#### **Owner and Operator Information**

1. I am responding for Meritor, Inc. I am an attorney representing Meritor, and my contact information is provided below:

William Schikora PLLC 5543 Great Hawk Circle Ann Arbor, MI 48105 (248) 974-4376

2. I do not have personal knowledge of the information being provided. I have spoken to the following individuals and reviewed the enclosed documents.

David O'Connor Corporate Environmental Manager Meritor, Inc. 2135 West Maple Road, B-146A Troy, MI 48084 (248) 435-2706

Dabra Chelf Senior Project Manager ERM 8425 Woodfield Crossing Blvd., Suite 560-W Indianapolis, IN 46240 (317) 249-4736

Debra is a former Meritor corporate environmental manager with responsibility for the Franklin, IN facility.

- 3. A predecessor to Meritor, Inc. formerly owned the property at 1001 Hurricane Street, Franklin, IN from approximately the 1930s until April 2005.
- 4. Meritor, Inc. is the successor-in-interest to the predecessor entity that owned the site as described in Question 3 above.
- 5. The current property owner is not related to Meritor, Inc. I am not aware if the current property owner is a trust.
- 6. Manufacturing and assembly of automotive exhaust systems. Primary processes were stamping, tube mills, paint preparation and painting, cutting, bending, forming, and gas metal

arc welding. Various grades of stainless steel were processed. Meritor's manufacturing operations ceased in September 2004.

- 7. On information and belief, ArvinMeritor OE, LLC owned and operated the facility prior to April 2005. Meritor, Inc. is a successor to that entity.
- 8. A predecessor to Meritor, Inc. formerly owned the property from approximately the 1930s until April 2005. We are not aware of any on-site waste disposal that occurred on or at the property. To the extent there were leaks or spills, see response to Question 14. We are not aware of any site investigations that may have occurred prior to the Property being acquired in the 1930s. A Phase I Environmental Site Assessment was performed by Malcom Pirnie, Inc. in December 2004 (Tab 1).
- 9. Petroleum oils such as hydraulic oil, stamping oil, various lubricating oils, motor oils; synthetic coolants used in the tube mill; production paint; paint cleanup solvent; detergent or caustic cleaner for pre-paint washes; acid for pH adjust; welding gases such as argon, nitrogen, and other welding gas mixtures; weld anti-spatter; aerosol cans of consumer products such as paint and WD-40. All wastes were sent off-site for disposal. The specific quantities and/or composition of hazardous substances is not known. Numerous Toxic Release Inventory reports are enclosed (Tab 2) as are waste manifests documenting waste type, quantity, and disposal location (Tab 11). Location of storage and disposal locations are identified in the enclosed maps (Tab 4) and the Storm Water Pollution Prevention Plan (Tab 5).
- 10. Typical wastes include used oil, universal waste lamps and batteries, waste paint related materials, non-hazardous liquids such as oily water from press pits, or oily mop water.

  Numerous Toxic Release Inventory reports are enclosed (Tab 2) as are waste manifests documenting waste type, quantity, and disposal location (Tab 11).
- 11. The site had a storm water permit, and a wastewater pretreatment discharge permit administered by IDEM (the City of Franklin was not authorized to run the pretreatment program at that time). The source of this water was from the pre-paint washes and rinses. Permit information is enclosed (Tab 3).
- 12. The site had an EPA ID number. We were not able to locate a copy of any Hazardous Waste Activity Notification.
- 13. Site maps showing the location of utilities, drains, etc. are enclosed (Tab 4) and additional information is contained in the Storm Water Pollution Prevention Plan (Tab 5).
- 14. Leaks, spills, or releases are described on pages 12 to 15 of the Phase I Report (Tab 1) as well as in the enclosed documents (Tab 6). There was also a UST removal (Tab 7) and a Fuel Oil Tank Removal (Tab 8). Analytical data related to those activities are enclosed (Tab 9).

arc welding. Various grades of stainless steel were processed. Meritor's manufacturing operations ceased in September 2004.

- 7. On information and belief, ArvinMeritor OE, LLC owned and operated the facility prior to April 2005. Meritor, Inc. is a successor to that entity.
- 8. A predecessor to Meritor, Inc. formerly owned the property from approximately the 1930s until April 2005. We are not aware of any on-site waste disposal that occurred on or at the property. To the extent there were leaks or spills, see response to Question 14. We are not aware of any site investigations that may have occurred prior to the Property being acquired in the 1930s. A Phase I Environmental Site Assessment was performed by Malcom Pirnie, Inc. in December 2004 (Tab 1).
- 9. Petroleum oils such as hydraulic oil, stamping oil, various lubricating oils, motor oils; synthetic coolants used in the tube mill; production paint; paint cleanup solvent; detergent or caustic cleaner for pre-paint washes; acid for pH adjust; welding gases such as argon, nitrogen, and other welding gas mixtures; weld anti-spatter; aerosol cans of consumer products such as paint and WD-40. All wastes were sent off-site for disposal. The specific quantities and/or composition of hazardous substances is not known. Numerous Toxic Release Inventory reports are enclosed (Tab 2) as are waste manifests documenting waste type, quantity, and disposal location (Tab 11). Location of storage and disposal locations are identified in the enclosed maps (Tab 4) and the Storm Water Pollution Prevention Plan (Tab 5).
- 10. Typical wastes include used oil, universal waste lamps and batteries, waste paint related materials, non-hazardous liquids such as oily water from press pits, or oily mop water.

  Numerous Toxic Release Inventory reports are enclosed (Tab 2) as are waste manifests documenting waste type, quantity, and disposal location (Tab 11).
- 11. The site had a storm water permit, and a wastewater pretreatment discharge permit administered by IDEM (the City of Franklin was not authorized to run the pretreatment program at that time). The source of this water was from the pre-paint washes and rinses. Permit information is enclosed (Tab 3).
- 12. The site had an EPA ID number. We were not able to locate a copy of any Hazardous Waste Activity Notification.
- 13. Site maps showing the location of utilities, drains, etc. are enclosed (Tab 4) and additional information is contained in the Storm Water Pollution Prevention Plan (Tab 5).
- 14. Leaks, spills, or releases are described on pages 12 to 15 of the Phase I Report (Tab 1) as well as in the enclosed documents (Tab 6). There was also a UST removal (Tab 7) and a Fuel Oil Tank Removal (Tab 8). Analytical data related to those activities are enclosed (Tab 9).

and the second of the second o

- 15. On information and belief, except as described in Question 14 above, there were no leaks or spills into any subsurface disposal system or floor drains.
- 16. Contaminated soil excavation activities are described on pages 12 to 15 of the Phase I Report (Tab 1) as well as in the enclosed documents (Tab 6). There was also a UST removal (Tab 7) and a Fuel Oil Tank Removal (Tab 8). Analytical data related to those activities are enclosed (Tab 9) and waste manifests are enclosed (Tab 11).
- 17. Analytical data and reports for environmental media are enclosed and have been identified above (see Tabs 1,2,6,7,8,9, and 11). We were not able to locate any aerial photographs.
- 18. We were not able to locate any aerial photographs.
- 19. On information and belief, the facility used public water supply for drinking water.
- 20. We are not aware of any public water supply wells located less than 3,000 feet from the Property.
- 21. We are not aware of any susceptible populations surrounding the Property.
- 22. On information and belief, Arvin Exhaust Manufacturing, LLC was a subsidiary of Arvin Industries Inc. Meritor, Inc. merged with Arvin Industries Inc. in 2000. Meritor, Inc. continues to exist and is successor in interest to ArvinMeritor OE, LLC which formerly owned and operated the Property.
- 23. On information and belief, Arvin Exhaust Manufacturing, LLC was a subsidiary of Arvin Industries Inc. Meritor, Inc. merged with Arvin Industries Inc. in 2000. Meritor, Inc. continues to exist and is successor in interest to ArvinMeritor OE, LLC which formerly owned and operated the Property.
- 24. On information and belief, we never leased the Property during the time of ownership.
- 25. Meritor, Inc. does not currently own the property.
- 26. We are not aware of any such parties.

#### **Insurance Policy Information**

The only insurance policy information we were able to locate is enclosed (Tab 1).

and the second of the second o

en en en Maria de la companya de la La companya de la co

And the first the second of th

 $(A_{ij},A_{ij}$ 

 $(x, K_{1}, x_{1}, \dots, x_{n})$  ,  $(x, x_{1}, \dots, x_{n})$ 

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

**OF** 

Former Arvin Meritor Exhaust Systems
Located at
1001 Hurricane Street
Franklin, Indiana 46131

**FOR** 

Arvin Meritor, Inc.

MALCOLM PIRNIE, INC. 5975 Castle Creek Parkway North Drive Suite 355 Indianapolis, IN 46250

December 2004

Appendix H – Historical Topographic Maps

17	ABLE OF CONTENTS	
4		Starting on Page
1.	Introduction	1
	1.1. Limitation on Use of Report	
	1.2. Scope of Services	
	1.3. Relationship to ASTM Standard of Practice E1527	
2.	Site Description	3
	2.1. Site Reconnaissance	
	2.2. Information Obtained from Interviews	
	2.3. General Site Information	
	2.4. Observations of Current Site Conditions – Exterior	
	2.5. Observations of Current Site Conditions – Interior	
	2.6. Description of Adjacent Lands and Vicinity Land Uses	
	2.7. Historical Uses of Site and Adjacent Properties	
	2.8. Physical Environmental Setting	
	2.9. Site and Vicinity Photographs	
3.	Records Review	12
	3.1. Client or Site Owner/Occupant Information	
	3.2. Government Records	
	3.3. Government Environmental Databases	
	3.4. Publicly Available Maps	
4.	Conclusions	21
	4.1. Conclusions – Environmental Site Assessment	-1
	4.2. Conclusions – Supplemental Environmental Considerations	
	<del></del>	
AP	PPENDICES	
Ap	pendix A – Proposal and Agreement	
	pendix B – Site Maps and Figures	
	pendix C – Sanborn Maps	
	pendix D – City Directory	
Ap	pendix E – Site Photographs	
	pendix F – Records Obtained for the Site	
Ap	pendix G – Electronic Database Report	

## 1. INTRODUCTION

#### 1.1. Limitations On Use Of Report

This Environmental Site Assessment Report [**Report**] has been prepared for the sole use of Malcolm Pirnie, Inc.'s Client, Arvin Meritor, Inc. The purpose of this Report is to provide information to the Client on the environmental conditions of the subject property, 1001 Hurricane Street, Franklin, Indiana 46131.

The use of and reliance on this Report by any person or entity other than the Client is not authorized without an agreement between the user and Malcolm Pirnie. Without an agreement with Malcolm Pirnie, Inc., the use of this report by an unauthorized user is for their information only and *shall be solely at the unauthorized user's risk*.

Malcolm Pirnie's work presented in this Report was performed pursuant to an Agreement between Malcolm Pirnie, Inc. and Client, dated [Agreement date]. This Agreement included the scope of work as described in Malcolm Pirnie's proposal to the Client, dated September 3, 2004. Any modifications, deviations or exceptions to the services proposed or limitations in the scope of the Environmental Site Assessment arising out of site access issues and the actual availability of data and information related to the Site(s) are as described in Section 1.2 of this Report.

The conclusions in this Report have been based, in part, on information obtained from third parties including historical aerial photographs, environmental agency records, well logs, and other public geologic records regarding the Sites obtained from various sources. Unless noted, Malcolm Pirnie, Inc. has not independently evaluated or verified the accuracy or completeness of such third party information. Visual observations of the Site only represent conditions at the time of the site visit. Malcolm Pirnie, Inc. makes no warranties that the on-site observations made during the Environmental Site Assessment are representative of historical or future conditions at the Site. Malcolm Pirnie, Inc. performed its services and prepared this Report at the level customary for other prudent and competent professional engineers performing such services at the time and place where the services are provided. The Report shall be construed neither as a legal opinion nor as compliance with any environmental law. *Malcolm Pirnie, Inc. makes no other warranty, expressed or implied*.

#### 1.2. Scope of Services

An Environmental Site Assessment (**ESA**) is a due diligence process to identify *recognized* environmental conditions on a property. This ESA Report provides factual information about the Site in support of the Client's "all appropriate inquiry" into the previous ownership and uses of property consistent with good commercial or customary practices. The Report may not address all requirements to qualify for an innocent landowner defense commonly associated with the Comprehensive Environmental Response Compensation and Liability Act (see 42 USC § 9601(35)(B), the "Superfund" law). The Client's knowledge and experience may also be factors in determining the extent of an "all appropriate inquiry," and only legal counsel is competent to determine the legal implications of the information or conclusions in this Report.

The scope of services provided by Malcolm Pirnie, Inc. in this ESA is described in Appendix A.

# 1.2. Relationship to ASTM Standard Practice E 1527

The current ASTM Standard E 1527 <u>Standard Practice for Environmental Site Assessments:</u>

<u>Phase 1 Environmental Site Assessment Process</u>, provides guidelines for conducting an ESA. However, in the performance of this Assessment, as with any professional service, modifications or exceptions to, or deviations from such guidelines may occur because of factors including but not limited to instructions from the client, site conditions, the availability of records, or scheduling and timing issues. The scope of services Malcolm Pirnie developed for this ESA and accepted by Client is controlling. For information purposes only, Malcolm Pirnie, in preparing this Report, identified modifications or exceptions to, or deviations from the ASTM E 1527 guidelines as described below:

NONE - No modifications or exceptions to, or deviations from ASTM E 1527occurred.

<sup>1</sup> The definition of "recognized environmental conditions" is provided in the conclusion section of this Report.

#### 2. SITE DESCRIPTION

This Report presents the findings of the Environmental Site Assessment (ESA) at the former Arvin Meritor Exhaust Systems facility in Franklin, Indiana 46131 (Site). The ESA was commissioned by Arvin Meritor, Inc. and was conducted by Malcolm Pirnie, Inc. pursuant to an Agreement, which included a scope of services described in Malcolm Pirnie's proposal letter to Arvin Meritor, both dated September 3, 2004.

#### 2.1. Site Reconnaissance

Malcolm Pirnie visited the Site to perform a site reconnaissance for the purpose of obtaining visual and physical information indicating the presence of recognized environmental conditions in connection with the Site. Observations made during the site reconnaissance are presented below. Malcolm Pirnie also performed a windshield survey of properties adjacent to the Site and the immediate vicinity. Observations made during the windshield survey are incorporated into the descriptions provided below.

The site reconnaissance and windshield survey took place on October 1, 2004. Accompanying Malcolm Pirnie's Julie Grim during the site reconnaissance was Ms. Debra Chelf, Corporate Environmental Manager.

#### 2.2. Information Obtained from Interviews

Malcolm Pirnie contacted persons thought to have knowledge about the Site to request an interview about the Site's recognized environmental conditions. Information resulting from these interviews is presented below or incorporated into the Site descriptions that follow. The persons contacted, interviewed, and each individual's relationship to the Site is:

- Ms. Debra Chelf, Corporate Environmental Manager for Arvin Meritor
- Mr. Bob Williams, Plant Manager for former Arvin Meritor Exhaust Systems

#### 2.3. General Site Information

The Site, as shown on Figure 1 in Appendix B, consists of 36 acres of land. The Site fronts on the east side of Hurricane Street as shown in Figure 2. The current land use of the Site can be described as vacant; however, the immediate past land use has been industrial use. The property is currently owned by Arvin Meritor, Inc. The facility previously manufactured exhaust systems for a variety of automobiles. Operations of metal fabricating including welding, pressing, cutting and stamping were conducted at the facility.

All production at the facility ceased on September 24, 2004. The facility was cleared and vacated on October 28, 2004.

#### 2.4. Observations of Current Site Conditions - Exterior

Table 1 presents the current exterior Site conditions observed during the Site visit and obtained from interviews. The property is bordered by Hurricane Street to the West, 350 East (Eastview) to the North, residential property to the South, and a mix of residential and commercial property to the East. Hurricane Road is located at the northeast corner of the property.

Table 1 – Exterior Site Conditions		
Item Observed	Condition/Observation	
a) Storage Toules	No aboveground or underground tanks are currently located outside the building.	
a) Storage Tanks	Previous argon and nitrogen tanks were located outside the building. These gases were used for cryogenic welding.	
b) Chemicals, Petroleum Products, and Hazardous Substances	No chemicals, petroleum products, or hazardous substances are currently located outside the building.	
c) Odors	No obvious strong, pungent, or noxious odors were identified throughout the exterior portions of the Site.	
d) Pits, Ponds, Lagoons, Surface Water	No pits, ponds, or lagoons are currently located at the property. Lagoons were previously located at the Site. A wetland was located along a ditch area on the south side of the main building. The nearest surface water body is Hurricane Creek, located approximately 0.5 mile to the east. A drainage ditch is located	

	Т	able 1 – Exterior Site Conditions
Ite	em Observed	Condition/Observation
		along the southeastern border of the facility.
e)	Drums or other Substance Containers	Solid waste dumpsters were observed on the eastern side of the building. Solid waste and discarded scrap metal was observed within the dumpsters.
		With the exception of the solid waste dumpsters, no drums or substance containers were observed outside the Site building.
f)	Polychlorinated Biphenyls (PCB)-Containing Equipment	No PCB-containing equipment is located on the exterior portions of the facility.
g)	Stained Soils or Pavement	No staining was observed throughout the exterior portions of the Site.
h)	Stressed Vegetation	No stressed vegetation was observed outside the building.
i)	Water Supply and Wells	No wells of any kind were observed at the Site. Water is supplied to the Site by the City of Franklin.
j)	Septic Systems	No septic system is known to currently exist at the Site, nor was there any indication that one has ever been located at the Site. Sewer service is provided to the Site by the City of Franklin.
k)	Drains and Sumps	Storm drains were observed throughout the exterior portions of the Site. Roof drains discharge to on-site storm drains.
1)	Other	Paved loading docks are located at varies locations around the building.
1)		Railroad tracks are located throughout the property and are still in use.

# 2.5. Observations of Current Site Conditions – Interior

Observations of the interior of the Site building were made during the Site reconnaissance. Information obtained from Site representatives during the reconnaissance is included in the descriptions.

The Site is approximately 36 acres and includes over 600,000 square feet of manufacturing building space. The original building was constructed in the early 1900s and has undergone several additions and modifications. The building is set on a concrete foundation and consists of aluminum studs, glass, and concrete. Table 2 presents the current interior Site conditions observed during the Site visit and obtained from interviews.

	Table 2 – Interior Site Conditions		
Ite	m Observed	Condition/Observation	
		No underground or above ground storage tanks were observed within the building.	
a)	Storage Tanks	Site representatives indicated that a UST and a fuel oil AST were removed several years ago, but did not have any additional knowledge regarding the removals.	
b)	Chemicals, Petroleum Products, and Hazardous Substances	Several drums, totes and tanks were observed within the southeastern portion of the building, which was the designated chemical storage location. Used oils, mixture of used oil and water, oil absorbents, new oil (synthetic & petroleum), and grease were stored in the containers. This room has a concrete floor with a berm and door to contain spills. No floor drains are located in the room.	
		The facility previously stored mercury switches, fluorescent lamps and batteries within this room prior to transport off-site for disposal.	
c)	Contracted Services	Contracting services for solid trash disposal varied throughout the years No hazardous waste is currently located at the Site; Site representatives stated Safety Kleen was formerly used to transport and dispose of hazardous waste (chlorinated solvents, TCE) generated in the past.	
d)	Odors	No obvious strong, pungent, or noxious odors were identified in the building.	
e)	Heating and Cooling	The operation is air conditioned through a forced air system. Building heat is provided by natural gas provided by a local supplier.	

Table 2 – Interior Site Conditions		
Item Observed	Condition/Observation	
f) PCB-Containing Equipment	No PCB-containing transformers or equipment is currently located inside the building. Previous transformers contained PCB, but these were removed and replaced without any PCB spill related incidents. Several electrical transformer panels are located in the building. Some fluorescent lighting was noted during the Site reconnaissance; it is possible that the existing fixtures contain PCBs.	
	An elevator, which may contain PCB fluids is located in the basement.	
g) Stained Pavement	Several notable stains were observed on the concrete floor throughout the building. The concrete floor appeared in good condition, but some cracks and addition seams were noticeable.	
	Floor drains are located throughout the facility. Site representatives were not certain of the discharge of the drains.	
h) Drains and Sumps	A small oil/water separator is located within the basement of the facility, which houses the facility presses. The basement is small and is only under the original building. It does not cover the entire facility. This oil/water separator is pumped out and disposed of as wastewater.	
	A pit is located at the facility that previously contained a mixture of water/water treatment chemicals from the non-contact cooling water line.	
i) Other	According to Site representatives, an asbestos survey was previously conducted for the facility and identified asbestos containing material (ACM); however, the Site representatives indicated that some ACM insulated piping had been removed. In addition, during a roof removal project some ACM layers were also removed.	
	A water tower was demolished at the property a few years ago and was determined to contain lead based paint. This tower and associated lead based paint was removed from the property. Due to the age of the property, lead based paint is most likely present at the facility.	

#### 2.6. Description of Adjacent Lands and Vicinity Land Uses

The Site is located in a mixed development area of Franklin, Indiana. The following are descriptions of current lands and land uses immediately adjacent to the Site:

North: 350 East (Eastview) Road, cornfields and Office Warehouse building

South: Residential, Gonzo's Auto Specialists, Croplan Crop Production Services, bean fields

East: Drainage ditch, Hurricane Road

West: Residential, Shelby Materials, Nonferrous Products, Inc.

#### 2.7. Historical Uses of Site and Adjacent Properties

Malcolm Pirnie reviewed the following reasonably ascertainable historical sources to obtain information on Site's history. This information provides historical information from 1910 to the present.

Site representatives indicated that Arvin Meritor had conducted operations at the property since at least the 1930s. Operations have changed over time, but ownership did not. During World War II, the facility manufactured bomb cases and munitions boxes. The facility also historically manufactured tern-coated fuel filler tubes.

Painting operations, including pre-paint (wash, rinse), were previously conducted at the facility. Two paint booths were previously located within the building. Painting operations ceased in 1999 and the paint booths were removed. Metal (oil) quenching was also previously conducted at the Site.

#### 2.7.1. Aerial Photographs

Malcolm Pirnie contacted Environmental Data Resources, Inc. (EDR) to obtain aerial photographs of the Site and adjacent properties; however, no aerial photographs depicting the target property at the specified address were identified.

#### 2.7.2. Fire Insurance Maps

Malcolm Pirnie obtained Sanborn fire insurance maps of the Site and adjacent properties from EDR. The fire insurance maps are contained in Appendix C. The historical information derived from these fire insurance maps is as follows:

- 1910 The property was identified as the Franklin Desk Company. The site contained one manufacturing building which housed wood working machinery on the first floor and assemble, varnishing and finishing on the second floor. The property also contained two dry kilns and two lumber piles. A small dry print office was located at the southwest corner of the property. The immediate surrounding property was undeveloped.
- 1916 The property continued as the Franklin Desk Company. The manufacturing building remained unchanged; however, one large dry kiln was located on the property rather than two. Two sets of railroad tracks had also been installed on the property to the manufacturing building. The Franklin Color Works Paint Factory was located at the northwest corner of the property. This facility housed paint grinding and mixing machines. The surrounding property to the west across Hurricane Street was residential. All other immediate surrounding property was undeveloped.
- 1927 The property expanded into The Franklin Manufacturing Company. The manufacturing building had been expanded to the north. One dry kiln is still located at the property made part of the building expansion. A smaller addition was added to the south of the building. The railroad tracks and Franklin Paint & Color Works still existed on the property. The surrounding property to the west was residential. All other immediate surrounding property was undeveloped.
- 1948 The property had changed significantly into Noblitt-Sparks Industries, Inc. Makers of Auto Mufflers, Exhaust Pipes, etc. All indications of the Franklin Manufacturing Company were not shown in 1948. The Franklin Paint & Color Works area still existed, but was being used for paper carton warehouse. The property contained a large manufacturing and warehouse building. One railroad tracked had been removed, but one remained.

## 2.7.3. Municipal Directory Listings

Malcolm Pirnie reviewed the Polk city directory for historic use listings for the Site and adjacent properties. The Polk city directory is contained in Appendix D. Historically, the users of the Site and adjacent properties are identified as follows:

- 1959-1979: The property is identified as Arvin Industries, Inc.
- 1984: The property is identified as Arvin Automotive Division
- 1989-1994: The property is identified as Arvin North America Automotive Division
- 2000: The property is identified as Arvin Industries

The city directory identifies the surrounding property from 1959-2000 as residential and commercial properties. Commercial properties included restaurants and local carpenter's union.

#### 2.8. Physical Environmental Setting

In general, the physical environmental of region in which the Site is located, exhibits the following characteristics. The immediate area surrounding the Site was relatively flat with a gentle slope towards the south. Elevations in the vicinity of the Site range from 760 feet north of the Site to 728 feet above mean sea level (amsl) to the south.

According to Site contacts, one wetland was designated in a ditch area on the south side of the main building. The nearest body of water is Hurricane Creek, which is located approximately ½ mile east of the Site. Hurricane Creek flows south and discharges into Youngs Creek, which is located over one mile south of the Site. An unmanned ditch is located along the eastern and southern borders of the Site. This ditch discharges directly to Youngs Creek.

The EDR physical setting source summary indicated that the overall topographic gradient at the site was generally to the southeast. No FEMA flood zones or wetlands, identified by the National Wetland Inventory, were located at the Site or in the immediate vicinity. Dominant soils in the area were determined to be moderately well drained silt loam at the surface and clay loam to gravelly loam throughout the subsurface. Additional soils information is available in the EDR Report in Appendix G.

# 2.9. Site and Vicinity Photographs

Photographs taken during the site reconnaissance are provided in Appendix E. The photographs show the following features:

<u>Photo</u>	Description
1	View of manufacturing area
2	View of former paint booth area
3	View of chemical storage room
4	View of exterior portion of the property
5	View of exterior portion of the property
6	Eastern exterior of the building with transformers
7	View of propane storage and AST location
8	View facing west of railroad tracks inside the building
9	Exterior of the building with Argon and Nitrogen tanks
10	View of exterior of the property and adjacent property
11	View of new air compressor concrete pad
12	View of machinery to be removed
13	View of exterior of the building and property
14	Basement elevator
15	View of cooling water system
16	View of basement oil/water separator
17	View of parking area across Hurricane Street and designated wetland
18	View of western exterior of property and adjacent property
19	Southern exterior of property at the former location of fuel oil tank
20	Southwest exterior corner of building where former boiler building was located

#### 3. RECORDS REVIEW

Malcolm Pirnie reviewed records from reasonably ascertainable sources, which were publicly available and obtained within the time and budget constraints of this ESA, but did not require an extraordinary review of irrelevant data in the process. This record review was conducted to obtain information regarding the Site's recognized environmental conditions.

#### 3.1. Client/Site Owner/Occupant Information

#### 3.1.1. Information from Arvin Meritor, Inc.

Arvin Meritor provided several files pertaining to the facility for Malcolm Pirnie to review. These files included information relating to storm water, air, hazardous materials reporting and associated cleanups that have been conducted at the facility. The information reviewed by Malcolm Pirnie is summarized below and is contained in Appendix F.

#### Carbide Pit Removal Project

A concrete covered pit was previously associated with operations conducted at the facility. The concrete pit was used to hold a very caustic material with pH greater than 12.9. In order to clean and fill the pit, the concrete cover was removed in November 1999. After the cover was removed, the pit contents were mixed with calcium hydroxide and muriatic acid reducing the pH to 11.6. The lower pH material was pumped from the pit into 55-gallon drums. Once the material was removed, the pit was inspected and filled with stone. After the pit was filled with stone, concrete was place on top to cover. Since the pit was a designed structure with no additional areas, no additional work was completed after the pit was filled.

#### Air Compressor Project

A broken air compressor was removed from the south central portion of the building in June 2000. During removal, site personnel observed that the concrete floor under the compressor had settled. Site personnel were able to see under the main floor where soil had settle along the north side of where the air compressor was located. This area showed a substantial amount of compressor oil.

Approximately 50 gallons of standing oil was pumped from the observed hole. In July 2000, the concrete pad and contaminated soil were removed and disposed off-site. Samples were collected from the sidewalls and floor of the excavation. Sidewall samples were analyzed for total petroleum hydrocarbons (TPH)-volatile and semi-volatile. The north wall sample contained 410 mg/kg TPH-Semi-volatile. The west wall contained 270 mg/kg TPH-semi-volatile. South wall contained 2,200 mg/kg TPH-semi-volatile. East wall contained 470 mg/kg TPH-semi-volatile. The north end base sample was analyzed for TCLP metals and paint filter. TCLP Barium at 1.2 mg/l was the only detected constituent. Remediation was conducted until determined by site personnel that continued excavation was fruitless with the age and manufacturing history of the building or until excavation could not physically continue to due concrete foundation, wall, etc. The excavation was backfilled and a new concrete pad was installed a flooring foundation for a new air compressor.

#### **Tube Mill Excavation**

In 1998, the tube mill operations were removed from the facility. After the tube mills were removed, the tube mill area floor was demolished, removed and replaced with a new floor due to identified contamination. The exact source of contamination was not specified. Hand auger samples were collected from soil underneath the concrete flooring which identified TPH and metals (chromium) contamination to approximately 2 feet below ground surface. Approximately 2,000-2,500 cubic feet of concrete was disposed during the floor removal. Additional soil samples were collected after the removal of the floor. TPH and chromium were identified. The information provided by the client does not indicate whether confirmatory samples were collected to determine whether all contaminated soils had been removed. The flooring has been replaced and restored.

The broken concrete and rebar was disposed at a location approximately one-half mile west of the facility. It is unknown whether any soil from beneath the tube mill floor was placed in the disposal location along with the concrete. Portions of any part of the concrete or soil, if any, would likely have been contaminated by oil, grease and possibly metals. PCBs may also be likely due to the

presence of oil and the age of the materials (pre-1978). Concrete is still located within this final disposal area.

#### Fuel Oil Tank Removal

The client provided pictures of the removal of the fuel oil AST at the property. The pictures with notations indicate that the fuel oil tank was removed on April 20-21, 1999. Liquid Waste Removal removed all tank contents and steam cleaned the tank prior to dismantling it. May 3, 1999 pictures show the southern half of the former tank area with small spots of fuel oil staining as well as the overview restored area. Site representatives indicated that removal was conducted until no visual staining could be observed. No additional details or reports were provided detailing the removal or confirmatory sampling from under the tank after removal.

#### Tier II Reporting

Tier II reports indicate that the facility reported argon, oxygen and heavy naphthetatic distillate solvent from 2002 to present. Machines that contained this distillate were located throughout the facility. In 1998, #2 fuel oil was also reported.

#### Air Permit

The facility was issued a Source Specific Operating Permit Agreement in 2001 for the consumption of 697 million cubic feet of natural gas. Until this new agreement, the facility operated under a Title V permit. The Title V permit contained the facility's two paint booths and facility boilers.

#### Toxic Release Inventory Reporting

The facility reported chromium and nickel in the facility Toxic Release Inventory (TRI) reports for 2002 and 2003.

#### National Pollutant Discharge Elimination Permit

The facility maintained a general National Pollutant Discharge Elimination Permit with which they appeared to meet all applicable requirements.

#### **Facility Plans**

The facility maintained a Spill Prevention, Control and Countermeasures Plan as well as a Storm Water Pollution Prevention Plan. The facility appeared to meet all applicable requirements associated with these plans.

#### 3.2. Government Records

For the purpose of obtaining information on the Site's recognized environmental conditions, the following government environmental and health agencies were contacted and requests were made to review publicly available records as described below. Information obtained from the contacted agencies is as follows:

- A FOIA file request was made to the central file room of the Indiana Department of Environmental Management (IDEM) that includes all offices of IDEM. Files identified through the FOIA request included:
  - A June 12, 1985 letter from Arvin Meritor to the Indiana State Board of Health stating that a leaking 10,000-gallong fuel oil UST was removed on June 3, 1985.
     280 square yards of contaminated soil were removed along with the UST. A small hole in the tank leaked fuel oil through an old field tile leading to an on-site drainage ditch. The excavation was backfilled.
  - Several Discharge Monitoring Reports
  - A letter from IDEM to the South Side Landfill granting permission for disposal of
     50 drums per year of wash pit sludge from the Arvin Meritor Franklin facility
  - A September 10, 1992 Letter of Inadequacy from IDEM regarding an Arvin
     Meritor letter submitted in response to Hazardous Waste Manifest Record Review

- o IDEM RCRA Scheduled Inspection Report dated July 2, 1986
- November 30, 1999 Pretreatment Permit granted letter from IDEM and associated documentation
- Air permit and violation documentation

For the purpose of obtaining information on the Site's recognized environmental conditions, the following government agencies were contacted and requests were made to review publicly available records, if available, as described below. Information obtained from the contacted agencies, including agency personnel interviewed, is as follows:

• The City of Franklin Fire Chief was contacted as to knowledge of any environmental incidents occurring at the property that would result in recognized environmental conditions. The fire chief indicated that no environmental incidents had occurred at the property in which his office had responded.

#### 3.3. Government Environmental Databases

Malcolm Pirnie obtained a listing of federal and state environmental enforcement sites in the area, in which the Site is located, from a private database management firm, EDR. This firm organizes government agency sources in a consolidated format. Malcolm Pirnie makes no representation about the reliability and accuracy of the information contained within the lists. The complete database report is provided in Appendix G.

The lists and the geographic area included in the search are as follows. Please note, the list names for which the search returned positive findings are noted in bold letters:

Government Database Lists Searched	Distance from Site
Federal National Priority List (NPL) Sites	1.0 mile
Proposed NPL	1.0 mile

Site only

1.0 mile

Program (FINDS)

Federal PCB Activity Database System (PADS)

Federal Department of Defense (DOD)

Federal Comprehensive Environmental Response, Compensation, and	0.5 mile
Liability System (CERCLIS)	
Federal CERCLIS No Further Action Planned (NFRAP) Sites	Site and Adjacent Properties
Federal Resource Conservation and Recovery Act (RCRA)	1.0 mile
Corrective Action Report (CORRACTS) Facilities	
Federal RCRA-Treatment, Storage and Disposal (TSD) Facilities	0.5 mile
Federal RCRA Generators	Site and Adjacent Properties
Federal Emergency Response Notification System (ERNS)	Site only
State Hazardous Waste Response Sites (SHWS)	1.0 mile
State Solid Waste Facilities/Landfills (SWF/LF)	0.5 mile
State Leaking Underground Storage Tanks (LUST)	<b>0.5</b> mile
State Underground Storage Tanks (UST)	0.25 mile
State Voluntary Remediation Program (VCP)	0.5 mile
Government Database Lists Searched	Distance from Site
(ASTM Supplemental)	
Federal Superfund CONSENT Decreases	1.0 mile
Federal Records of Decision (ROD)	1.0 mile
Federal Delisted NPL	1.0 mile
Federal Hazardous Materials Information Reporting System (HMIRS)	Site only
Government Database Lists Searched	Distance from Site
Federal Materials Licensing Tracking System (MLTS)	Site only
Federal MINES	Site only
Federal NPL Liens	Site only
Federal Facility Index System/Facility Identification Initiative	Site only

Federal RCRA Administrative Action Tracking System (RAATS)	Site only
Federal Toxic Chemical Release Inventory System (TRIS)	Site only
Federal Toxic Substance Control Act (TSCA)	Site only
Federal Section 7 Tracking System (SSTS)	Site only
Federal FIFRA/TSCA Tracking System (FTTS)	Site only
State Indiana (IN) Spills	Site only
State Registered BULK fertilizer and pesticide storage facilities	Site and adjacent properties
State Registered BULK fertilizer and pesticide storage facilities (BULK)	Site and adjacent properties
	Site and adjacent properties  0.5 mile
(BULK)	• • •
(BULK) Brownfields	0.5 mile

Of the positive database findings, the following locations may represent an environmental condition as related to the Site:

- The target property located at 1001 Hurricane Street is listed on the FTTS INSP and IN Spills databases. FTSS INSP database indicates that the facility was inspected in 1996 and 2001. Violations were found during the 1996 inspection. No additional information was provided regarding this violation. The IN Spills database indicates that a spill occurred in November 1992 from a leaking underground storage tank. No water was affected, but contaminated soil existed. No additional information was provided regarding this incident.
- Johnson County Farm Bureau CO-Op Association, Inc., located 1/8-1/4 mile east-south of the
  property at 755 E. Hamilton Ave, is listed on the UST and IN Spills databases. Twenty pounds
  of dry fertilizer potash was spilled in December 1980. The entire spill was recovered. No water
  was affected. The listed UST is identified as permanently out of service.
- Crop Production Services, located 1/8-1/4 mile east-southeast of the property at 758 E. Hamilton Ave., lists a permanently out of service UST. No additional information is provided.
- K&L Grain, located 1/8-1/4 mile north of the property on Hurricane Road, lists a permanently out of service UST. No additional information is provided.

- City of Franklin Street Department, located ¼-1/2 mile east-southeast of the property at 951 Hamilton, is identified with a leaking underground storage tank (LUST). Soil was the affected media; however, a no further action letter was received in 1994. A sewage spill to Youngs Creek was reported in September 1982. The facility has two USTs in use. These tanks were installed in 1988.
- Amphenol Products Company Plant, located ¼-1/2 mile east of the property at 980 Hurricane Road, is listed on the CORRACTS and CERC-NFRAP databases. The CERC-NFRAP database indicates that a discovery was identified in August 1980, a preliminary assessment conducted in September 1985, an archive site completed in February 1990 and another preliminary assessment conducted in February 1990. No additional information is provided. The CORRACTS listing identified several areas of corrective action throughout the facility. The last entry of the database indicated that as of February 2000, the certification of remedy completion or construction completion was issued.

Immediately adjacent properties do not appear to present an environmental concern to the subject property.

#### 3.4. Publicly Available Maps

The following government published maps of the Site and the surrounding areas were reviews for information related to the Site's recognized environmental conditions.

# 3.4.1. United States Geological Survey Maps

Malcolm Pirnie reviewed several historical years of the USGS 7.5 minute quadrant, Franklin, IN quadrangle for the Site and regional topographic characteristics that may influence the Site's recognized environmental conditions. These characteristics are described below, as appropriate, or are provided elsewhere in this Report. Copies of the maps are contained in Appendix H.

• 1948 – Franklin Quadrangle – The map shows the manufacturing building located at the property. Surrounding property is residential to the west and south and undeveloped to the north and east.

- 1961 Franklin Quadrangle The parcels appear the same as in the 1948 map; however, the footprint of the building had changed slightly.
- 1980 (photo revised 1980, photo inspected 1961) Franklin Quadrangle The map appears the same as in the above maps; however, the footprint of the building is similar to its current condition.
- 1988 (photo revised 1988, photo inspected 1961) Franklin Quadrangle The map appears the same as in the 1988 map; however, additional commercial and/or industrial buildings appear to the southeast of the property.
- 1994 (revised 1994, photo inspected 1961) Franklin Quadrangle The map appears the same as in the 1994 map.

#### 4. CONCLUSIONS

#### 4.1. Conclusions - Environmental Site Assessment

Malcolm Pirnie performed an Environmental Site Assessment for this Site and its findings are provided in Sections 2 and 3 of this Report. As a result of the findings in Sections 2 and 3, the following conclusions are offered:

#### **Recognized Environmental Conditions**

A recognized environmental condition means "...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property." Recognized environmental conditions do not "...include de minimis conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimis are not recognized environmental conditions." (ASTM E1527 ¶3.3.31)

This Environmental Site Assessment has revealed no evidence of recognized environmental conditions in connection with the Site, except for the following:

- Site representatives indicated a UST was removed from the property several years ago. The
  electronic database indicated a spill associated with a leaking UST reported on November 4,
  1992. The database indicated that soil was contaminated, but did not provide additional
  information. Site representatives did not provide any information relating to the removal of the
  UST.
- A broken air compressor was removed from the south central portion of the building in June 2000. Sidewall and base samples were analyzed indicated TPH contaminated soils. The excavation was backfilled and a new concrete pad was installed a flooring foundation for a new air compressor. The soil sample results indicated residual TPH contaminated soils remained at the location.
- In 1998, the tube mill operations were removed from the facility. After the tube mills and flooring were removed, hand auger samples were collected from soil underneath the concrete flooring which identified TPH and metals (chromium) contamination to approximately 2 feet below ground surface. Additional soil samples were collected after the removal of the floor.

TPH and chromium impacts were identified. The information provided by the client does not indicate whether confirmatory samples were collected to determine whether all contaminated soils had been removed. The flooring has been replaced and restored.

• The client provided pictures of the removal of the fuel oil AST at the location. The pictures with notations indicate that the fuel oil tank was removed on April 20-21, 1999. May 3, 1999 pictures showed the southern half of the former tank area with small spots of fuel oil staining as well as the overview restored area. No details or reports were provided detailing the removal or confirmatory sampling from under the tank after removal.

# **Historical Recognized Environmental Condition**

A historical recognized environmental condition means an "... environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently." (ASTM E 1527 ¶ 3.3.16) The use of this term largely depends on the current impact of the condition on the Site. For example, if a site remediation had occurred and the overseeing government agency accepted the remediation, the condition may be considered a 'historical recognized condition'.

This Environmental Site Assessment has revealed no evidence of historical recognized environmental conditions in connection with the Site, except for the following:

- A 10,000-gallong fuel oil tank was removed from the property on June 3, 1985. Fuel oil from this tank leaked into an on-site drainage ditch. The tank and 280 square yards of contaminated soil were removed. The Indiana State Board of Health was contacted regarding the incident and removal..
- The property has been industrially developed since the early 1900s. As evidenced of
  associated flooring projects at the Site, contamination at the property is likely due to the
  age and industrial use of the property.
- A concrete covered pit was previously associated with operations conducted at the
  facility. The concrete pit was used to hold a very caustic material with pH greater than
  12.9. The pH of the material was lower and then removed from the pit. Once the
  material was removed, the pit was inspected and filled with and a concrete cover was

placed. Site representatives the pit was visually inspected and appeared to be in good condition prior to filling.

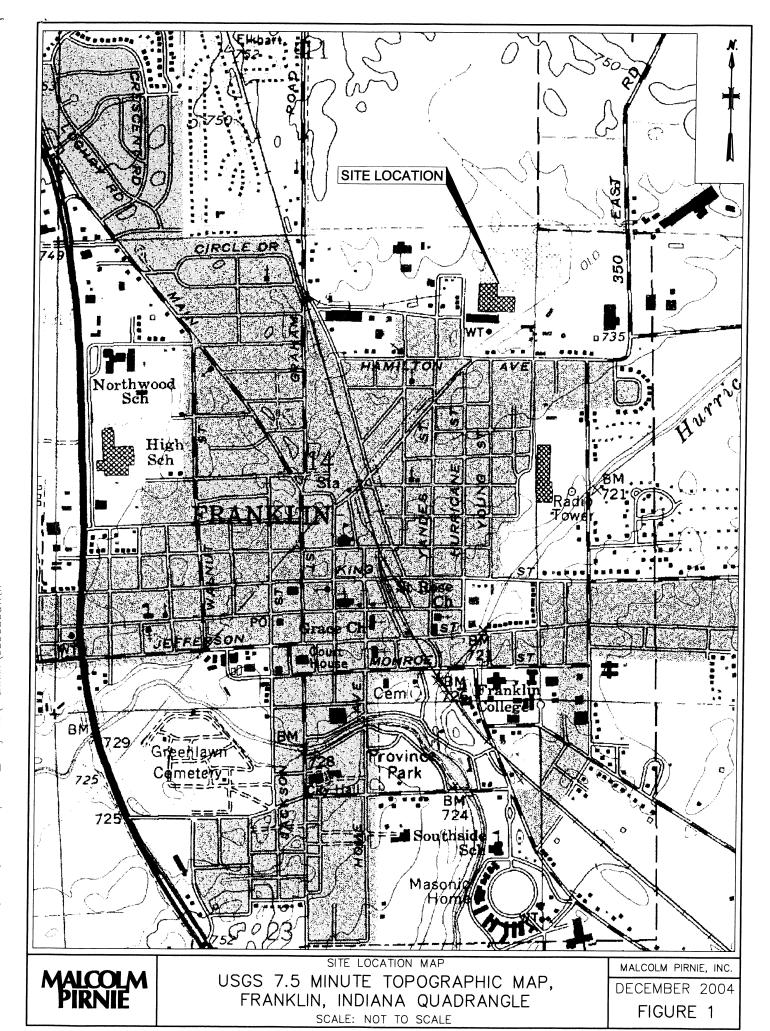
• The broken concrete and rebar associated with the tube flooring removal was disposed of at a location approximately one-half mile west of the facility. It is unknown whether any soil from beneath the tube mill floor was placed in the disposal location along with the concrete. Portions of any part of the concrete or soil, if any, would likely have been contaminated by oil, grease and possibly metals. It is likely that PCBs may also be present due to the presence of oil and the age of the materials (pre-1978). No information in the file provided a conclusion to this issue.

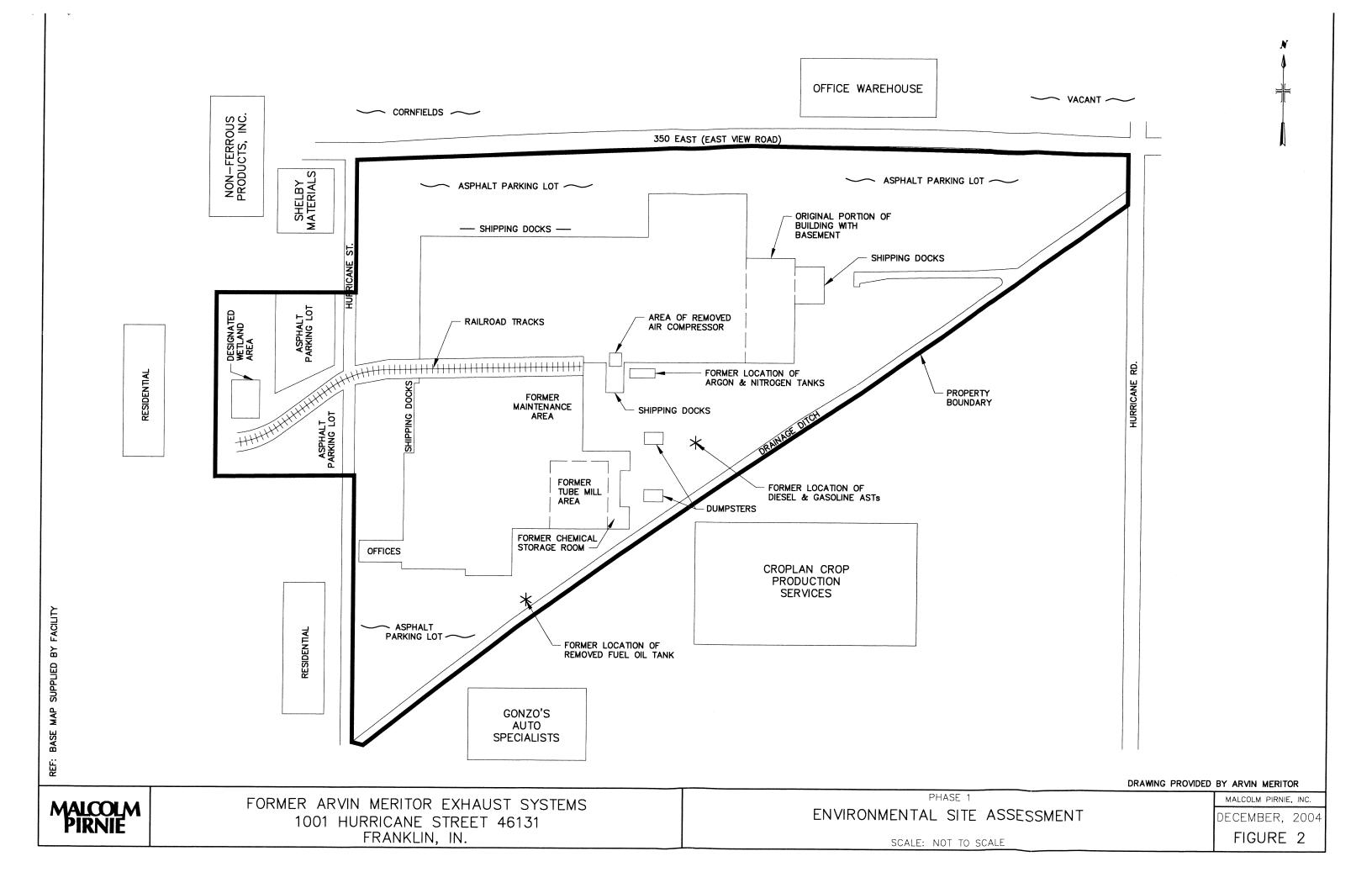
#### **Other Environmental Conditions**

In certain situations, a Site condition, observed by Malcolm Pirnie or noted in the available records, may not meet the definition of a 'recognized environmental condition'. However, presence of these environmental conditions may impact the Client's due diligence decisions regarding the Site.

In the course of this Environmental Site Assessment, other environmental conditions in connection with the Site, were observed or discovered in the previously-described documents, as follows:

- According to Site representatives, an asbestos survey was conducted and indicated the presence of ACM at the property.
- Due to the age of the buildings located at the property, lead based paint is likely to be present.









"Linking Technology with Tradition"®

# Sanborn® Map Report

**Ship To:** Julie Grim

Malcolm Pirnie, Inc

5975 Castle Creek Pkwy

indianapolis, IN 46250

**Customer Project:** 

4754004

1201861ZIP

317-469-0639

**Order Date:** 10/4/2004 **Completion Date:** 10/5/2004

Inquiry #:

1277247.3s

P.O. #:

NA

**Site Name:** Former Arvin Meritor Plant

Address:

1001 Hurricane Street

City/State: Franklin, IN 46131

**Cross Streets:** 

Based on client-supplied information, fire insurance maps for the following years were identified

1910 - 1 Map

1916 - 1 Map

1927 - 1 Map

1948 - 1 Map

**Limited Permission to Photocopy** 

Total Maps: 4

Malcolm Pirnie, Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited numbe additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

This report contains information obtained from a variety of public and other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH TH REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETH ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, ICONSEQUENTIAL, OR EXEMPLARY DAMAGES. It can not be concluded from this report that coverage information for the target and surrounding properties does not express the provided of the provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Any liability on the part of EDR is strictly limited to a refund of the amount of the provided in this report. paid for this report.

# USER'S GUIDE

Thank you for your interest in electronic Sanborn Map images. The following are guidelines for accessing the images and for transferring them to your system. If you have any questions about the use of electronic Sanborn Map images, contact your EDR Account Executive at 1-800-352-0050.

#### Organization of Electronic Sanborn Image File

First Page Sanborn Map Report, listing years of coverage
 Second Page Electronic Sanborn Map Images USER'S GUIDE

Third Page Oldest Sanborn Map Image
 Last Page Most recent Sanborn Map Image

#### Navigating the Electronic Sanborn Image File

- · Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat, zoom to 250% in order to view more clearly.
  - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
- · Zooming in on an image:
  - On the menu bar, click "View" and then zoom.
  - Use the magnifying tool and drag a box around the TP area.

#### Printing a Sanborn Map from the Electronic File

- EDR recommends printing all images at 300 dpi (300 dpi prints faster than 600 dpi).
- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

#### **Acrobat Version 4**

- Go to the Menu bar
- Press and hold the "T" button
- Choose the Graphics Select Tool
- Draw a box around the area selected
- Go to "Menu"
- Hightlight "Edit"
- Hightlight "Copy"
- · Go to a word processor such as Microsoft Word, paste and print.

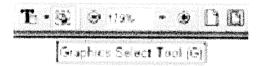
#### Acrobat Version 5

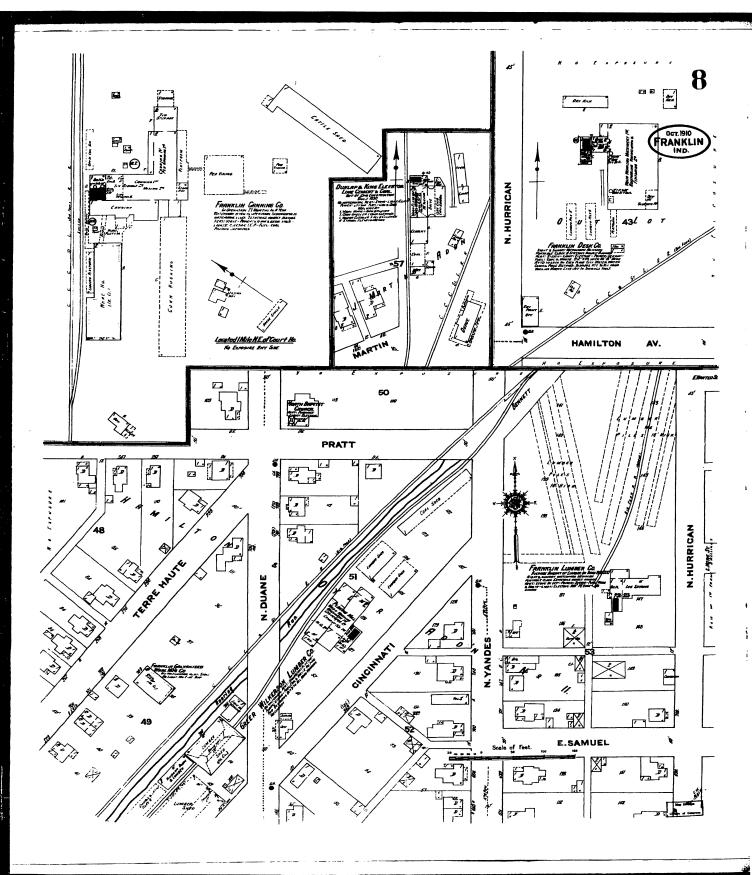
- Go to the Menu bar
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- · Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

#### Important Information about Email Delivery of Electronic

- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as 1 of 3, 2 of 3, etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

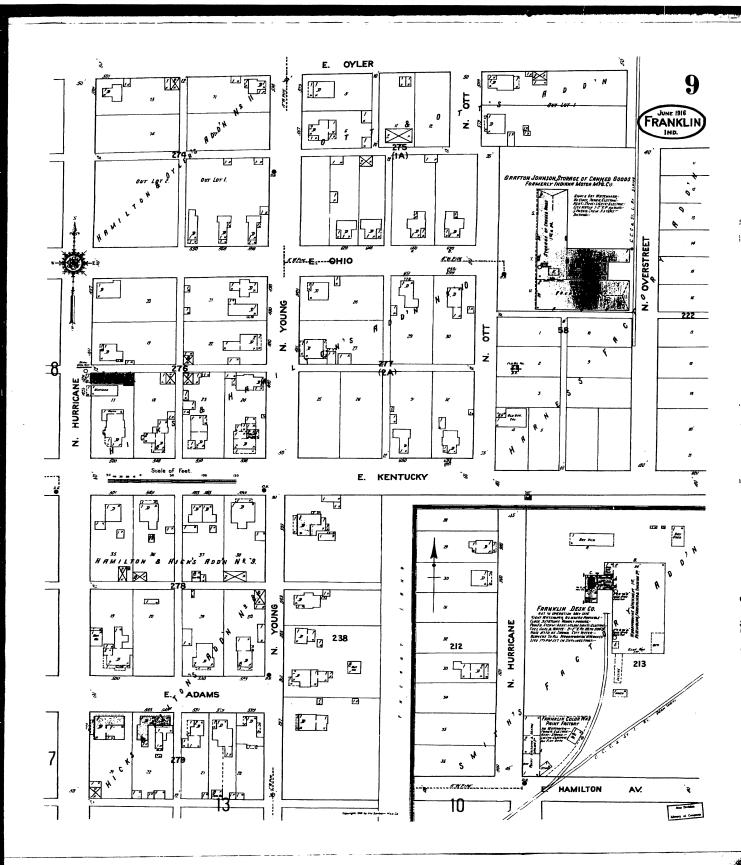






The Sanborn Library, LLC

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written



The Sanborn Library, LLC

Copyright© 1916

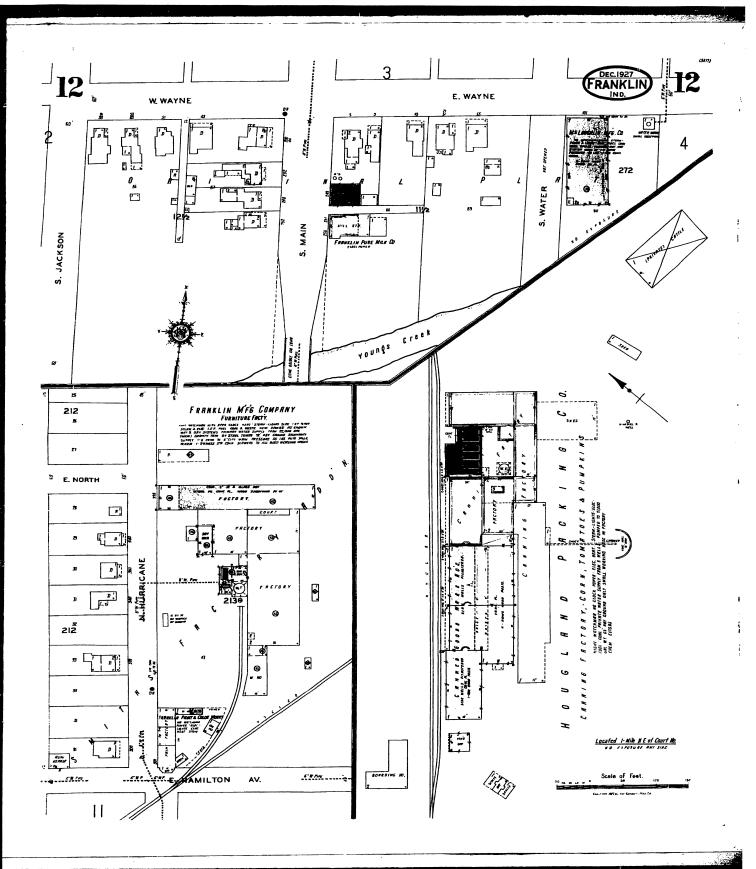
Year

The Sanborn Library, LLC

LHE

EDR Research Associate

Reproduction in whole or in past of any rag of the Sanborn Library, LLC may be prohibited without prior written



The Sanborn Library, LLC

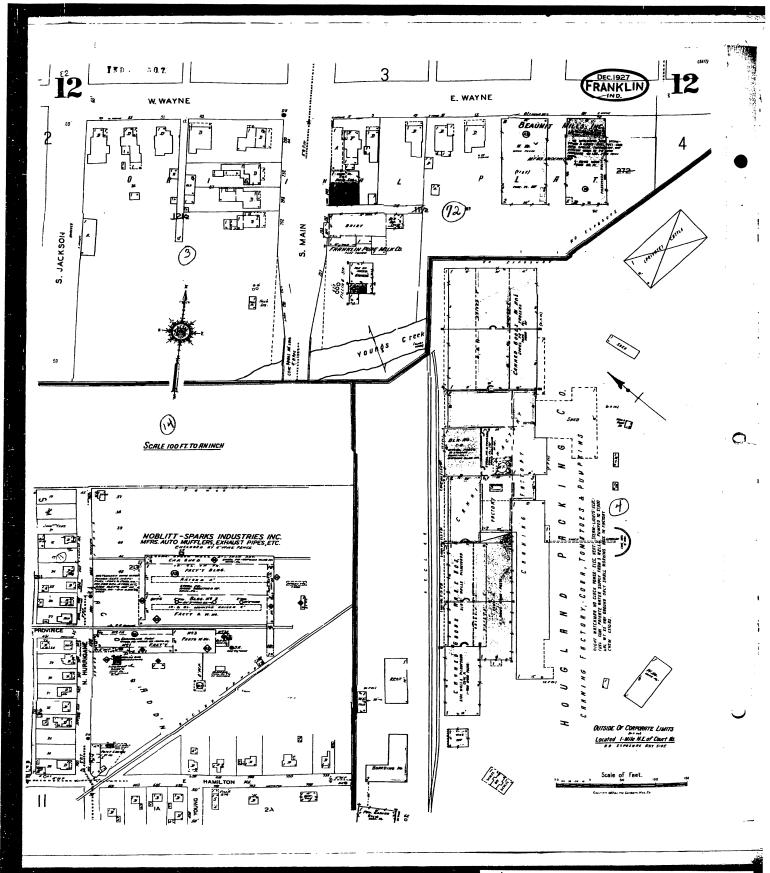
Copyright 1927

The Sanborn Library, LLC

LHE

EDR Research Associate

Reprinduction in which or in part of any map of The Sanborn Library, LLC may be prohibited without prior written







## The EDR-City Directory Abstract

Former Arvin Meritor Plant 1001 Hurricane Street Franklin, IN 46131

October 06, 2004

Inquiry Number: 1277247-7

### The Standard In Environmental Risk Management Information

440 Wheelers Farms Road Milford, Connecticut 06460

**Nationwide Customer Service** 

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

## **Environmental Data Resources, Inc. City Directory Abstract**

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires "All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful." (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

#### **City Directories**

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a "review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice." (ASTM E 1527-00, Section 7.3.2.1, page 12.)

#### NAICS (North American Industry Classification System) Codes

NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: http://www.census.gov/epcd/www/naicsdev.htm.

Please call EDR Nationwide Customer Service at 1-800-352-0050 (8am-8pm EST) with questions or comments about your report.

Thank you for your business!

#### Disclaimer - Copyright and Trademark Notice

This report contains information obtained from a variety of public and other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. It can not be concluded from this report that coverage information for the target and surrounding properties does not exist from other sources. Any analyses, estimates, ratings or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Any liability on the part of EDR is strictly limited to a refund of the amount paid for this report.

Copyright 2004 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

#### 4. SUMMARY

#### • City Directories:

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1959 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

## **Date EDR Searched Historical Sources:** City Directories Oct 06, 2004

**Target Property:** 1001 Hurricane Street Franklin, IN 46131

n	TID	ın
r	I / K	,,,,

Year	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1959	Arvin Industries Inc		Polk City Directory
 1964	Arvin Industries Inc		Polk City Directory
 1969	Arvin Industries Inc		Polk City Directory
1974	Arvin Industries Inc		Polk City Directory
 1979	Arvin Industries Inc		Polk City Directory
 1984	Arvin Automotive Div		Polk City Directory
 1989	Arvin North America Automotive Div		Polk City Directory
 1994	Arvin North America Automotive Div		Polk City Directory
2000	Arvin Industries		Polk City Directory

### **Adjoining Properties**

### **SURROUNDING**

Multiple Addresses Franklin, IN 46131

#### **PUR ID**

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1959	**HURRICANE ST**		P. II. C'. D'
	Residence (982)		Polk City Directory
	Residence (996)		
	Alma's Restaraunt (998)		
	McGinnis Restaraunt (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
1964	**HURRICANE ST**		Polls City Dimeston
	Residence (982)		Polk City Directory
	Residence (996)		
	Alma's Restaraunt (998)		

Year 1964 (contin	Uses	<u>NAICS</u>	Source
1904 (COM	McGinnis Restaraunt (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
1969	**HURRICANE ST**		
	Residence (982)		Polk City Directory
	Residence (996)		
	Vacant (998)	N/A	
	Hale's Restaraunt (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
1974	**HURRICANE ST**		
	Residence (982)		Polk City Directory
	Residence (996)		
	Carpenters Union Local 2993 (998)		
	Ragan's Restaraunt (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
.979	**HURRICANE ST**		
	Residence (982)		Polk City Directory
	Residence (996)		
	Carpenters Union Local 2993 (998)		
	Wilson's Cafeteria (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
984	**HURRICANE ST**		
	Residence (982)		Polk City Directory
	Residence (996)		
	Carpenters & Joiners Union Local 2993 (998)		
	ABC Cafeteria (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
	Residence (1000)		

Polk City Directory

PUR ID Year 1989 (contin	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
	Residence (982)		
	Residence (996)		
	Vacant (998)	N/A	
	ABC Cafeteria (1000)		
	Residence (1002)		
	Residence (1004)		
	Residence (1006)		
1994	**HURRICANE ST**		D # C': D' :
	Residence (982)		Polk City Directory
	Residence (996)		
	Vacant (998)	N/A	
	The Bottom Line (1000)		
	Not Verified (1002)		
	Residence (1004)		
	Residence (1006)		
2000	**HURRICANE ST**		Du Cir Di
	Residence (982)		Polk City Directory
	Residence (996)		
	Not Verified (998)		
	Not Verified (1002)		

Residence (1004) Residence (1006)



PHOTO: 01 LOCATION: Inside Manufacturing Building DESCRIPTION: View of manufacturing area



PHOTO: 02 LOCATION: Inside Manufacturing Building DESCRIPTION: View of former paint booth area



PHASE I ENVIRONMENTAL SITE ASSESSMENT ASSESSMENT PHOTOGRAPHS

FRANKLIN, IN

MALCOLM PIRNIE, INC.
DECEMBER 2004
APPENDIX E

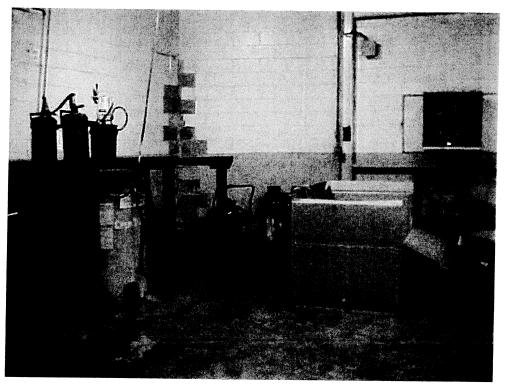
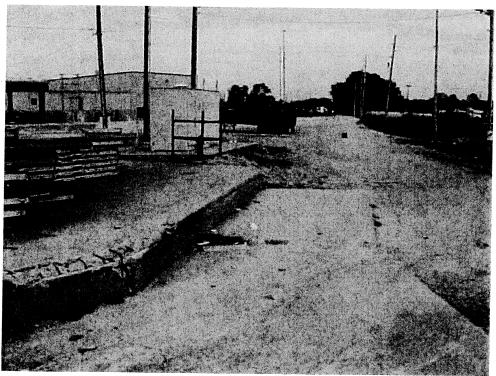


PHOTO: 03 LOCATION: Inside southeastern side of the building DESCRIPTION: View of chemical storage room



**PHOTO: 04** 

LOCATION: View to the northeast

DESCRIPTION: View of the exterior portion of the property

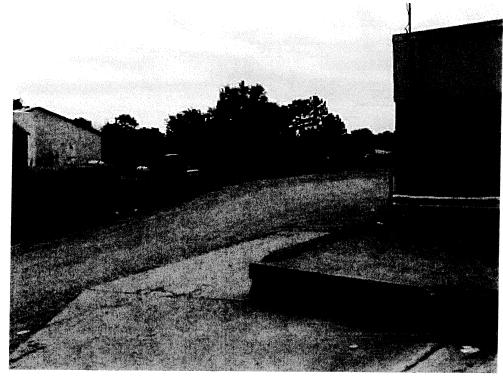


PHASE I ENVIRONMENTAL SITE ASSESSMENT
ASSESSMENT PHOTOGRAPHS

FRANKLIN, IN

MALCOLM PIRNIE, INC.
DECEMBER 2004

APPENDIX E



LOCATION: View to the southwest

DESCRIPTION: View of exterior portion of the property

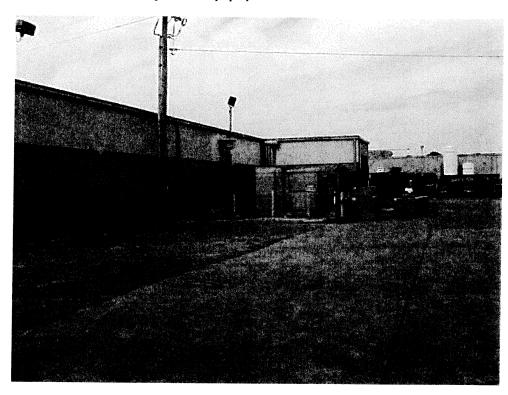


PHOTO: 06 LOCATION: View facing north DESCRIPTION: Eastern exterior of the building with transformers



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**ASSESSMENT PHOTOGRAPHS** FRANKLIN, IN

MALCOLM PIRNIE, INC. DECEMBER 2004 APPENDIX E

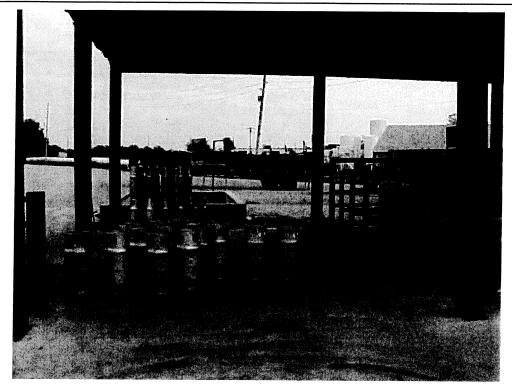


PHOTO: 07
LOCATION: Facing east along eastern side of building
DESCRIPTION: View of propane storage and AST location (inside yellow berm in background)



PHOTO: 8 LOCATION: Inside Manufacturing Building DESCRIPTION: View facing west of railroad tracks inside the building



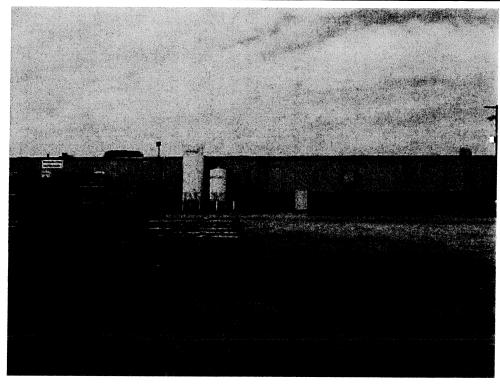
PHASE I ENVIRONMENTAL SITE ASSESSMENT

**ASSESSMENT PHOTOGRAPHS** 

FRANKLIN, IN

MALCOLM PIRNIE, INC.
DECEMBER 2004

APPENDIX E



**PHOTO: 09** 

LOCATION: View facing north

DESCRIPTION: Exterior of the building with Argon & Nitrogen tanks

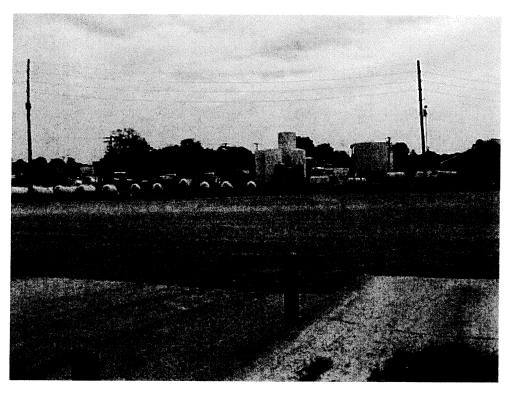


PHOTO: 10

LOCATION: Facing southeast

DESCRIPTION: View of exterior of property and adjacent property in background



PHASE I ENVIRONMENTAL SITE ASSESSMENT
ASSESSMENT PHOTOGRAPHS

FRANKLIN, IN

MALCOLM PIRNIE, INC.
DECEMBER 2004

APPENDIX E



**PHOTO:** 11 LOCATION: Inside Manufacturing Building
DESCRIPTION: View of new concrete pad which was replaced after air compressor remediation



**PHOTO: 12** LOCATION: Inside Manufacturing Building DESCRIPTION: View of machinery to be removed



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**ASSESSMENT PHOTOGRAPHS** 

MALCOLM PIRNIE, INC. DECEMBER 2004 APPENDIX E FRANKLIN, IN

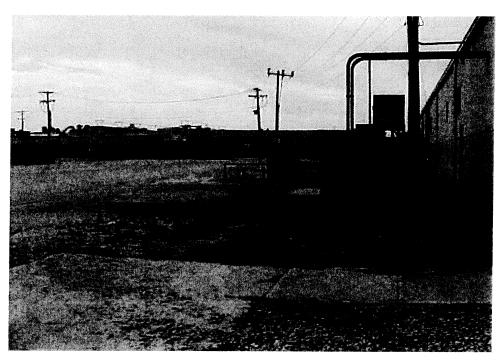


PHOTO:13 LOCATION: Facing southwest DESCRIPTION: View of exterior of the building and property



PHOTO: 14 LOCATION: Basement DESCRIPTION: Elevator



PHASE I ENVIRONMENTAL SITE ASSESSMENT

ASSESSMENT PHOTOGRAPHS

FRANKLIN, IN

MALCOLM PIRNIE, INC.
DECEMBER 2004

APPENDIX E

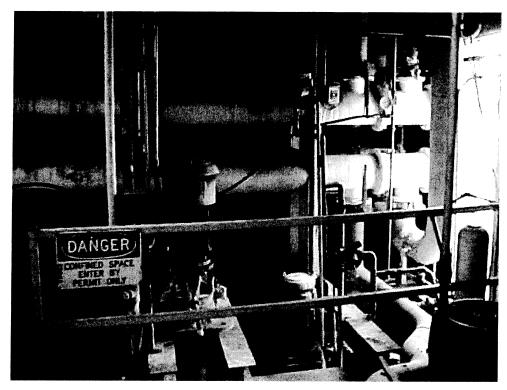


PHOTO: 15 LOCATION: Inside Manufacturing Building DESCRIPTION: View of cooling water system

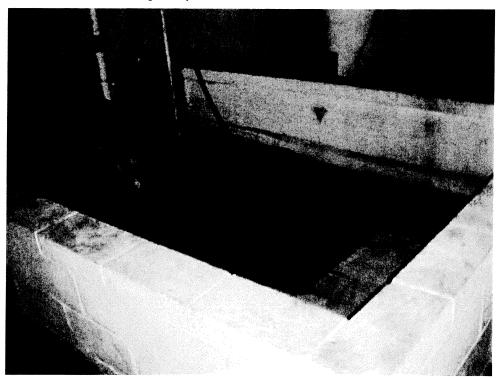


PHOTO: 16 LOCATION: Basement DESCRIPTION: View of oil/water separator

MALCOLM PIRNIE PHASE I ENVIRONMENTAL SITE ASSESSMENT

**ASSESSMENT PHOTOGRAPHS** 

FRANKLIN, IN

MALCOLM PIRNIE, INC.
DECEMBER 2004

APPENDIX E





PHOTO: 17
LOCATION: Facing west
DESCRIPTION: View of parking area across Hurricane Street. Wetlands area is located behind pine tree.



**PHOTO: 18** 

LOCATION: Facing northwest

DESCRIPTION: View of western exterior of the property and adjacent property in background



PHASE I ENVIRONMENTAL SITE ASSESSMENT
ASSESSMENT PHOTOGRAPHS

FRANKLIN, IN

MALCOLM PIRNIE, INC.

DECEMBER 2004

APPENDIX E

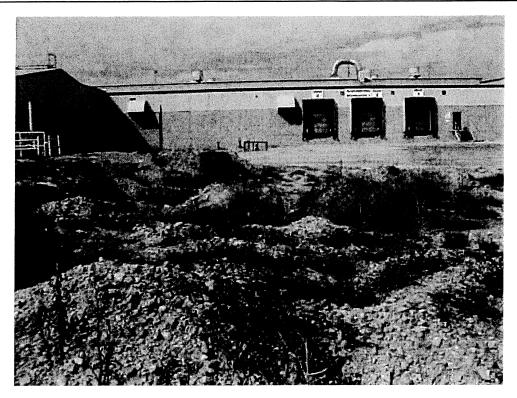
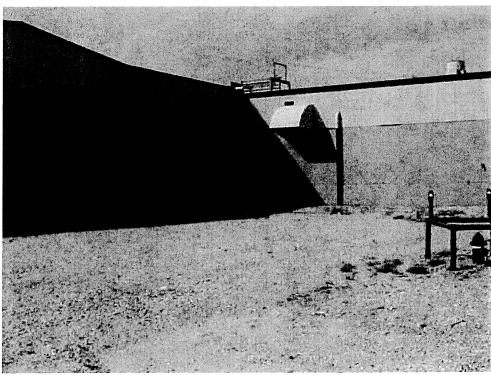


PHOTO:19 LOCATION: View facing north DESCRIPTION: Southern exterior of property at the former location of fuel oil tank



**PHOTO**: 20

LOCATION: View facing northwest DESCRIPTION: Southwest exterior corner of building where former boiler building was located



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**ASSESSMENT PHOTOGRAPHS** 

FRANKLIN, IN

MALCOLM PIRNIE, INC. DECEMBER 2004

APPENDIX E

28 June 2004

Dan Boucher Arvin Meritor 1001 N. Hurricane Street

Franklin, IN 46131

Re: 2003RY Toxic Release Inventory Report

Dear Dan:

Enclosed are materials for your 2003 TRI report, including one disk for submittal to IDEM, one disk for submittal to EPA, and one disk, paper copy of the report. Summary sheets for your facility will be sent to your facility Technical Contact, Deb Chelf.

The disks should be submitted with the corresponding signature letters signed by Bob Williams, Facilities Maintenance Manager, to the address at the top of the letters. Keep a copy of the signed letters for your records. A submission is considered timely if it is postmarked on or before July 1. Ms. Chelf has requested that all submittals be made via Certified Mail.

Feel free to contact me at 317-706-2012 or <u>john.cima@erm.com</u> if you have any questions or comments.

Sincerely,

John Cima

Project Scientist

CC:

, ,

		·								Λþ	PIOVA	Expires.	1101124			F	Page 1
1	ited states (vironmental Proency		O C	to-Kr	on 313 of the now Act of 19 ndments and	86, a	nergenc also kno	own as	ning ar Title I	no Conm	Tunit Supe	7 Right- rfund	4613	acility ID Numl 1RVNNR10011 Chemical, Cat	1		
WHE	ERE TO SEND CO	MPLI	ETED FO	RMS:	1. TRI Data F P.O.Box 1 Lanham, M	513						ATE OFFIC Appendix		Enter "X" he is a revision For EPA use			
lmp	oortant: See i	inst	ructio	ns to	determin	e w	/hen "	Not A	ppli	cable (I	NA)	boxes"	sho	uld be che	cked	<del></del>	
٠					RT I. FAC										<u> </u>	*****	
SE	CTION 1. REP	OR	TING Y	EAR	2003						<del></del>					<del></del>	
SE	CTION 2. TRA	DE	SECRE	T IN	FORMATIO	N				·					********		
2.1	Are you claiming Yes (Answ Attac	ver qu		2;	X	NO	trade se (Do not : Go to Se	answer :		2.2		nis copy swer only	if "YES"	Sanitized		Unsanit	ized
SEC	CTION 3. CER	TIFIC	CATION	l (lm	portant: Re	ad	and si	gn afte	er coi	mpletin	g all	form se	ection	s.)			
intoi	reby certify that I ha rmation is true and g data availble to th	comp	plete and	that th	ne amounts an	nts a d val	ind that, ues in th	to the be	est of r	ny knowle ccurate ba	dge a	and belief, on reasons	the sub able est	mitted imates			***************************************
	e and official title o					ment	official:					Signature	<b>e</b> :			Date	Signe
BOB	WILLIAMS MAINT	ENAI	NCE MAN	VAGE	R								~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			06/30	)/2004
	TION 4. FACI	LITY	IDENT	IFIC	ATION		<del></del>		· · · · · · · · · · · · · · · · · · ·			,					
4.1 Facilit	y or Establishment Na	me	1					······································		acility ID	•			INR1001N			
	NMERITOR, FRAN		J LEACILIT	Y					r acinty	O ESTABLIS	111116111	Name or IV	aling Ac	dress (if different	rom stre	et addre	SS)
Street	<u> </u>					***************************************		-	Mailing NA	Address	I				<del>, ., </del>		<del></del>
City/C	ounty/State/Zip Code						*********		City/St	ate/Zip Cod	e					Countr	ry (Non-l
FRAN	IKLIN		JOHNS	ON	****	IN	46131				, .						
4.2	This report cont (Important: che				d if applicable	)	a. [	/\	n entir	e b. [		Part of a facility	с. [	A Federal facility	d. C		GOCO
4.3	Technical Conta	act Na	ame	DE	3 CHELF									hone Number (i 379-3545	nclude a	area co	de)
	Email Address			NA				-	<del>- P. ( - ) )</del>	*****		•	- <u>L`</u>				
4.4	Public Contact I	Name		JER	RY RUSH									none Number (i 435-7907	nclude a	rea co	de)
4.5	SIC Code (s) (4	digits	s)	a.	Primary 3714	*******	b.		c	· <b>.</b>		d.		e.	f.		
4.6	Latitude	De	egrees		Minutes		<del> </del>	conds		ongitude	_	Degrees		Minutes	1	Secon	
4.7	Dun & Bradstre Number(s) (9 díg				29 dentification No. 1.D. No.) (12		:r		Facility	y NPDES er(s) (9 ch			4.10	Underground			l Code
	06414783	,,	a. IND		<del></del>		20(013)	a. NA		ci(s) (3 Cl	iaiac		a. NA	(UIC) I.D. N	umber(s	) (12 01	gits)
b.			b.	• •				b.					b.		<del></del>		
SEC	TION 5. PARE	NT (	COMPA	NY I	NFORMAT	ON											
5.1	Name of Parent	Com	pany	NA		AR	VINMER	RITOR, I	NC.				*************				
5.2	Parent Compan	y's Di	un & Brad	stree	Number	N	IA [		78808	32092							
PA F	orm 9350-1 (Rev. :	2/200	4 ) - Pre	vious	editions are ob	solet	te.	Printed	using	TRI-ME	RY20	03 4.4.12	*******************		6/27/	2004 0	4:05 P

FARTII. CHEMICAL - SPECIFIC INFORMATION

TRI Facility ID Number

1633 CNNF 100 N

Toxic Chemical, Category or Generic Name

Chromium

SE	CTION 1. TOXIC CHEMI	CAL IDEN	ГΙТ	Y (Important: DO NOT	complete this section if you	completed Section 2 below.)					
*****	CAS Number (Important: Enter only	one number ex	actiy	as it appears on the Section 313 list. Ent		•					
1.1	7440-47-3		<u>.</u>	pp	car category code it reporting a cite	emical category.)					
	Toxic Chemical or Chemical Catego	ory Name (Impor	tant	Enter only one name exactly as it appea	rs on the Section 313 list.)						
1.2	1.2 Chromium										
1.3	1.3 Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  NA										
1.4 NA	(if there are any numbers in boxes 1	-17, then every	field :	d Dioxin-like Compounds Categorius be filled in with either 0 or some nutual. If you do not have speciation data avail 6 7 8 9 10	mber between 0.01 and 100. Distrible, indicate NA.)	ribution should be					
SEC	CTION 2. MIXTURE COM	PONENT I	DE	NTITY (Important: DO NOT	complete this section if you						
	SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)  Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)										
2.1	NA	у Серрист (ипре	, ici ii	- Maximum of 70 characters, including no	umbers, letters, spaces, and punct	uation.)					
	SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)										
3.1	Manufacture the toxic ch	nemical	3.2	Process the toxic chemic	al: 3.3 Otherwise	use the toxic chemical:					
a.	a. Produce b. Import										
c. d. e. f.	e. As a byproduct d. Repackaging										
SECT	<b>TON 4. MAXIMUM AMOU</b>	INT OF TH	EΤ	OXIC CHEMICAL ONSITE	AT ANY TIME DURING	THE CALENDAR YEAR					
4.1				om instruction package.)							
SECT	ION 5. QUANTITY OF TH	IE TOXIC	CHE	MICAL ENTERING EACH	ENVIRONMENTAL ME	DIUM ONSITE					
				A. Total Release (pounds/year*) (Enter range code or estimate**)	B. Basis of Estimate (enter code)	C. % From Stormwater					
5.1	Fugitive or non-point air emissions	NA 🗌		179	М	22					
5.2	Stack or point air emissions	NA _		718	М						
5.3	Discharges to receiving stream water bodies (enter one name	ns or per box)									
	Stream or Water Body N	lame									
5.3.1	NA	***************************************									
5.3.2											
5.3.3											
If additi	onal pages of Part II, Section licate the Part II, Section 5.3 p	5.3 are attacl	ned, n th	indicate the total number of pag is box. (example	es in this box e: 1,2,3, etc.)						

						<del></del>
STANSON M. S.	The state of the s			75 K		
Lance 2 1 1		EPA F				
	factorial ( )		i home			Contraction of
	I. CHEMICA					
PAKII	I. CHEMICA	L' - SPECIF	IC INFOR	MATION	CONTI	NITENT
				******	(00111	ITOLD!

(died	TRI Facility ID Number	gonalari	Same.	.42
and the second	<b>分</b> 31次VNF和001以	Salasas M		
	Toxic Chemical, Category, or 0	Generi	Name	<u> </u>

			-					Chromit	ım			
SECTI	ON 5. QUANTITY OF T	HE TOXI	C CHE	MICAL E	NTER	NG EAC	H ENVIR	ONMENT	AL N	EDIUM	ONSI	TE (Continue
	to the second se	NA			(pounds	s/year*) (en or estimate	ter range	B. Basis (enter	of Est	imate		TE (SOMME
5.4.1	Underground Injection ons to Class I Wells	ite X			***************************************	***		(Onto		***************************************		
5.4.2	Underground Injection ons to Class II-V Wells	ite X		***************************************	····							
5.5	Disposal to land onsite											
5.5.1.A	RCRA Subtitle C landfills	X										
5.5.1.B	Other landfills	X			*			***************************************				
5.5.2	Land treatment/application farming	X						***************************************		<del>'</del>	<del></del>	
5.5.3A	RCRA Subtitle C Surface Impoundments	X									<del></del>	
5.5.3B	Other surface impoundmen	ts X		······································				<del></del>	******************			
5.5.4	Other disposal	х				Normania and an analysis and a				,		
SECTIO	ON 6. TRANSFERS OF	THE TOX	(IC CH	EMICAL	IN WA	STES TO	OFF-SIT	E LOCA	ΓΙΟΝ	s	1	
	CHARGES TO PUBLIC											
	otal Quantity Transferred						· · · · · · · · · · · · · · · · · · ·			······································	<del></del>	
	Total Transfers (pounds				6.1.		of Estima	ite	·	***************************************	• • • • • • • • • • • • • • • • • • • •	***************************************
	(enter range code** or est	imate) 0		***		(enter	code)					
	POTW Name n	EPARTMEN	T OF DU	IDLIC:MOT		M	****			***************************************	·····	
6.1.B 1				- VVOF	11.5	***************************************						
POTW Ad	Idress 79	96 S. STATE	ST.									
City F	RANKLIN			State	IN	County	логинос	1	************	***************************************	Zip	46131
6.1.B	POTW Name				`			***************************************	·			
POTW Ad	dress								·····			
City				State		County		<del></del>			Zip	
If addition	nal pages of Part II, Section	6.1 are atta	ched, in	dicate the	total nu	mber of pa	ıges					
in this bo	x and indicate the	Part II, Sect	ion 6.1 p	age numb	er in thi	s box [	(ex	ample: 1,2,	3, etc	.)		
SECTIO	N 6.2 TRANSFERS TO	OTHER	OFF-SI	TE LOC	ATION	S			******		<del>*</del>	
6.2. <u>1</u>	Off-Site EPA Identification	Number (I	RCRA IC	O No.)		IND98487	4776			***************************************		
Off-Site Lo	ocation Name SAFETY H	KLEEN SYS	TEMS								•	
Off-site Ad	Idress 475 PARK 800 I	DRIVE			<del></del>							
City GR	EENWOOD	State	IN	County	JOHNS	ON	**************************************		Zip	46143		Country (Non-US)
Is location	under control of reporting fac	cility or paren	t compar	ny?					] \	res	X	No

	<del></del>								·				Р	age 4 of
PARTII: C	HEMICA	SPECI	FORM	R	<b>PATION</b>	( Commerce )	ONTINGED,	Abstraces Represented	TRI Fac 25 312 Toxic CI Chromiu	VV JF hemic	1001 ง	<del></del>	eneric Na	ime
SECTION	.2 TRANSF	ERS TO O	THER OF	F-SI	TE LOCAT	10	NS (Continued)	}	Cinomic	1111				
A. Total Trans	sfers (pounds code** or esti	s/vear*)	В.		of Estimate			-T	C. Type o	f Was	te Trea	tment/Dis Recovery	sposal/	da)
1. 3			1.			С		1.					-tenter co	ue)
2. NA			2.					2.						
3.			3.					3.	<del></del>				***************************************	
<b>4</b> ."			4.		·			4.					·	
6.2. <u>2</u>	Off-Site EPA	Identification	Number (I	RCRA	ID No.)		OHD000816229	9		<del></del>	***************************************		·····	
Off-Site locatio	n Name	PRING GROV	E RESOUR	RCE RE	COVERY				***************************************					
Off-site Addres	s 4879 SI	PRING GROV	E AVENUE						······································	***************************************				
City CINCIN	INATI		State	он-	County	НА	AMILTON			Zip	45232		Country (Non-US	
Is location un										Yes	5	X	No	<u></u>
A. Total Trans (enter range	fers (pounds, code** or est	/year*) imate)		Basis o	f Estimate ode)			(	C. Type of Recycli	Wast ing/Er	e Treat ergy R	ment/Dis	posal/ (enter cod	le)
1. 12			1.	0				1.	M65		***************************************		***************************************	
2. NA			2.		·			2.					***************************************	
3.			3.					3.						
4.			4.					4.					******	
SECTION 7	A. ONSITE						D EFFICIENCY	<del>*.,</del>		**********	***************************************			*****************
	plicable (NA) -	maste stream	1 containing	the to	cic chemical of	app or c	olied to any chemical category.	**********	***************************************	************			***************************************	
a. General Waste Stream (enter code)	[ent	ste Treatment er 3-character		Sequen	ce		c. Range of Influe Concentration		d. Waste Efficier Estima	ncy	ment	e. Base Oper	d on ating Dat	a ?
7A.1a	7A.1b	1	······································	_ 2		1	7A.1c		7A	\.1d			7A.1e	<b>;</b>
المناسبين المناسب	6	- 4 7	·····	5 8		$\frac{1}{1}$	-				%		Yes	No
7A.2a	7A.2b	1		2		T	7A.2c		7A	2d			7A.2e	<u></u> )
	3	4 7	. Primer sus sussegnativists and sustain	5 8							%		Yes	No
7A.3a	7A.3b	1		2		$\vdash$	7A.3c	<del> -</del>	7 A	24		·		
	3	7 4	****	5		1	175.30	$\dashv$	/A	.3d		·····	7A.3e Yes	No
	6	7		8							%		163	140
7A.4a	7A.4b	1		2		П	7A.4c		7A.	.4d		***************************************	7A.4e	
	3	4		5				T					Yes	No
~ ~ ·	7A.5b	7		8		Ц		_			%	***************************************	<u> </u>	
7A.5a		1		2		H	7A.5c		7A.	.5d		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	7A.5e	

Yes

No

and indicate the Part II, Section 6.2/7A page number in this box:

If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box

(example: 1,2,3, etc.)

P	ag	e	5	of	5

PA	<b>8</b> TW	CHE	wie.	ÀL SF	EPA PCII	N FO	RN F	R R R R R	ICN	\c	ÇIN	C)	and the second
***************************************		****			***								

		raye 5 of
ž.	TRI Facility ID Number	
Section 1	4675 X (N V ( 100 N )	
	சிலீல் Chemical, Calegay, o	r Čenerii Nama 🐕
	Chromium	

P/	ARTWCHEMICAL SPICIF	IC INFORMATIO	CNYCS	NCINUED	1 675 X N	ທີ່ 100 ຄືນ ເດືອໄ, Category, or @seeris Name
		·			Chromium	loar, oziegaty, or essent Name s
oEC	TION 7B. ON-SITE ENERGY R	ECOVERY PROCE	SSES			
X		re if no on-site energy re intaining the toxic chemi	scovery is ap	oplied to any was ical category.	te	
	Energy Recovery Methods [enter 3-cha	racter code(s)]				VII.
	1	2			3	
SEC	TION 7C. ON-SITE RECYCLING	PROCESSES				***************************************
X		e if no on-site recyling is ntaining the toxic chemic	applied to cal or chemi	any waste cal category.		
	Recycling Methods [enter 3-character c	ode(s)]				
1	2	3		4	AANA SEESTIME VIII SEE SEE SEE SEE SEE SEE	5
6	7	8		9	PALLER BERTHAM AND	The state of the s
SEC	TION 8. SOURCE REDUCTION	AND BECYCLING	A 070 (17)			10
	HORE. GOORGE REDUCTION					
		Column A Prior Year		Column B Reporting Year	Column C Following Ye	
8.1		(pounds/year*)	1	unds/year*)	(pounds/year*	1
8.1a	Total on-site disposal to Class I		<del></del>			
V. 14	Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA ·	NA NA		NA '
8.1b 	Total other on-site disposal or other releases	1121	89	897 949		1004
ıC	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	0	1.	12		13
8.1d	Total other off-site disposal or other releases	0	3	}	4	4
8.2	Quantity used for energy recovery onsite	NA	NA		NA	NA
8.3	Quantity used for energy recovery offsite	NA	NA		NA	NA
8.4	Quantity recycled onsite	NA	NA		NA	NA
8.5	Quantity recycled offsite	NA	NA		NA	NA NA
8.6	Quantity treated onsite	NA	NA		NA	NA NA
8.7	Quantity treated offsite	NA	NA		NA	NA
8.8	Quantity released to the environment as or one-time events not associated with p	a result of remedial acti productionprocesses (po	ions, catastr ounds/year)	ophic events,	NA	
8.9	Production ratio or activity index		**************************************		0.81	
	Did your facility engage in any source reenter "NA" in Section 8.10.1 and answer	duction activities for this Section 8,11.	chemical di	uring the reporting	year? If not,	
3.10	Source Reduction Activities [enter code(s)]	1	Methods to I	Identify Activity (e	nter codes)	
3.10.1	NA	a.		b.		c.
3.10.2		a.		b.		C.
1.10.3		a.		b.		c.
.10.4		a.		b.	***************************************	C.
.11	Is additional information on source reducincluded with this report? (Check one B.	tion, recycling, or pollutions)	on control a	ctivities	****	Yes No

Form Approved OMB Number: 2070-0093 Approval Expires: 1/31/2006 PORTANT: Type or print; read instructions before completing form) Page 1 of 5 TRI Facility ID Number 46131RVNNR1001N Toxic Chemical, Category or Generic Name nvironmental Protection to-Know Act of 1986, also known as Title III of the Superfund gency Amendments and Reauthorization Act Enter "X" here if this HERE TO SEND COMPLETED FORMS: 1. TRI Data Processing Center 2. APPROPRIATE STATE OFFICE is a revision P.O.Box 1513 (See instructions in Appendix F) Lanham, MD 20703-1513 For EPA use only aportant: See instructions to determine when "Not Applicable (NA)" boxes should be checked. PART I. FACILITY IDENTIFICATION INFORMATION **ECTION 1. REPORTING YEAR** 2003 **ECTION 2. TRADE SECRET INFORMATION** Sanitized Unsanitized Are you claiming the toxic chemical identified on page 2 trade secret? Is this copy NO (Do not answer 2.2; Yes (Answer question 2.2; 2.2 (Answer only if "YES" in 2.1) Go to Section 3) Attach substantiation forms) ECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.) hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted iformation is true and complete and that the amounts and values in this report are accurate based on reasonable estimates sing data availble to the preparers of this report. Date Signed: Signature: ame and official title of owner/operator or senior management official: 06/30/2004 **OB WILLIAMS MAINTENANCE MANAGER ECTION 4. FACILITY IDENTIFICATION** TRI Facility ID Number 46131RVNNR1001N Facility or Establishment Name or Mailing Address (if different from street address) acility or Establishment Name RVINMERITOR, FRANKLIN FACILITY Mailing Address treet NA 301 N. HURRICANE ST. Country (Non-U City/State/Zip Code ity/County/State/Zip Code RANKLIN **JOHNSON** IN 46131 Part of a A Federal GOCO An entire This report contains information for: 1.2 facility facility d. facility (Important: check a or b; check c or d if applicable) Telephone Number (include area code) 1.3 **Technical Contact Name** DEB CHELF (812) 379-3545 NA Email Address Telephone Number (include area code) JERRY RUSH 1.4 **Public Contact Name** (248) 435-7907 Primary SIC Code (s) (4 digits) 3714 4.5 Ç. Seconds Minutes Degrees Minutes Seconds Degrees Longitude Latitude 4.6 32 086 39 29 Underground Injection Well Code Facility NPDES Permit **EPA Identification Number** Dun & Bradstreet 4.10 4.9 (UIC) I.D. Number(s) (12 digits) 4.7 (RCRA I.D. No.) (12 characters) Number(s) (9 characters) Number(s) (9 digits) NA IND 00641478 a. a. NA 006414783 b. b. b. b.

SEC	TION 5. PARENT COMPA	NY INFORMAT	ION		
5.1	Name of Parent Company	NA	ARVINME	RITOR,	INC.
5.2	Parent Company's Dun & Brad	Istreet Number	NA		788082092

EXPERIENCE RE	PARTII.	O O EPA-EORN R) O CHEMICAL - SPECIFIC INFORMATION	THE PARTY NAMED IN

	TRI Facility ID Number	- description of the second	
e e	63 KN IF 100 N Toxic Chemical, Category or	makan basa di	
	Nickel		<del></del>

Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)  Nickel  1.2 Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  NA  Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category.  (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data evalable, indicate NA.)  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 1.  NA  SECTION 2. MIXTURE COMPONENT IDENTITY (Important: Do NOT complete this section if you completed Section 1 above deneric Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)  NA  SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)  3.1 Manufacture the toxic chemical 3.2 Process the toxic chemical: 3.3 Otherwise use the toxic chemical: a. Produce b. Import  If produce or import: a. As a reactant a. As a chemical processing aid  c. For on-site use/processing b. As a formulation component c. Ancillary or other use  d. For sale/distribution c. X As an article component c. Ancillary or other use  e. As a byproduct d. Repackaging e. As an impurity  SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE	and the second of the second o				Thomas, Outegory of Generic Name						
CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)  7446-02-0  Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)  Nickel  1.2  Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  NA  Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category.  (If here are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have generated not as variable, indicate NA.)  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  NA  SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)  SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)  3.1 Manufacture the toxic chemical 3.2 Process the toxic chemical: 3.3 Otherwise use the toxic chemical: a. Produce b. Import If produce or import: a. As a reactant a. As a chemical processing aid b. As a formulation component b. As a manufacturing aid c. For on-site use/processing b. As a formulation component c. Ancillary or other use e. As a byproduct d. Repackaging e. As an impurity e. As an impurity c. As an impurity or other use SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE											
Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)  1.2   Toxic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  NA   Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category. (If there are any numbers in boxes 1-17, then very field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)  1					-						
1.2   Nickel 1.2   Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category. (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)  1.4   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   17   17   17   18   10   11   12   13   14   15   16   17   17   17   17   18   10   17   17   17   18   10   17   17   17   18   10   17   17   18   10   17   17   18   10   17   17   18   10   17   17   18   10   17   18   10   17   18   10   17   18   18   18   18   18   18   18	1.1 7440-02-0	r only one number exactly	r as it appears on the Section 313 list. En	ter category code if reporti	ng a chemical category.)						
1.2   Nickel 1.3   Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category. (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)  1.4   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   17   17   17   18   10   11   12   13   14   15   16   17   17   17   17   18   10   11   12   13   14   15   16   17   17   17   18   10   11   12   13   14   15   16   17   17   17   18   10   11   12   13   14   15   16   17   17   17   18   10   11   12   13   14   15   16   17   17   17   18   10   17   17   17   18   17   17   18   18	Toxic Chemical or Chemical C	ategory Name (Important:	Enter only one name exactly as it appea	rs on the Section 313 list.)							
Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category.  (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  NA  SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)  SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)  3.1 Manufacture the toxic chemical 3.2 Process the toxic chemical: 3.3 Otherwise use the toxic chemical: a. Produce b. Import If produce or import: a. As a reactant a. As a chemical processing aid b. As a formulation component b. As a manufacturing aid d. For sale/distribution c. X As an article component c. Ancillary or other use e. As a byproduct d. Repackaging e. As an impurity  SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR 1.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE											
1.4 reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA)  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 11  SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)  SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)  3.1 Manufacture the toxic chemical 3.2 Process the toxic chemical:  a. Produce b. Import  If produce or import:  a. As a reactant  b. As a formulation component  c. For on-site use/processing  d. For sale/distribution  c. X As an article component  d. Repackaging  f. As an impurity  SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR  4.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE	1.3 Generic Chemical Name (Imp	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  NA									
Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)  SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)  3.1 Manufacture the toxic chemical 3.2 Process the toxic chemical: 3.3 Otherwise use the toxic chemical: a. Produce b. Import If produce or import: a. As a reactant b. As a formulation component c. For on-site use/processing b. As a formulation component d. For sale/distribution c. X As an article component c. Ancillary or other use f. As an impurity section 4. Maximum amount of the Toxic Chemical on Site at Any Time During the Calendar Year 4.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE	1.4 reported in percentages and the second s	exes 1-17, then every field ne total should equal 100%	must be filled in with either 0 or some nu If you do not have speciation data avai	mber between 0.01 and 10 lable, indicate NA.)	42						
Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)  SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)  3.1 Manufacture the toxic chemical 3.2 Process the toxic chemical: 3.3 Otherwise use the toxic chemical: a. Produce b. Import If produce or import: a. As a reactant a. As a chemical processing aid b. As a formulation component d. For sale/distribution c. X As an article component c. Ancillary or other use e. As a byproduct d. Repackaging e. As an impurity  SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR 4.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE	SECTION 2. MIXTURE C	OMPONENT IDE	NTITY (Important: DO NOT	complete this section	if you completed Casting at 1						
3.1 Manufacture the toxic chemical  a. Produce b. Import If produce or import: c. For on-site use/processing d. For sale/distribution e. As a byproduct f. As an impurity  SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR  4.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE	SECTION 3. ACTIVITIES	AND USES OF TH	t: Maximum of 70 characters, including no	umbers, letters, spaces, ar							
a. Produce b. Import  If produce or import:  c. For on-site use/processing b. As a formulation component d. For sale/distribution c. X As an article component e. As a byproduct d. Repackaging f. As an impurity  SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR  4.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE			2 Process the toxic chemic	al: 3.3 Othe	Physe use the taxic chamical:						
4.1 02 (Enter two-digit code from instruction package.)  SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE	If produce or impor c. For on-site use/pro d. For sale/distributior e. As a byproduct	t: a. cessing b. c. d.	As a formulation compone  X As an article component  Repackaging	nt b. A	As a manufacturing aid Ancillary or other use						
SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE		<b>JOUNT OF THE T</b>	OXIC CHEMICAL ONSITE	AT ANY TIME DU	RING THE CALENDAR YEAR						
A TALES A	···   L (Cite										
		THE TOXIO OT	A. Total Release (pounds/year*)								
(Enter range code or estimate**) (enter code)	****				C. % From Stormwater						
Fugitive or non-point air emissions NA 4 M	air emissions	NA	4	М							
5.2 Stack or point air emissions NA 18 M	air emissions	***************************************	18	М							
Discharges to receiving streams or water bodies (enter one name per box)	Discharges to receiving s water bodies (enter one r	treams or name per box)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2								
Stream or Water Body Name	Stream or Water Bo	dy Name									
5.3.1 NA	.3.1 NA										
5.3.2	.3.2										
5.3.3	.3.3			·							
additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box  nd indicate the Part II, Section 5.3 page number in this box. (example: 1,2,3, etc.)	additional pages of Part II, Sec	tion 5.3 are attached,									

# PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

Nickel

SECTIO	ON 5. QUANTITY OF	THE TOXIC	CHEM	ICAL E	NTERII	NG EACH	I ENVIR	ONMEN	TAL MED	O MUIC	NSITE	(Continued
		NA	A. Total	Release		'year*) (ent	-	i	of Estima	ite		· · · · · · · · · · · · · · · · · · ·
5.4.1	Underground Injection on to Class I Wells	site X		***************************************	***************************************				,			
5.4.2	Underground Injection on to Class II-V Wells	site X				-	-					-
5.5	Disposal to land onsite											
5.5.1.A	RCRA Subtitle C landfills	<b>X</b>										
5.5.1.B	Other landfills	X										
5.5.2	Land treatment/application farming	n X										
5.5.3A	RCRA Subtitle C Surface Impoundments	X										
5.5.3B	Other surface impoundme	ents X							***************************************	<del>`~~~~~~~</del>		
5.5.4	Other disposal	X				·····						***************************************
SECTIO	SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS											
6.1 DIS	6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)											
6.1.A To	6.1.A Total Quantity Transferred to POTWs and Basis of Estimate											
6.1.A.1. Total Transfers (pounds/year*)  (enter range code** or estimate)  6.1.A.2 Basis of Estimate  (enter code)												
0 0												
6.1.B 1	POTW Name	DEPARTMEN	NT OF PU	BLIC WOF	RKS -							
POTW A	idress	796 S. STATI	E ST.					***************************************				
City F	RANKLIN			State	IN	County	JOHNSC	N			Zip	46131
6.1.B	POTW Name											
POTW Ac	idress											
City			***************************************	State	T	County			wawyttynthy, 1-44, 3-154	TV	Zip	
If addition	nal pages of Part II, Section	on 6.1 are atta	ached, inc	dicate the	total nu	mber of pa	iges	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				<u> </u>
in this bo	and indicate th	e Part II, Sec	tion 6.1 p	age numb	er in thi	s box	(	example: 1	,2,3, etc.)	-	······································	
	N 6.2 TRANSFERS T		*******	<del></del>	ATION	7						
6.2. <u>1</u>	Off-Site EPA Identification	on Number (	RCRA IE	) No.)		IND98487	74776				<del> </del>	
Off-Site Lo	ocation Name SAFETY	Y KLEEN SYS	STEMS									
Off-site Ad	ddress 475 PARK 80	00 DRIVE										
City GF	REENWOOD	State	IN	County	JOHNS	ON			Zip 4	6143		Country (Non-US)
Is location	under control of reporting t	facility or pare	nt compar	ηу?					Ye	s	Х	No

PARTII. C	HEN	inCAL S	EPA SPJECII	FORM FIC INI	IR)	NATION	70	GATINGED)	CANAL COMMENT	<b>2</b> 5/313	IV V JF			eneric N	ame
SECTION 6	2 TE	ANSFERS	דח חד	LUEB U	EE GIT	ELOCA	TIO	NS (Continued)		Nickel					
A. Total Trans	fers		*1	B.	Basis o	of Estimate		NS (Continued)	<del></del>	C. Type c	of Was	te Trea	tment/Dis	sposal/	
1. 3				1.	.,	,	С	The second section of the second seco	Recycling/Energy Recovery (enter code)  1. M62						
2. NA				2.					2.	1110-			······································	·	<del></del>
3.				3.	***************************************		·		3.						
4. `				4.		**********			4.			***************************************	<del></del>		
<b>6.2.</b> <u>2</u> O	ff-Site	<del></del>			mber (RCRA ID No.) OHD000816229										
Off-Site location Name SPRING GROVE RESOURCE RECOVERY								****	······································						
Off-site Address	S .	4879 SPRINC	3 GROVE	AVENUE	Z							······································			
City CINCINI	NATI			State	ОН	County	НА	MILTON		,	Zip	45232		Countr (Non-U	
Is location und	der co	ontrol of repo	orting fac	zility or pa	ility or parent company?						No	2/1			
A. Total Transfers (pounds/year*)  (enter range code** or estimate)  B. Basis of Estimate  (enter code)						C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)									
1. 0 1. C						1.	M65			*,					
2. NA 2.							2.				j				
3.	3.						3,								
4. 4.							4.						**************************************		
SECTION 7	l. 01							D EFFICIENCY					***************************************	************	***************************************
X Not App	olicable	wast	te stream	containing	g the tox		appl or c	lied to any hemical category.			***************************************	***************************************	***************************************	***************************************	M
a. General Waste Stream (enter code)	<u> </u>	b. Waste Tri [enter 3-c		Method(s)				c. Range of Influe Concentration	ent (	d. Waste Treatment Efficiency Estimate			e. Based on Operating Data?		ita ?
7A.1a	7A.11	3 ]	<b>,</b> 1		_ 2			7A.1c		7/	4.1d			7A.1	е
a Section	3 6		7	Manager and the state of the st	5 8							%		Yes	No
7A.2a	7A.21	<u> </u>	1		2	V.	77	7A.2c		7,	4.2d			7A.2	le
	3 6		4 7		5 8		$\left\  \cdot \right\ $					%		Yes	No
7A.3a	7A.3Ł	<u> </u>	1		2		+	7A.3c	+	7,	\.3d			74.2	
	3		] 4		5	***************************************	7		$\top$					7A.3 Yes	e No
	6		7		8		$\coprod$	í	$\perp$			%			
7A.4a	7A.4Ł		, 1		2		$\prod$	7A.4c		7A	\.4d			7A.4	е
	3 6		4 7		5 8		$- \parallel \parallel$					%		Yes	No
7A.5a	7A.5b		1		2		++	7A.5c	+		5d			7A.5	
	3		] 4		5		1		+	***				Yes	e No
	6		7		8		$\coprod$				•	%		f	
If additional page	es of I	art II, Sectio	on 6.2/7A	are attacl	hed, ind	icate the to	otal r	number of pages in	this	box					-

and indicate the Part II, Section 6.2/7A page number in this box:

(example: 1,2,3, etc.)

Page 5 of 5
er
Say, or Ceneric Name
,
<del></del>
·
2
Column D
Second Following Year
(pounds/year*)
NA I
24
0
3
NA A
NA .
NA NA

* 2	, *a					Page 5 of
PA	ARTECHEMICAL GPECIF	FORM R	CN/C9	Ntinges)	TRI Facility 16/53/75/N 16/06/CF3/N	
;C	TION 7B. ON-SITE ENERGY R	ECOVERY PROCE	SSES		1,00.0	
X	Check he	re if no on-site energy nontaining the toxic chem	ecovery is a	pplied to any was lical category.	te	
	Energy Recovery Methods [enter 3-cha	racter code(s)]				
******	1	2			3	
	TION 7C. ON-SITE RECYCLING					
*		re if no on-site recyling in entaining the toxic chemi	s applied to ical or chem	any waste ical category.		
	Recycling Methods [enter 3-character of	ode(s)]				
1	2	3		4 .	N N 88 8 - 8856-11 - 1	5
6	7	8		9	And the second s	10
SEC	TION 8. SOURCE REDUCTION	AND RECYCLING	ACTIVIT		Committee of the Commit	
-		Column A		Column B	1 0. 0	
		Prior Year	Current	Reporting Year	Column C Following Ye	
8.1		(pounds/year*)	(po	ounds/year*)	(pounds/year*)	) (pounds/year*)
i.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA NA		NA NA	NA I
.1b	Total other on-site disposal or other releases	27	:	?2	23	24
,	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	0		0	0	0
.1d	Total other off-site disposal or other releases	0		3	3	3
8.2	Quantity used for energy recovery onsite	NA	NA		NA	NA
8.3	Quantity used for energy recovery offsite	NA	NA	١	NA	NA
8.4	Quantity recycled onsite	NA	NA		NA	· NA
8.5	Quantity recycled offsite	NA	NA		NA	NA NA
8.6	Quantity treated onsite	NA	NA		NA	NA NA
8.7	Quantity treated offsite	NA	NA		NA	NA NA
8.8	Quantity released to the environment as or one-time events not associated with	s a result of remedial act productionprocesses (p	tions, catast counds/year)	rophic events.	NA	
8.9	Production ratio or activity index				0.93	
	Did your facility engage in any source re enter "NA" in Section 8.10.1 and answe	eduction activities for this r Section 8.11.	s chemical d	luring the reporting	g year? If not,	
8.10	Source Reduction Activities [enter code(s)]		Methods to	Identify Activity (e	enter codes)	
8.10.1	NA	a.		b.	_	c.
3.10.2		a.		b.		c.
R.10.3		a.		b.		C.
.0.4		a.		ь.		

8.11

Is additional information on source reduction, recycling, or pollution control activities included with this report ? (Check one Box)

Yes

No X

Environmental Resources Management

Fidelity Plaza, Tower Two 11350 N. Meridian, Suite 27 Carmel, IN 46032 (317) 706-2000 (317) 706-2010 (fax) http://www.erm.com



27 June 2003

Dan Boucher Arvin Merirtor 1001 N. Hurricane Street

Franklin, IN 46131

Re: 2002RY Toxic Release Inventory Report

Dear Dan:

Enclosed are materials for your 2002 TRI report, including one disk for submittal to IDEM, one disk for submittal to EPA, and one disk, paper copy of the report. Summary sheets for your facility will be sent to your facility Technical Contact, Deb Chelf.

The disks should be submitted with the corresponding signature letters signed by Mike Alte to the address at the top of the letters. Keep a copy of the signed letters for your records. A submission is considered timely if it is postmarked on or before July 1. Ms. Chelf has requested that all submittals be made via Certified Mail.

Feel free to contact me at 317-706-2012 or john.cima@erm.com if you have any questions or comments.

Sincerely,

John Cima Project Scientist

cc:

#### Signature Certification for U.S. EPA Diskette Submission

ARVINMERITOR, FRANKLIN FACILITY 1001 N. HURRICANE ST. FRANKLIN, IN 46131 46131RVNNR1001N

June 27, 2003

TRI Data Processing Center c/o Computer Sciences Corportation Suite 300 8400 Corporate Drive New Carrollton, MD 20785

(301) 429-5005

To Whom It May Concern:

Enclosed please find one (1) microcomputer diskette containing toxic chemical release reporting information for:

#### ARVINMERITOR, FRANKLIN FACILITY

This information is submitted as required under section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and the Pollution Prevention Act of 1990.

We are submitting a total of 2 chemical report(s) for our facility.

These 2 chemical report(s) are described below:

TRI Chemical or Chemical Category	Reporting Year	CAS Number	Report
Chromium	2002	7440-47-3	Form R
Nickel	2002	7440-02-0	Form R

Our technical point of contact is:

DEB CHELF (812) 379-3545 NA

and is available should any questions or problems arise in the processing of this diskette.

If the enclosed diskette contains one or more Form R chemicals, then I hereby certify that I have reviewed the enclosed documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report(s) are accurate based on reasonable estimates using data available to the preparers of this report(s).

If the enclosed diskette contains one or more Form A chemicals, then I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the Form A statement, the annual reportable amount as defined in 40 CFR 372.27(a) did not exceed 500 pounds for this reporting year and that the chemical was manufactured, processed or otherwise used in an amount not exceeding 1 million pounds during the reporting year.

Sincerely,

MIKE ALTE SITE MANAGER Enclosure: Diskette

#### Signature Certification for State Diskette Submission

ARVINMERITOR, FRANKLIN FACILITY 1001 N. HURRICANE ST. FRANKLIN, IN 46131 46131RVNNR1001N

June 27, 2003

Mr. Brian Stevens
OPPTA
Indiana Department of Environmental Management
150 West Market Street, Suite703
Indianapolis, IN 46204-2811
317 234-0203; fax 317 233-5627

To Whom It May Concern:

Enclosed please find one (1) microcomputer diskette containing toxic chemical release reporting information for:

#### ARVINMERITOR, FRANKLIN FACILITY

This information is submitted as required under section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and the Pollution Prevention Act of 1990.

We are submitting a total of \_\_\_\_2 \_\_ chemical report(s) for our facility.

These 2 chemical report(s) are described below:

TRI Chemical or Chemical Category	Reporting Year	CAS Number	Report
Chromium	2002	7440-47-3	Form R
Nickel	2002	7440-02-0	Form R

Our technical point of contact is:

DEB CHELF (812) 379-3545 NA

and is available should any questions or problems arise in the processing of this diskette.

If the enclosed diskette contains one or more Form R chemicals, then I hereby certify that I have reviewed the enclosed documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report(s) are accurate based on reasonable estimates using data available to the preparers of this report(s).

If the enclosed diskette contains one or more Form A chemicals, then I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the Form A statement, the annual reportable amount as defined in 40 CFR 372.27(a) did not exceed 500 pounds for this reporting year and that the chemical was manufactured, processed or otherwise used in an amount not exceeding 1 million pounds during the reporting year.

Sincerely,

MIKE ALTE SITE MANAGER

Enclosure: Diskette



#### TOXIC CHEMICAL RELEASE INVENTOFY REPORTING TORM

**Environmental Protection** Agency

Lnitec States

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

VHERE TO SEND	COMPLETED FORMS:	1.	TRI Data Processing Center
			D O Pay 1512

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision

Lantham, MD 20703-1513 For EPA use only Important: See instructions to determine when "Not Applicable (NA)" boxes should be checked. PART I. FACILITY IDENTIFICATION INFORMATION **SECTION 1. REPORTING YEAR** 2002 **SECTION 2. TRADE SECRET INFORMATION** Unsanitized Are you claiming the toxic chemical identified on page 2 trade secret? Is this copy Sanitized 2.1 Yes (Answer question 2.2; NO (Do not answer 2.2; 2.2 (Answer only if "YES" in 2.1) Go to Section 3) Attach substantiation forms) SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.) I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data availble to the preparers of this report. Date Signed: Signature: Name and official title of owner/operator or senior management official: 06/30/2003 Mike Alte Site Manager **SECTION 4. FACILITY IDENTIFICATION** TRI Facility ID Number 46131RVNNR1001N Facility or Establishment Name or Mailing Address (if different from street address) Facility or Establishment Name ArvinMeritor, Franklin Facility Mailing Address Street NA 1001 N. Hurricane St. Country (Non-US City/State/Zip Code City/County/State/Zip Code Franklin Johnson IN 46131 Part of a A Federal An entire This report contains information for: GOCO 4.2 facility facility facility (Important: check a or b; check c or d if applicable) Telephone Number (include area code) 4.3 Deb Chelf **Technical Contact Name** (812) 379-3545 NA **Email Address** Telephone Number (include area code) 4.4 **Public Contact Name** Jerry Rush (248) 435-7907 **Primary** SIC Code (s) (4 digits) 4.5 3714 d. C. Minutes Seconds Minutes Seconds Degrees Degrees Longitude 4.6 Latitude 48 086 39 32 Underground Injection Well Code Facility NPDES Permit **EPA Identification Number** Dun & Bradstreet 4.10 (UIC) I.D. Number(s) (12 digits) (RCRA I.D. No.) (12 characters) Number(s) (9 characters)

#### b. DADENT COMPANY INCODMATION

IND 00641478

Number(s) (9 digits)

006414783

a.

b.

SEC	SECTION 5. PARENT COMPANY INFORMATION					
5.1	Name of Parent Company	NA		ArvinMerito	or, Inc.	
5.2	Parent Company's Dun & Brad	street N	umber	NA		788082092

a. NA

b.

a. NA

b.

# EPA FORM R

	TRI Facility ID Number
)\$ <sup>58</sup> 0	46131RVNNR1001N
b <sub>aya</sub>	Toxic Chemical, Category or Generic Name
	Chromium

DARTH CULTURAL COCCURS ASSESSMENT			
FART II. CHEMICAL - SPECIFIC INFORMATION	Toxic Chemical, Category or Generic Name		
	Chromium		
SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT	complete this section if you completed Section 2 below.)		
CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. En	ter category code if reporting a chemical category.)		
1.1 7440-47-3			
Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appear	rs on the Section 313 list.)		
Ontoinan			
1.3 Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". General NA	ric Name must be structurally descriptive.)		
Distribution of Each Member of the Dioxin and Dioxin-like Compounds Categorate (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some numbers in percentages and the total should equal 100%. If you do not have speciation data avais 1 2 3 4 5 6 7 8 9 10	mber between 0.01 and 100. Distribution should be lable, indicate NA.)		
NA .			
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT	complete this section if you completed Section 1 above.)		
Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including n			
2.1 <sub>NA</sub>			
SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT T (Important: Check all that apply.)	HE FACILITY		
3.1 Manufacture the toxic chemical: 3.2 Process the toxic chemic	al: 3.3 Otherwise use the toxic chemical:		
a. Produce b. Import			
If produce or import:  a. As a reactant	a. As a chemical processing aid		
c. For on-site use/processing b. As a formulation component b. As a manufacturing aid			
d. For sale/distribution c. X As an article component	c. Ancillary or other use		
e. As a byproduct d. Repackaging			
f. As an impurity e. As an impurity			
SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE.	AT ANY TIME DURING THE CALENDAR YEAR		
4.1 05 (Enter two-digit code from instruction package.)			
SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH	ENVIRONMENTAL MEDIUM ONSITE		
A. Total Release (pounds/year*) (Enter range code or estimate**)	B. Basis of Estimate (enter code) C. % From Stormwater		
5.1 Fugitive or non-point air emissions NA 224	м		
5.2 Stack or point air emissions NA 897	M		
5.3 Discharges to receiving streams or water bodies (enter one name per box)			
Stream or Water Body Name			
5.3.1 Hurricane Creek 0	M NA		
5.3.2			
5.3.3			
If additional pages of Part II, Section 5.3 are attached, indicate the total number of page and indicate the Part II, Section 5.3 page number in this box.	es in this box		

\* For Dioxin or Dioxin-like compounds, report in grams/year

#### EPA FORM F

#### PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

	TRI Facility ID Number
Serve S	46131RVNNR1001N
No. design	Toxic Chemical, Category, or Generic Name
	Chromium

SECTIO	ON 5. QUANTITY OF	THE TOXIC	CHEM	ICAL EN	TERIN	IG EACH	ENVIR	ONMENT	AL M	EDIUM O	NSITE	(Continued)
		NA		Release (	pounds/	year*) (ente or estimate)	r range	B. Basis				
5.4.1	Underground Injection on to Class I Wells	site X										
5.4.2	Underground Injection on to Class II-V Wells	site X										
5.5	Disposal to land onsite	- 3										
5.5.1.A	RCRA Subtitle C landfills	X										
5.5.1.B	Other landfills	X							******************************			
5.5.2	Land treatment/application farming	n X							····	·		
5.5.3	Surface Impoundment	X		yearne and the continuous market								
5.5.4	Other disposal	X										
SECTIO	N 6. TRANSFERS O	F THE TOX	IC CHE	MICAL I	N WA	STES TO	OFF-SI	TE LOCA	TION	S		
6.1 DIS	CHARGES TO PUBL	ICLY OWN	ED TRE	ATMEN	T WOF	RKS (PO	ΓWs)					
6.1.A To	tal Quantity Transferre	d to POTW	s and Ba	sis of Es	timate							
	Total Transfers (pound (enter range code** or e				6.1.	A.2 Basis (enter		ate				
		0			1	М		***************************************	******			
6.1.B. 1	POTW Name	Department of	f Public W	orks								
POTW Ad	ddress	796 S. State S	St.	· · · · · · · · · · · · · · · · · · ·								
City F	ranklin			State	IN	County	Johnson				Zip	46131
6.1.B.	POTW Name											
POTW Ad	ldress					***************************************						
City				State		County					Zip	
If addition	nal pages of Part II, Section	on 6.1 are atta	ached, inc	dicate the	total nu	mber of pa	ges					
in this bo	and indicate th	e Part II, Seci	tion 6.1 pa	age numb	er in thi	s box [	(	example: 1	2,3, etc	;.)		
	N 6.2 TRANSFERS				ATION	T						
6.2. <u>1</u>	Off-Site EPA Identificati		RCRA ID	No.)	-	NA						
Off-Site L	ocation Name	de Landfill r and Recyclin	g Station									
Off-site A	ddress 2561 Kentucl	ky Avenue										
City Inc	tianapolis	State	IN	County	Marion				Zip	46221		Country (Non-US)
Is location	under control of reporting	facility or pare	nt compar	ıy?						Yes	X	No

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

<sup>\*\*</sup> Range Codes: A= 1- 10 pounds; B= 11- 499 pounds; C= 500 - 999 pounds.

# EPA FORM F. PARTIL CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

_	
	TRI Facility ID Number
,	46131RVNNR1001N
200	Toxic Chemical, Category, or Generic Name
	Chromium

			····	***					Critoria	7111					
	***************************************		*************	THER O	FF-SIT	E LOCA	ΓΙΟΙ	NS (Continued)							
A. Total Trans (enter range	A. Total Transfers (pounds/year*)  (enter range code** or estimate)  B. Basis of Estimate (enter code)								C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)						
1. 0	·····			1.	1. 0										
2. NA	***************************************			2.					2.	,					
3.				3.					3.						
4,				4.					4.						
6.2. <u>2</u>	off-Site	EPA Identi	ification	Number (	RCRA	ID No.)		NA	<del></del>	·····					
Off-Site locatio	n Nam	e Warrio	r Oil												
Off-site Addres	s	809 Overstre	et												
City Franklin	1			State	IN	County	Joh	nson		Zip 4613	Country (Non-US)				
Is location un	der co	ntrol of repo	orting fac	cility or pa	arent co	mpany?				Yes	X No				
A. Total Trans (enter range	fers ( code*	pounds/year* * or estimate	') )		Basis of enter co	f Estimate ide)			C. Type of Recycl	Waste Trea	tment/Disposal/ Recovery (enter code)				
1. 0				1.	0				1. M62						
2. NA		MARK TO THE RESERVE T		2.	*************************				2.						
3.				3.	3.					3.					
4,	4.					4.									
SECTION 7	SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY														
X Not Ap	plicable	Che (NA) - was	ck here if te stream	no on-site	waste tox	reatment is ic chemical	appli or ch	ed to any nemical category.							
General     Waste Stream     (enter code)		b. Waste Tre [enter 3-c	eatment h haracter	Method(s) code(s)]	Sequenc	ce		c. Range of Influe Concentration	ent d. Waste Efficie Estima		e. Based on Operating Data?				
7A.1a	7A.11		1		2		$\prod$	7A.1c	7.4	\.1d	7A.1e				
	3		4	***************************************	5		41			%	Yes No				
7A 0-	6 7A.2t	<u> </u>	7		8	, , , , , , , , , , , , , , , , , , ,	+	7A.2c	70	\.2d	71.0				
7A.2a	3		1 4		2 5		┨╏	77.20			7A.2e Yes No				
	6		7				11			%					
7A.3a	7A.3t		1		2		††	7A.3c	7A	3d	7A.3e				
<del></del>	3		] 4 [		5	****	1				Yes No				
	6		7		8		$\coprod$			%					
7A.4a	7A.4b		, 1		2		<b>↓</b>	7A.4c	7A	4d	7A.4e				
	3		4		5		41			%	Yes No				
74 -	6 7 <b>A.5</b> b		7		8		++								
7A.5a	3		1 4		2 5	****	┨┠	7A.5c	7 <u>A</u>	.5d	7A.5e				
	6		7		3		$ \cdot $			%	Yes No				
	es of F		n 6.2/7A		ned, ind		tal n	umber of pages in	this box	- F					
and indicate the	Part II	Section 6.2	/7A page	number i	n this b	ox:		(example: 1,2,3, e	tc.)						

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

	TRI Facility ID Number
e to	46131RVNNR1001N
	Toxic Chemical, Category, or Generic Name
	Chromium

n a	THE CHEMICAL COLOUR	ICHIECONIA TIO		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	8		
TA.	RT IN CHEMICAL-SPECIE		:: (GU)	A : INDED) =	To	oxic Chemical, Ca	itegory, or Generic Name
					CI	romium	
SEC	TION 7B. ON-SITE ENERGY RI	ECOVERY PROCES	SES				
X	Not Applicable (NA) - stream co	re if no on-site energy recontaining the toxic chemic	covery is ap al or chemi	plied to any wast cal category.	е		
	Energy Recovery Methods [enter 3-cha	racter code(s)]	***************************************				
1	2	3			4		-
SECT	TION 7C. ON-SITE RECYCLING	PROCESSES					
X	Not Applicable (NA) - Check her stream co	re if no on-site recyling is ntaining the toxic chemical					
***************************************	Recycling Methods [enter 3-character c	ode(s)]			<del></del>		
1	2	3	W	4		5	
6	7	8		9	*****	10	
SECT	TION 8. SOURCE REDUCTION	AND RECYCLING	ACTIVITI	ES			
		Column A	T (	Column B		Column C	Column D
		Prior Year (pounds/year*)	Current	Reporting Year unds/year*)	1	ounds/year*)	Second Following Year (pounds/year*)
8.1	Quantity released ***	865	11	21		1105	1186
8.2	Quantity used for energy recovery onsite	NA	NA		NA		NA
8.3	Quantity used for energy recovery offsite	NA	NA		NA		NA
8.4	Quantity recycled onsite	NA	NA		NA		NA
8.5	Quantity recycled offsite	NA	NA		NA		NA
8.6	Quantity treated onsite	NA	NA		NA		NA
8.7	Quantity treated offsite	NA	NA		NA		NA
8.8	Quantity released to the environment a catastrophic events, or one-time event processes (pounds/year)				NA		
8.9	Production ratio or activity index				1.30		
8.10	Did your facility engage in any source enter "NA" in Section 8.10.1 and answ	reduction activities for this	s chemical	during the reporti	ng year	? If not,	
0,10	Source Reduction Activities [enter code(s)]	1	Methods to	Identify Activity (	enter co	odes)	
8.10.1	NA	a.		b.		c.	
8.10.2		a.		b.		c.	
8.10.3		a.		b.		c.	
8.10.4		a.		b.		c.	
8.11	Is additional information on source re included with this report? (Check on		ution contro	d activities			Yes No

EPA Form 9350-1 (Rev. 03/2003) - Previous editions are obsolete.

<sup>\*</sup>For Dioxin or Dioxin-like compounds, report in grams/year

<sup>\*\*\*</sup>Report releases pursuant to EPCRA Section 329 (8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated onsite.

(IMPC	ORTANT: Type or p	orint;	read ins	structio	ns before completing	g form)				proval Expire		2003		Page 1 of
Lni Env	EPA tec States vironmental Pro ency	tecti	on	Secti also	ion 313 of the Er known as Title II	nergei	ncy Pla	ınning	and C	IN ommunity F	\EVI Right-to	CHEMICAL RI CFY REPOR -Know Act of 19 norization Act	Tive	
WHE	RE TO SEND COI	MPLE	TED F	ORMS	: 1. TRI Data Proces P.O.Box 1513 Lantham, MD 2					E STATE OF ns in Appendi		Enter "X" here is a revision For EPA use on		
lmp	ortant: See i	nstr	ructio	ns to	o determine w	hen "	'Not A	pplic	able (	NA)" box	es sho	ould be check	æd.	
				PA	RT I. FACILIT	Y ID	ENTIF	ICA	ΓΙΟΝ	INFORM	OITA	VÍ		
SEC	CTION 1. REP	ORT	ING Y	/EAR	2002									
SEC	CTION 2. TRA	DE S	SECR	ET IN	FORMATION									
2.1	Yes (Answ	er qu		2.2;		Do not	ecret? answer 2 ection 3)	2.2;	2.2	ls this copy (Answer on	L	Sanitized [S" in 2.1)	U	nsanitized
SEC	TION 3. CERT	rific	CATIO	N (Im	portant: Read a	and si	gn afte	er con	pletin	g all form	section	ns.)		
infor	eby certify that I ha mation is true and g data availble to th	comp	lete and	d that t	tached documents at he amounts and valu report.	nd that, ues in th	to the be	est of m	y knowl curate b	edge and beli ased on reaso	ef, the su nable es	bmitted timates		
Name	and official title of	own	er/opera	ator or	senior management	official:				Signat	ure:	L disap		Date Signed:
Mike	Alte Site Manager													06/30/2003
	TION 4. FACII	LITY	IDEN	TIFIC	ATION	<del></del>		T						
4.1	or Establishment Na	me	T				<del></del>	<del> </del>	<u>-</u>			NNR1001N address (if different fro	m stree	t address)
-	Meritor, Franklin Fa		J					<u> </u>	***************************************					
Street 1001 N	I. Нилісале St.							Mailing NA	Address					
City/Co	ounty/State/Zip Code			***************************************			***********	City/Sta	te/Zip Co	de	<u> </u>			Country (Non-US
Frankl	in I		Johnso	on	IN	46131	····	<u> </u>						**************
4.2	This report cont (Important: che					a. [		n entire	ь. [	Part of facility	c. L	•	d. <u></u>	
4.3	Technical Conta	ict Na	ıme	Del	b Chelf							phone Number (inc ) 379-3545	lude ai	rea code)
	Email Address			NA				***************************************						
4.4	Public Contact I	Vame		Jer	ry Rush	<b></b>					<u></u>	ohone Number (inc ) 435-7907	lude ar	rea code)
4.5	SIC Code (s) (4	digits	s)	a.	Primary 3714	b.		c.		d.		е.	f.	
4.6	Latitude	De	grees		Minutes	Se	conds	1.0	ngitude	Degree		Minutes		Seconds
7.0	Dun & Bradstre	et	39	EPA I	29 dentification Numbe	<u> </u>	32 			Permit 08	6	02 Underground I	niectio	48 n Well Code
4.7	Number(s) (9 dig		4.8	(RCR	A I.D. No.) (12 chara		4.9	Numbe		characters)	4.10	(UIC) I.D. Nun		
മസി	)6/1/783		- 101	NADO C	1/70		I - NIA				1 - NI	Δ.		

b.

ArvinMeritor, Inc.

NA

Parent Company's Dun & Bradstreet Number

**SECTION 5. PARENT COMPANY INFORMATION** 

NA

Name of Parent Company

5.1

5.2

788082092

# EPA PORM IX FART II. CHEMICAL - SPECIFIC INFORMATION

	. age x of a
	TRI Facility ID Number
in.	46131RVNNR1001N
Say.	Toxic Chemical, Category or Generic Name
	Nickel

		Toxic Chemical, Category or Generic Name								
		Nickel								
SECTION 1. TOXIC CHEMICAL IDE		te this section if you completed Section 2 below.)								
CAS Number (Important: Enter only one number 1.1 7440-02-0	exactly as it appears on the Section 313 list. Enter catego	ry code if reporting a chemical category.)								
	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)									
1.2 Nickel										
1.3 Generic Chemical Name (Important: Complete or NA	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)  NA									
(If there are any numbers in hoves 1-17, then eve	tin and Dioxin-like Compounds Category.  ry field must be filled in with either 0 or some number betwill 100%. If you do not have speciation data available, indi  6 7 8 9 10 1	cate NA.)								
SECTION 2. MIXTURE COMPONENT	IDENTITY (Important: DO NOT complet	e this section if you completed Section 1 above.)								
Generic Chemical Name Provided by Supplier (Im	portant: Maximum of 70 characters, including numbers, le									
NA NA										
SECTION 3. ACTIVITIES AND USES C	OF THE TOXIC CHEMICAL AT THE FA	CILITY								
3.1 Manufacture the toxic chemical:	3.2 Process the toxic chemical:	3.3 Otherwise use the toxic chemical:								
a. Produce b. Import										
If produce or import:	If produce or import:  a. As a reactant  a. As a chemical processing aid									
c. For on-site use/processing	b. As a formulation component	b. As a manufacturing aid								
d. For sale/distribution	c. X As an article component	c. Ancillary or other use								
e. As a byproduct	d. Repackaging	, and and of balls, asc								
f. As an impurity	e. As an impurity									
SECTION 4. MAXIMUM AMOUNT OF T	HE TOXIC CHEMICAL ONSITE AT AN	Y TIME DURING THE CALENDAR YEAR								
4	ode from instruction package.)									
SECTION 5. QUANTITY OF THE TOXIC	CHEMICAL ENTERING EACH ENVIR	ONMENTAL MEDIUM ONSITE								
	A. Total Release (pounds/year*) B, E	asis of Estimate C. % From Stormwater onter code)								
5.1 Fugitive or non-point air emissions	5	M								
5.2 Stack or point air emissions NA	22	M								
Discharges to receiving streams or water bodies (enter one name per box)										
Stream or Water Body Name										
5.3.1 Hurricane Creek	0	M NA								
5.3.2										
5.3.3										
f additional pages of Part II, Section 5.3 are atta and indicate the Part II, Section 5.3 page number	ched, indicate the total number of pages in thir r in this box. (example: 1,2,3,									

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year \*\* Range Codes: A= 1- 10 pounds; B= 11- 499 pounds; C= 500 - 999 pounds.

EPA Form 9350-1 (Rev. 03/2003) - Previous editions are obsolete.

	et in the second	£.	<u> </u>	garden f	į.	K	7 4	TRI Facilit	y ID N	umber		
	'I'. CHEMICAL - S	EPAFO	Rivi F					46131RVN	INR10	01N		
PART	II. CHEMICAL -	SPECIFI	C INFO	RMATI	ON (C	ONTIN	UED)	Toxic Che	mical,	Category, o	or Gene	ric Name
								Nickel				
SECTIO	N 5. QUANTITY OF	THE TOXI	C CHEMI	CAL EN	TERIN	G EACH	ENVIR	ONMENTA	_ ME	O MUIC	ISITE	(Continued)
		NA	A. Total I		-	ear*) (ente r estimate)	r range	B. Basis of (enter co		ate		
5.4.1	Underground Injection on to Class I Wells								,			
5.4.2	Underground Injection on to Class II-V Wells	site X		ONLINE DESCRIPTION	general North and the control of the	Same of a division of the Same			Saydiesijas	Sandid an edujo.	3-32-52-52-52-52-5	
5.5	Disposal to land onsite							ı				
5.5.1.A	RCRA Subtitle C landfills	X									****	
5.5.1.B	l	X										
5.5.2	Land treatment/applicatio farming										444	
5.5.3	Surface Impoundment	×										
5.5.4	Other disposal	X			<u> </u>							
	ON 6. TRANSFERS O	******						TE LOCAT	IONS	<u> </u>		
	CHARGES TO PUBL					KS (PO	(Ws)					
	otal Quantity Transferre		Vs and Ba	sis of Es	1			4-				
	Total Transfers (pound (enter range code** or e				6.1.4	<b>۱.2 Basis</b> enter (		nate				
		0				0						
6.1.B. 1	POTW Name	Department	of Public W	orks								
POTW A		796 S. State	St.									
City F	Franklin			State	IN	County	Johnson	······			Zip	46131
6.1.B.	POTW Name					•						
POTW A	ddress	, , , , , , , , , , , , , , , , , , ,										
City				State		County	1		***		Zip	
If addition	onal pages of Part II, Secti	ion 6.1 are a	ttached, in	dicate the	total nu	mber of pa	ages					
in this b	ox and indicate t	he Part II, Se	ection 6.1 p	age numb	er in thi	s box		(example: 1,2,	3, etc.	)		
SECTIO	ON 6.2 TRANSFERS	TO OTHE	R OFF-SI	TE LOC	ATION	S						
6.2. <u>1</u>	Off-Site EPA Identificat		r (RCRA II	) No.)		NA						
Off-Site L	_ocation Name I	ide Landfill er and Recyc	ling Station									
Off-site A												
City In	dianapolis	Stat	e IN	County	Marion				Zip	46221	<u> </u>	Country (Non-US)
le locatio	n under control of reporting	facility or na	rent compa	nv?					7,	es.	Х	No

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

### EPA FORM F PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
46131RVNNR1001N
Toxic Chemical, Category, or Generic Name
Nickel

				Nickel					
SECTION 6.2	TRANSFERS TO OT	HER OFF-SITE LOCA	ATIONS (Continued)						
A. Total Transfer (enter range co	rs (pounds/year*) ode** or estimate)	B. Basis of Estima (enter code)	te	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)					
1. 0		1.	0	1. M73					
2. NA		2.		2.					
3.		3.		3.					
4. 4.									
6.2. 2 Off-Site EPA Identification Number (RCRA ID No.) NA									
Off-Site location	Name Warrior Oil								
Off-site Address	809 Overstreet								
City Franklin		State IN County	Johnson	Zip 46131	(Non-US)				
		ility or parent company?		Yes	X No				
A. Total Transfer (enter range of	rs (pounds/year*) ode** or estimate)	B. Basis of Estimat (enter code)	е	C. Type of Waste Treat Recycling/Energy R	ment/Disposal/ Recovery (enter code)				
<b>1</b> . 0		1. 0		1. M62	j				
2. NA		2.		2.	!				
3.		3.		3.					
4.		4.		4.					
SECTION 7A.	SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY								
X Not Appli		no on-site waste treatment containing the toxic chemic							
a. General Waste Stream (enter code)	b. Waste Treatment I [enter 3-character		c. Range of Influ Concentration						
7A.1a	'A.1b 1	2	7A.1c	7A.1d	7A.1e				
	3 4 7	5 8		%	Yes No				
7A.2a	'A.2b 1	2	7A.2c	7A.2d	7A.2e				
	3 4 7	5 8		%	Yes No				
7A.3a 7	A.3b 1	2	7A.3c	7A.3d	7A.3e				
	3 4	5		%	Yes No				
	6 7	8		· · · · · · · · · · · · · · · · · · ·					
7A.4a	(A.4b 1	2	7A.4c	7A.4d	7A.4e				
	3 4 7	5 8		%	Yes No				
7A.5a 7	A.5b 1	2	7A.5c	7A.5d	7A.5e				
1	3 4	5		%	Yes No				
	6 7	8							
• -	s of Part II, Section 6.2/7A art II, Section 6.2/7A page	are attached, indicate the number in this box:	e total number of pages in total number of pages in (example: 1,2,3,		_				
				-					

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

	TRI Facility ID Number
9	46131RVNNR1001N
4	Toxic Chemical, Category, or Generic Name
	Nickel

2000 B	<b>EPA E</b>	ORM P	A Joseph March		46131RVNNR10	001N
OA?	EPA S IN CHEMICAL SPECIFIC	CINFORMATIO!	K(CO,Y	ไท้บED)	Toxic Chemical,	Category, or Generic Name
ā.	10-10				Nickel	
SECTI	ON 7B. ON-SITE ENERGY RE	COVERY PROCESS	SES			
X	Not Applicable (NA) - Check here stream con	if no on-site energy reco taining the toxic chemica	overy is appl I or chemica	ied to any waste I category.		
	Energy Recovery Methods [enter 3-chara	acter code(s)]				· 
1	2	3			4	
SECTI	ON 7C. ON-SITE RECYCLING	PROCESSES				
X	Not Applicable (NA) - Check here stream con	if no on-site recyling is a taining the toxic chemica	applied to an I or chemica	y waste I category.		
1	Recycling Methods [enter 3-character co	de(s)]				***************************************
1	2	3		4		5
6	7	8		9 [		10
SECT	ON 8. SOURCE REDUCTION	AND RECYCLING A	CTIVITIE	S		
		Column A Prior Year (pounds/year*)	Co Current F	olumn B leporting Year nds/year*)	Column C Following Year (pounds/year*)	Column D Second Following Year (pounds/year*)
8.1	Quantity released ***	41	27		27	.√29
8.2	Quantity used for energy recovery onsite	NA	NA		NA	NA
8.3	Quantity used for energy recovery offsite	NA	NA		NA	NA
8.4	Quantity recycled onsite	NA	NA		NA	NA
8.5	Quantity recycled offsite	NA	NA		NA	NA
8.6	Quantity treated onsite	NA	NA		NA	NA
8.7	Quantity treated offsite	NA	NA		NA	NA
8.8	Quantity released to the environment a catastrophic events, or one-time event processes (pounds/year)	as a result of remedial ac s not associated with pro	tions, duction		NA	
8.9	Production ratio or activity index				0.66	
	Did your facility engage in any source enter "NA" in Section 8.10.1 and answ	reduction activities for thi er Section 8.11.	s chemical o	during the reporti	ng year? If not,	
8.10	Source Reduction Activities [enter code(s)]		Methods to	Identify Activity (	enter codes)	
8.10.1	NA	а.		b.		С.
8.10.2		а.		b.		c.
8 10 3		a. b. c.				

b.

PA Form 9350-1 (Rev. 03/2003) - Previous editions are obsolete.

included with this report? (Check one Box)

8.10.4

8.11

a.

Is additional information on source reduction, recycling, or pollution control activities

\*For Dioxin or Dioxin-like compounds, report in grams/year

Yes

No

X

C.

<sup>\*\*\*</sup>Report releases pursuant to EPCRA Section 329 (8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated onsite.



#### INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon Governor

Lon F. Kaplan Commissioner

Recycled Paper

Hile with 1999 Form R.

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

October 20, 2000

DEB CHELF ARVIN EXHAUST 1001 NORTH HURRICANE ST. FRANKLIN, IN 46131

County:JOHNSON Facility ID:46131RVNNR1001N

Chemical Reviewed: Reported Release:

MANGANESE 392 pounds

[64-00]

FKC

Please Recycle 🗘

In reviewing your 1999 Toxic Release Inventory Form R report for this chemical, we notice that you reported a 90% decrease in the release value for this chemical based on 1998 values. This represents a significant decrease. Please provide us with more information about this decrease. We are interested in identifying source reduction efforts that result in significant decreases of reported wastes.

To get accurate information in the 1999 Indiana Toxic Release Inventory press release, we must ask that you submit your revisions to the state no later than November 20, 2000. If you change a reported value, you will need to file a revision with the U.S. EPA.

Please fax this form to my attention at 317-233-5627, e-mail a response (jchavez@dem.state.in.us), or mail it to the address on the letterhead. Thank you for your assistance

Sincerely

John B. Chavez, Chief
Pollution Prevention Branch

Explan	ation of the low release value:
	This value is in error. The correct release value is We will file a revision with U.S. EPA and mail IDEM a copy to the address on the letterhead.
	Our release for this chemical <i>did</i> drop significantly from 1998 to 1999 because:
	The releases are from welding fume. 1998 numbers were trusted on
star	The releases are from welding fume. 1998 numbers were trased on Other, please explain: AP-42 emission foctors. 1999 numbers are based on k text direct measurements obtained using EPA stock
Signed:	Delug Cheef Printed Name DEBRACHELF Date 10-36-00

An Equal Opportunity Employer



#### INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon Governor

Lori F. Kaplan Commissioner

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

October 20, 2000

**DEB CHELF ARVIN EXHAUST** 1001 NORTH HURRICANE ST. FRANKLIN, IN 46131

[64-00]

County: JOHNSON Facility ID:46131RVNNR1001N

Chemical Reviewed:

**NICKEL** 

FKC

Reported Release:

28 pounds

In reviewing your 1999 Toxic Release Inventory Form R report for this chemical, we notice that you reported a 98% decrease in the release value for this chemical based on 1998 values. This represents a significant decrease. Please provide us with more information about this decrease. We are interested in identifying source reduction efforts that result in significant decreases of reported wastes.

To get accurate information in the 1999 Indiana Toxic Release Inventory press release, we must ask that you submit your revisions to the state no later than November 20, 2000. If you change a reported value, you will need to file a revision with the U.S. EPA.

Please fax this form to my attention at 317-233-5627, e-mail a response (jchavez@dem.state.in.us), or mail it to the address on the letterhead. Thank you for your assistance

Sincerely

John B. Chavez, Chief Pollution Prevention Branch

Explana	tion of the low release value:	
	This value is in error. The correct release value is We will file a revision with U.S. EPA and mail IDEM a copy to the address on the letterhead.	
	Our release for this chemical <i>did</i> drop significantly from 1998 to 1999 because:	
	The soleman building I all the soleman to the solem	נ. פ
	The releases are from wilding fume. 1998 number were based on AT Other, please explain: emission fortors. 1999 numbers are based on tack test direct measurements obtained using EPA	-45
X	tack texting Diotocol.	
Signed:	Ulua Chelf Printed Name DEBRA CHELF Date 10-36-00	
Recycled Paper	• An Familia and An Familia	



#### INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon Governor

Lori F. Kaplan Commissioner 100 North Senate Avenue P.O. Box 6015 Indianapolis, Indiana 46206-6015 (317) 232-8603 (800) 451-6027 www.state.in.us/idem

October 20, 2000

DEB CHELF ARVIN EXHAUST 1001 NORTH HURRICANE ST. FRANKLIN, IN 46131

[64-00]

County:JOHNSON Facility ID:46131RVNNR1001N

FKL

Chemical Reviewed: Reported Release:

CHROMIUM 1163 pounds

In reviewing your 1999 Toxic Release Inventory Form R report for this chemical, we notice that you reported a 81% decrease in the release value for this chemical based on 1998 values. This represents a significant decrease. Please provide us with more information about this decrease. We are interested in identifying source reduction efforts that result in significant decreases of reported wastes.

To get accurate information in the 1999 Indiana Toxic Release Inventory press release, we must ask that you submit your revisions to the state no later than November 20, 2000. If you change a reported value, you will need to file a revision with the U.S. EPA.

Please fax this form to my attention at 317-233-5627, e-mail a response (jchavez@dem.state.in.us), or mail it to the address on the letterhead. Thank you for your assistance

Sincerely

John B. Chavez, Chief Pollution Prevention Branch

This value is in error. The correct release value is \_\_\_\_\_\_. We will file a revision with U.S. EPA and mail IDEM a copy to the address on the letterhead.

Our release for this chemical did drop significantly from 1998 to 1999 because: \_\_\_\_\_\_\_

The release for this chemical did drop significantly from 1998 to 1999 because: \_\_\_\_\_\_\_

Other, please explain: on APP 43 emission flucture 1999 numbers are based on stack test direct measurements obtained using EPA stack

Signed: Delta Cheller Printed Name DEBRA CHELF Date 10-36-00

Page 1 of 5

Form Approved OMB Number: 2070-0093 Approval Expires: 01/01/2001

WIT ON TA	9	ype or	print, read	instructions before	e completin
<b>.</b>	FF	Λ			

#### FORM R

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

**United States** 

Environmental Protection Agency	Section 313 of the Emergenc also known as Title III of the S	y Planning and Com Superfund Amendme	munity Right-to-Kents and Reautho	Cnow Act of 1986, rization Act
WHERE TO SEND COMPLETED FO	ORMS: 1. EPCRA Reporting Center P.O Box 3348	(See instructions		Enter "X" here if this is a revision
	Merrifield, VA 22116-334 ATTN: TOXIC CHEMICA	8 AL RELEASE INVENTOR	<b>Y</b>	For EPA use only
Important: See instruction				
Important: See instruction				3
SECTION 1. REPORTING Y	PART I. FACILITY IDE	NTIFICATION IN	NFORMATION	
SECTION 2. TRADE SECRE				
2.1 Yes (Answer question 2. Attach substantiation	nical identified on page 2 trade secret?  2;  No (Do not answer Go to Section 3	' 1 1	opy Sar	itized Unsanitized
SECTION 3. CERTIFICATIO	N (Important: Read and s	ign after completin	ng all form section	ne l
I hereby certify that I have reviewed the	attached documents and that to the t	est of my knowledge and	holiaf the authoritied	ліз.,
using data available to the preparers of	nat the amounts and values in this repo this report	rt are accurate based on re	easonable estimates	
Name and official title of owner/operato			Signature:	Date Signed
TOM JONES	FACILITY MANAGER			06/26/2000
SECTION 4. FACILITY IDEN	ITIFICATION			
4.1		TRI Facility ID Number	46131-RVNNR-1001N	
Facility or Establishment Name		Facility or Establishment Na		f different from street address)
ARVIN EXHAUST				
Street		Mailing Address		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1001 NORTH HURRICANE STREET				
City/County/State/Zip Code FRANKLIN JOHNSON		City/County/State/Zip Code		
Torinoon	IN 46131-			-
4.2 This report contains information (Important : check a or b; check	2	An entire facility b.	Part of a facility	c. A Federal facility
4.3 Technical Contact Name	DEB CHELF		Telep	phone Number (include area code)
	3-20,122			379 - 3545
4.4 Public Contact Name	JOHN BROWN			hone Number (include area code)
4.5 SIC Code (s) (4 digits)	Primary		(812)	379 - 3389
Description	<b>a.</b> 3714 <b>b.</b>	c.	d.	e. f.
4.6 Latitude Degrees 039	Minutes         Second           29         32	s Longitude	Degrees	Minutes Seconds
Dun & Bradetreet	FPA Identification Number	Facility AIRDER B	086	02 48
4.7 Number(s) (9 digits)	(RCRA I.D. No.) (12 characters)	4.9 Facility NPDES Per Number(s) (9 chara	4 10	lerground Injection Well Code C) I.D. Number(s) (12 digits)
				, (a) (12 digita)
AIA	ALA	ı. NA	a. NA	
ALA	NA k	ı. NA D.	a. NA b.	

Parent Company's Dun & Bradstreet Number

5.2

NA

006414361

**ARVIN INDUSTRIES** 

NA

#### **EPA FORM R**

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
CHROMIUM

1	DADTII CUEMI	ICAI CDEA	CICIC INICODIA ATION	<del></del>			
	TANTII. CHEIVII	ICAL-SPE	CIFIC INFORMATION		nemical, Category or Generic Name		
				CHROMIU	M		
SE	CTION 1. TOXIC CHEMIC		( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		completed Section 2 below.)		
1.1	CAS Number (Important: Enter of 007440473	only one number	exactly as it appears on the Section 313	list. Enter category code i	f reporting a chemical category.)		
4.0		egory Name (Imp	portant: Enter only one name exactly as it	annears on the Section 3	13 liet )		
1.2	CHROMIUM			appears on the section of	TO list.)		
1.3	Generic Chemical Name (Importa	ant: Complete	only if Part 1, Section 2.1 is checked "	es". Generic Name must	be structurally descriptive.)		
SEC	CTION 2. MIXTURE COM	PONENT IDE	ENTITY (Important: DO NOT com	olete this section if you	completed Section 1 above.)		
			nportant: Maximum of 70 characters, inc				
2.1	NA						
SEC	CTION 3. ACTIVITIES ANI (Important: Check al	D USES OF 'I that apply.)	THE TOXIC CHEMICAL AT TI	HE FACILITY			
3.1	Manufacture the toxic ch	nemical: 3	3.2 Process the toxic chemica	il: 3.3 Otherwi	se use the toxic chemical:		
a	. Produce b. In	nport					
d e f.	For sale/distribution  As a byproduct		<ul> <li>a. As a reactant</li> <li>b. As a formulation component</li> <li>c. X As an article component</li> <li>d. Repackaging</li> </ul>	b. As a r	As a chemical processing aid As a manufacturing aid Ancillary or other use		
SEC	TION 4. MAXIMUM AMOU	JNT OF THE	TOXIC CHEMICAL ONSITE	AT ANY TIME DUR	ING THE CALENDAR YEAR		
4.1	04 (Enter two-	digit code fro	om instruction package.)				
SEC	TION 5. QUANTITY OF T	HE TOXIC C	HEMICAL ENTERING EACH	ENVIRONMENTAL	MEDIUM ONSITE		
			A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of Estimate (enter code)	C. % From Stormwater		
5.1	Fugitive or non-point air emissions	NA .	233	М			
5.2	Stack or point air emissions	NA 📗	930	M			
5.3	Discharges to receiving streams of water bodies (enter one name per						
	Stream or Water Body Na	me					
5.3.1	NA .						
5.3.2							
5.3.3							
5.4.1	Underground Injection onsite to Class I Wells	NA X	NA				
5.4.2	Underground Injection onsite to Class II-V Wells	NA X	NA				
addition	onal pages of Part II, Section 5.3 icate the Part II, Section 5.3 page	are attached, in	ndicate the total number of pages in t				

### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
CHROMIUM

## EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

	TRI Facility ID Number
	46131-RVNNR-1001N
l	Toxic Chemical, Category or Generic Name
ı	CHROMIUM

									-	СН	IROMIUM		
SECT	TION 5. Q	UANTITY	OF THE TOX	CIC CH	EMICAL	LENT	ER	NG EA	CH ENVIR	ONMI	ENTAL MEDIUN	/ ONS	SITE(Continued
	-		N	A A. T	otal Relea			s/year) (er or estimate	- 1		is of Estimate er code)		
5.5	Disposa	I to land onsit	e										
5.5.1	A RCRAS	ubtitle C land	Ifills X	NA			en annen gregori			200		1)45x1212	
5.5.11	B Other lar	ndfills	×	NA								Mercula di Januaria	
5.5.2	Land trea	atment/applica	ation	NA						-			
5.5.3	Surface	mpoundment	×	NA							**************************************		
5.5.4	Other dis	posal	Х	NA									
SECT	ION 6. TE	RANSFER	S OF THE TO	OXIC C	HEMIC	AL IN	WA	STES T	O OFF-SI	TE LO	OCATIONS		
			JBLICLY OW										
			ferred to POTV									<del></del>	
6.1.A.1	I. Total Tra	ansfers (po	ounds/year)			T	6.1.	A.2 Basi	s of Estima	nte			
	(enter rai	nge code* c	or estimate)					(ente	r code)				
	0							0					
6.1.B.1		POTW Name	DEPARTMENT	OF PUE	BLIC WO	RKS			***************************************				
POTW	Address		796 SOUTH ST	TATE ST	REET								<u> </u>
City F	RANKLIN				Stat	e II	N	County	JOHNSON			Zip	46131-
6.1.B.2		POTW Name				L			1				
POTW A	\ddress												***************************************
City			A		State	e		County				Zip	
If additio	onal pages o	of Part II, Sec	tion 6.1 are attac	ched, inc	licate the	total n	umb	er of page	!s		The state of the s		<u> </u>
in this b	ox 1	and indicate	the Part II, Secti	on 6.1 p	age numb	ber in th	nis b	ох	1 (exam	ple: 1,	2,3, etc.)		
SECTI	ON 6.2 TI	RANSFER	S TO OTHER	OFF-	SITE LO	CATI	ION	S				***************************************	
6.2. <u>1</u>	Off-Site E	EPA Identifi	cation Number	(RCRA	ID No.)			NA		V / m - N - N - Os silpau			
Off-Site L	ocation Nam	ne TH	E KROOT CORP	ORATIO	N								
Off-Site A	ddress	2915 STAT	E STREET								ı-tat.		
City	COLUMBUS			State	IN	County	/ E	BARTHOL	OMEW	•		Zip	47201-
Is location	under contr	ol of reporting	facility or parent	company	?						Yes	X	No

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

 <u> </u>
TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
CHROMIUM

							,		CHROMIUM		
SECTION	6.2 TRANS	FERS TO O	THER OFF-S	ITE	LOCATION	ONS (Co	ntinue	 d)			
A. Total Trans (enter range	sfers (pound ge code* or estin	ds/year) mate)	B. Basis o		mate		• • • • • • • • • • • • • • • • • • • •	1	Type of Waste Trea	-	
1. 1000000			1. M			<del></del>		1.	M24		
2.			2.					2.	***************************************		
3.			3.					3.			
4.			4.					4.		***************************************	
6.2. <u>2</u> Off-	-Site EPA Ide	entification Nu	mber (RCRA II	O No.	)			<b></b>			
Off-Site location	n Name										
Off-Site Addres	ss										
City				L	State	County				Z	Zip -
		<del></del>	facility or par				7		Yes		No
A. Total Ti (enter r	ransfers (por range code* or	ounds/year) estimate)	E		sis of Estin	nate		С	. Type of Waste Tre Recycling/Energy		
1.			1.	-				1.			
2.			2.					2.			
3.			3.								
4.			4.					4.			
SECTION 7	A. ON-SIT		REATMENT N				IENCY				
X Not A	Applicable (NA)		if no on-site waste n containing the to				gory.				
. General Waste Stream (enter code)	ı		Method(s) Sequer	thod(s) Sequence c. Range of Influen				d. Waste Treatment Efficiency Estimate  e. Based on Operating Data?			
7A.1a	7A. 1b	1	2					-	7A. 1d	<del> </del>	
***************************************	3					7A. 1d	C		/A. IQ	7,	A. 1e
NA 	6	7	5 8			7A. 1	C	+	0 %	Yes	A. 1e No
NA <b>7A.2a</b>	<del> </del>		<del></del> i			7A. 1c				Yes	
	6	7	8 2 5						0 %	Yes	No
7A.2a	6 7A.2b 3	7 1 4	8 2			7A. 2d	С		0 % 7A. 2d %	Yes 7/4 Yes	No No No
	6 7A.2b 3 6	7 1 4 7	8 2 5 8				С		0 % 7A. 2d	Yes 7/4 Yes	No
7A.2a	6 7A.2b 3 6 7A.3b	7 1 4 7 1	8 2 5 8 2			7A. 2d	С		0 % 7A. 2d %	Yes 7/4	No N
7A.2a	6 7A.2b 3 6 7A.3b 3	7 1 4 7 1 4	8 2 5 8 2 5			7A. 2d	c		0 % 7A. 2d % 7A. 3d	Yes  7/ Yes  7/ Yes	No N
7A.2a 7A.3a	6 7A.2b 3 6 7A.3b 3 6	7 1 4 7 1 4 7	8 2 5 8 2 5 8			7A. 2c	c		0 % 7A. 2d % 7A. 3d % 7A. 4d	Yes  7/ Yes  7/ Yes	No No No No No No No
7A.2a 7A.3a	6 7A.2b 3 6 7A.3b 3 6 7A.4b	7 1 4 7 1 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 5 8 2 5 8 2			7A. 2c	c		0 % 7A. 2d % 7A. 3d %	Yes  74  Yes  74  Yes  7A  7A	No N
7A.2a 7A.3a 7A.4a	6 7A.2b 3 6 7A.3b 3 6 7A.4b 3	7 1 4 7 1 4 7 1 4 4 4 4 4 4 4 4 4 4 4 4	8 2 5 8 2 5 8 2 5 8			7A. 2c	C :		0 % 7A. 2d % 7A. 3d % 7A. 4d	Yes  74  Yes  74  Yes  7A  Yes	No N
7A.2a 7A.3a 7A.4a	6	7 1 4 7 1 4 7 1 4 7 1 4 7	8 2 5 8 2 5 8 2 5 8			7A. 2c 7A. 3c 7A. 4c	C :		0 % 7A. 2d % 7A. 3d % 7A. 4d % 7A. 5d	Yes  74  Yes  74  Yes  7A  Yes	No N
7A.2a 7A.3a 7A.4a 7A.5a	6	7 1 4 7 1 4 7 1 4 7 1 4 7 1 4 7	8 2 5 8 2 5 8 2 5 8 2			7A. 2c 7A. 3c 7A. 4c	C		0 % 7A. 2d % 7A. 3d % 7A. 4d %	Yes  74  Yes  7A  Yes  7A  Yes	No N

Page 5 of 5

### **EPA FORM R**

	TRI Facility ID Number
`	46131-RVNNR-1001N
'	Toxic Chemical, Category or Generic Name
	CHROMIUM
- 1	

1	PART II. CHEMICAL-SPE	CIFIC INFORMAT	ION (CONTINUED)	46131-RVNNR-1001	N					
			ion (oon mozb)	Toxic Chemical, Cate	gory or Generic Name					
				CHROMIUM						
SE	CTION 7B. ON-SITE ENERGY	RECOVERY PROCE	SSES	<del></del>						
X			overy is applied to any waste							
	Energy Recovery Methods [enter 3-chara	containing the toxic chemica	or chemical category.							
1	NA 2	3		4						
SECTION 7C. ON-SITE RECYCLING PROCESSES										
3E(										
х	X Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.									
	Recycling Methods [enter 3-character co		onemical category.							
1.	NA 2.	3.	4.		5.					
ء [					5.					
6.	7.	8.	9.		10.					
SEC	TION 8. SOURCE REDUCTIO	N AND RECYCLING	ACTIVITIES							
		Column A	Column B	Column C	Column D					
		Prior Year (pounds/year)	Current Reporting Year (pounds/year)	Following Year	Second Following Year					
8.1	Quantity released **	6300	1163	(pounds/year) 1000	(pounds/year) 900					
8.2	Quantity used for energy recovery onsite	NA	NA	NA	NA NA					
8.3	Quantity used for energy recovery offsite	NA	NA	NA	NA					
8.4	Quantity recycled onsite	NA	NA	NA NA	NA					
8.5	Quantity recycled offsite	1400000	1000000	950000	900000					
8.6	Quantity treated onsite	NA	NA	NA	NA					
B.7	Quantity treated offsite	NA	NA	NA	NA					
B.8 	Quantity released to the environment as catastrophic events, or one-time events processes (pounds/year)	a result of remedial actions, not associated with producti	on	)						
3.9	9 Production ratio or activity index 0000.86									
8.10	Did your facility engage in any source re enter "NA" in Section 8.10.1 and answer	duction activities for this che r Section 8.11.	emical during the reporting year?	If not,						
	Source Reduction Activities  [enter code(s)]  Methods to Identify Activity (enter codes)									
.10.1	NA	a.	b.	c.						
.10.2		a.	b.	c.	***					
.10.3		a.	b.	c.						
.10.4	la additional later in	a.	b.	c.						
.11	Is additional information on source reduction included with this report? (Check one be	ox)			YES NO X					
Report injecting	releases pursuant to EPCRA Section 329(8) including g, escaping, leaching, dumping, or disposing into the	g "any spilling, leaking, pumping, po environment." Do not include any o	ouring, emitting, emptying, discharging,	L						

Form Approved OMB Number: 2070-0093

Approval Expires: 01/01/2001

Page 1 of 5

inii Oltinii. Type or pilli, read
<b>⇔</b> EPA
United States
<b>Environmental Protection</b>
A

#### FORM R

**TOXIC CHEMICAL RELEASE** INVENTORY REPORTING FORM

E	nited States nvironmental Pi gency	rotectio	on als	ection 31 so knowr	3 of the n as Titl	e Eme	rgenc f the S	y Plai Super	nn fui	ing and Comn nd Amendmei	nun nts	ity F and	Right-to Reautl	o-Kı hori	now Act ization A	of 1986 .ct	6,	
WH	WHERE TO SEND COMPLETED FORMS: 1. EPCRA Reporting Center 2. APPROPRIATE STATE OFFICE is a revision  Enter "X" here if this is a revision									f this								
					Merrifield,			I O LI A USC ON I										
Important: See instructions to determine when "Not Applicable (NA)" boxes should be checked.																		
1111	portant. See	IIISII U													a be cr	еске	a	
						ILIT	Y IDI	ENT	IFI	ICATION IN	IFC	DRN	MATIC	N			****	
	CTION 1. REP								-									
SE	CTION 2. TRA	DE SE	CRET	INFOR	MATIO	N												
2.1	Are you claiming the toxic chemical identified on page 2 trade secret?  Yes (Answer question 2.2; Attach substantiation forms)  X No (Do not answer 2.2; Go to Section 3)  Is this copy  (Answer only if "YES" in 2.1)								ed									
SE	CTION 3. CER	TIFICA	MOITA	l (Impo	rtant:	Read	and s	sign a	aft	ter completin	g a	ll fo	rm sec	ctio	ns.)			
infor	I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.																	
	me and official title of owner/operator or senior management official:  Signature:  Date Signe								Signed:									
	TOM JONES FACILITY MANAGER  06/26/2000																	
SECTION 4. FACILITY IDENTIFICATION																		
4.1	This demand is really to really to the received the second																	
	ty or Establishment Na	ame						Faci	lity	or Establishment Na	ame	or <b>M</b> ai	ling Addre	ess(i	f different fro	om street	address)	
ļ	ARVIN EXHAUST																	
1001 h	ORTH HURRICANE STR	REET						Maili	ng /	Address								*
	ounty/State/Zip Code							City/	Cou	unty/State/Zip Code								
FRAN	(LIN	JOH	NSON			IN	46131-									-		
4.2	This report contai (Important : chec				ole)	a.	Х	An e facili		re b.			Part of a acility		c	A Fe	ederal lity	
4.3	Technical Contac	t Name		DEB CH	F) F									Tele	phone Numb	er (includ	le area co	de)
	Toolinioal Collias		***	DED ON		•								(812)	379 - 3545			
4.4	Public Contact Na	ame		JOHN B	ROWN								- I-		379 - 3389	er (includ	e area coo	ie)
4.5	SIC Code (s) (4 d	iaite)		Pri	mary				Т		Т			(012)	379-3309		T	
7.0	010 0000 (3) (40	igita)		<b>a</b> . 3	714	b.				C.	d	l.			e.		f.	
4.6	Latitude		grees 139		Minutes	_	Secon		$\dashv$	Longitude	F	D	egrees		Minu		<del> </del>	conds
	Dun & Bradstreet		Т Т	EPA Iden	29 tification t	Vumber	32	T	F	acility NPDES Pe	rmit		086 T	Un	02 derground		<u> </u>	48 
4.7	Number(s) (9 digit	s)	4.8	(RCRA I.I	D. No.) (1	2 chara	cters)	4.9		lumber(s) (9 chara		rs)	4.10		aergrouna C) I.D. Nur	-		
<ul><li>a. 00</li><li>b. N</li></ul>	06414783 A			ND006414 NA	1783			a. l	NA				a. N	A				
	TION 5. PARE	NT CO			ORMAT	ION		Ju.		<del></del>			b.					
5.1	Name of Parent Co		1	NA		T	VIN IND	OUSTR	NF!	s		·*****				<del></del>		
					<u> </u>	<u> </u>		¬ T			Latheta L.							
5.2	Parent Company's	ש א nuu	radstre	et Number	•	NA	- 1	1 1	$\alpha$	06414361								

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
MANGANESE

	PART II. CHEMIC	CAL-SPE	ECIFIC INFORMATION	T	oxic Chemical, Categ	ory or Generic Name				
				M.	ANGANESE					
SEC	CTION 1. TOXIC CHEMICA	AL IDENTI	ITY (Important: DO NOT comp	lete this section	if you completed S	section 2 below.)				
1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)										
007439965  Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)										
1.2	MANGANESE	90.7 (	inportant. Enter only one name exactly as it t	appears on the oc						
1.3	Generic Chemical Name (Importal NA	nt: Complete	only if Part 1, Section 2.1 is checked "ye	es". Generic Nam	ne must be structural	ly descriptive.)				
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)										
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)									
<b>4.</b> 1	NA									
SEC	TION 3. ACTIVITIES AND (Important: Check all		F THE TOXIC CHEMICAL AT TH	E FACILITY						
3.1	Manufacture the toxic ch	emical:	3.2 Process the toxic chemical	i: <b>3.3</b> Ot	herwise use the	toxic chemical:				
а	. Produce <b>b.</b> Im	port								
	If produce or import:									
C.	<u> </u>		a. As a reactant     b. As a formulation component	a	As a chemical proc	essing aid				
d		b	As a manufacturing	aid aid						
e.	As a byproduct		c. X As an article component	c.	Ancillary or other us	se				
f.	As an impurity		d. Repackaging		~					
SEC	TION 4. MAXIMUM AMOU	INT OF TH	HE TOXIC CHEMICAL ONSITE A	AT ANY TIME	DURING THE	CALENDAR YEAR				
4.1			from instruction package.)							
SEC	TION 5. QUANTITY OF TH	HE TOXIC	CHEMICAL ENTERING EACH E	ENVIRONME	NTAL MEDIUM	ONSITE				
		_	A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of Es (enter code)	timate C. % Fro	m Stormwater				
5.1	Fugitive or non-point air emissions	NA _	78	М						
5.2	Stack or point air emissions	NA _	314	М						
5.3	Discharges to receiving streams o water bodies (enter one name per									
	Stream or Water Body Na	me ·								
5.3.1	NA									
5.3.2										
5.3.3										
5.4.1	Underground Injection onsite to Class I Wells	NA X	NA NA							
5.4.2	Underground Injection onsite to Class II-V Wells	NA x	NA NA							
	onal pages of Part II, Section 5.3 icate the Part II, Section 5.3 page		d, indicate the total number of pages in the this box.  1 (example: 1,2,3, etc.)		1					

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number

46131-RVNNR-1001N

Toxic Chemical, Category or Generic Name

MANGANESE

### EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
MANGANESE

SECTI	ON 5. QU	ANTITY C	F THE TO	XIC	CHEM	ICAL I	ENTER	RING	EAC	H ENVI	ROI	MEN	TAL	MEDI	UM O	NSIT	E(Continued)
			1	NA	A. Total	Releas	e (poun code*		ar) (entestimate)	er range	B.	Basis o		mate			
5.5 Disposal to land onsite																	
5.5.1A RCRA Subtitle C landfills				х	NA												
5.5.1E	5.5.1B Other landfills				NA				14								
5.5.2	Land treatment/application farming			x	NA	and the second second					<u> </u>						
5.5.3	Surface In	npoundment		×	NA										-		
5.5.4	Other disp	oosal		х	NA												
SECT	ION 6. TR	ANSFERS	OF THE T	ΟΧΙ	C CHE	EMICA	LINW	IAS	TES T	O OFF	SIT	E LO	CATIO	SNC			
6.1 DI	SCHARGI	ES TO PU	BLICLY OV	NNE	D TRE	EATME	ENT W	ORŁ	(S (PC	OTWs)							
6.1.A Total Quantity Transferred to POTWs and Basis of Estimate																	
6.1.A.1. Total Transfers (pounds/year) (enter range code* or estimate)							6.	1.A.	2 Basis of Estimate (enter code)								
0																	
6.1.B.1		POTW Name	DEPARTME	NT O	F PUBL	IC WOR	KS						and the second second				
POTW	Address		796 SOUTH	STAT	TE STRE	EET											
City F	RANKLIN					State	e IN	C	County	JOHNS	ON					Zip	46131-
6.1.B.2		POTW Name														- E. PILLY-	
POTW	Address																
City	A					State	:	C	County							Zip	
If additi			tion 6.1 are at						,		exam	ple: 1,2	, <b>3, et</b> c.	.)			
SECT	ON 6.2 TI	RANSFER	S TO OTH	ER C	OFF-S	ITE LO	CATIO	ONS	i			****					
6.2. <u>1</u>	Off-Site I	EPA Identifi	cation Numb	er (F	RCRA II	D No.)			NA								
Off-Site	Location Nan	ne TH	E KROOT CO	RPO	RATION	ı											
Off-Site	Address	2915 STAT	TE STREET														
City	COLUMBUS	3			State	IN	County	В	ARTHO	LOMEW						Zip	47201-
Is location	Is location under control of reporting facility or parent company?  Yes  X No																

#### TRI Facility ID Number **EPA FORM R** 46131-RVNNR-1001N Toxic Chemical, Category or Generic Name PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED) MANGANESE SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued) A. Total Transfers (pounds/year) B. Basis of Estimate C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code) (enter range code\* or estimate) (enter code) 1. 91000 1. М M24 2. 2. 2. 3. 3. 3. 4. 4. 4. 6.2.2 Off-Site EPA Identification Number (RCRA ID No.) NA **RUMPKE** Off-Site location Name Off-Site Address 546 SOUTH 870 STREET 47260-**MEDORA** Zip City State IN County **JACKSON** Is location under control of reporting facility or parent company? Yes Х No C. Type of Waste Treatment/Disposal/ A. Total Transfers (pounds/year) **B.** Basis of Estimate (enter range code\* or estimate) Recycling/Energy Recovery (enter code) (enter code) 1. 997 М 1. M72 2. 2. 2. 3. 3. 3. 4. 4. 4. SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY Check here if no on-site waste treatment is applied to any Х Not Applicable (NA) waste stream containing the toxic chemical or chemical category. c. Range of Influent e. Based on Waste Treatment a. General b. Waste Treatment Method(s) Sequence Concentration Efficiency Operating Data? Waste Stream [enter 3-character code(s)] Estimate (enter code) 7A. 1b 7A.1a 1 2 7A.1c 7A. 1d 7A. 1e 3 Yes 4 5 No NA 0% 6 7 8 7A. 2d 7A.2a 7A. 2b 1 2 7A.2c 7A. 2e Yes No 3 4 5 6 7 8 7A.3b 2 7A.3a 1 7A.3c 7A. 3d 7A.3e Yes No 3 5 4 6 7 8 7A.4b 1 2 7A. 4d 7A.4e 7A.4a 7A.4c Yes 3 No 4 5 6 7 8 7A.5b 7A.5a 1 2 7A.5c 7A. 5d 7A. 5e Yes No 3 4 5 % 6 7 8 If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box 1 and indicate the Part II, Section 6.2/7A page number in this box : (example: 1,2,3, etc)

#### **EPA FORM R**

	TRI Facility ID Number
	46131-RVNNR-1001N
'	Toxic Chemical, Category or Generic Name
	MANGANESE

ı P	ARI II. CHEMICAL-SP	ECIFIC	S INFORM	AIK	JN (CC	חוו אכ	ルヒロ	<u> </u>		
		Toxic Chemica	Toxic Chemical, Category or Generic Name							
								MANGANESE		
SEC	SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES									
X	X Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical category.									
E	Energy Recovery Methods [enter 3-character code(s)]									
1 N	A 2			3				4		
SEC	SECTION 7C. ON-SITE RECYCLING PROCESSES									
X	Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.									
F	Recycling Methods [enter 3-character	code(s)]							···	
1. [	NA 2.		3. 4.							5.
6.	7.		8.				9.		7	10.
SECT	SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES									
			Column A		C	olumn B		Column C		Column D
	1		Prior Year (pounds/year)			Reporting ounds/year	-	Following Ye (pounds/year	1	Second Following Year (pounds/year)
8.1	Quantity released **		4100			13	<b>38</b> 9		380	360
8.2	Quantity used for energy recovery onsite		NA				NA		NA	NA
8.3	Quantity used for energy recovery offsite		NA		NA 		NA	NA		NA .
8.4	Quantity recycled onsite		ı	NA		ı	NA		NA	NA
8.5	Quantity recycled offsite		970	∞ <u> </u>		910	000	88	0000	86000
8.6	Quantity treated onsite		h	NA		ı	NA A		NA	NA
8.7	Quantity treated offsite		Market 111, 101, 111, 111	0			0		0	0
8.8	Quantity released to the environment catastrophic events, or one-time events processes (pounds/year)				on			0		
8.9	Production ratio or activity index							0000.86		
8.10	Did your facility engage in any sourcenter "NA" in Section 8.10.1 and an	e reductionswer Sect	on activities for thi	is cher	mical durir	ng the rep	orting ye	ar? If not,		
	Source Reduction Activities [enter code(s)]			Met	hods to Ide	entify Act	ivity (ente	er codes)		
8.10.1	NA	a.	The state of the s			b.			c.	
8.10.2		a.				b.			c.	
8.10.3	j	a. b. c.								
8.10.4		a.				b.			c.	
8.11	Is additional information on source re included with this report? (Check o releases pursuant to EPCRA Section 329(8) inc	ne box)					dicab'			YES NO X
	g, escaping, leaching, dumping, or disposing in							יעי		

Page 1 of 5

Approval Expires: 01/01/2001

3	P EPA			FOR	M	R				HEMICAL RELE	
United States Environmental Protection Agency Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act											
WH	ERE TO SEND COMF	PLETED FOR	MS: 1. EPCRA Re	eporting Center 348	. 2		PRIATE ST			Enter "X" here if is a revision	this
			,	VA 22116-3346 XIC CHEMICA		EASE INV	ENTORY			For EPA use only	
lm	portant: See in	struction	s to determin	e when "N	ot Ap	plicat	le (NA)'	' boxe	es shou	ld be checked	d.
		1	PART I. FAC	ILITY IDE	NTIF	ICAT	ON INF	ORM	IATION		
SE	CTION 1. REPO	RTING YE	AR 1999								
SE	CTION 2. TRAD	E SECRET	INFORMATIO	N							
	1 .	toxic chemica	al identified on page 2	2 trade secret?							Jnsanitized
2.1	11 1	question 2.2; ubstantiation f		(Do not answer Go to Section 3		2.2	(Answer or	nly if "YE	S" in 2.1)	h	
SE	CTION 3. CERTI	FICATION	l (Important: I	Read and s	ign a	fter cor	npleting	all for	rm secti	ons.)	
1	eby certify that I have r										
i i	mation is true and com g data available to the p	•		ues in this repo	rt are a	ccurate ba	ased on reas	sonable	estimates		
Nam	e and official title of ow	ner/operator o	or senior managemen	nt official:				Signatur	e:		Date Signed:
TOM JONES FACILITY MANAGER 06/26/2000							06/26/2000				
SECTION 4. FACILITY IDENTIFICATION											
4.1 TRI Facility ID Number 46131-RVNNR-1001N											
	ity or Establishment Nam	е			Facilit	y or Establ	ishment Nam	ne or Mail	ling Address	(if different from street	address)
	N EXHAUST				34 111		Γ				· · · · · · · · · · · · · · · · · · ·
1001 N	L NORTH HURRICANE STREE	e <b>T</b>			Mailing Address						
City/C	County/State/Zip Code				City/County/State/Zip Code						
FRAN	KLIN	JOHNSON		IN 46131-	-						
4.2	This report contains			a. X	An en		b.		art of a	c. A Fe	ederal itv
			л аррисавіе)	<u> </u>		·			<del></del>	ephone Number (includ	
4.3	Technical Contact N	lame	DEB CHELF						-	2) 379 - 3545	······································
4.4	Public Contact Nam	e	JOHN BROWN						1	ephone Number (includ	e area code)
			Primary	<u> </u>		1		T	(812	2) 379 - 3389	
4.5	SIC Code (s) (4 digit	ts) 	a. 3714	b.		c.		d.		e.	f.
4.6	Latitude	Degrees	Minutes	Secon		Lor	gitude	D	egrees	Minutes	Seconds
	Dun & Bradstreet	039	EPA Identification N	Jumber 32	П	<u> </u>	PDES Perm	l	086	02 nderground Injection	48 Well Code
4.7	Number(s) (9 digits)		(RCRA I.D. No.) (12		4.9	Number(	s) (9 charac		4.10	IIC) I.D. Number(s) (	
a. 00 b. N	06414783  A		IND006414783 NA		a. N.	A			a. NA b.		
SEC	TION 5. PAREN			ION	L				L		
5.1	Name of Parent Com	npany	NA	ARVIN IND	USTRI	ES					
5.2	Parent Company's D	un & Bradstre	eet Number	NA F	71	 00641436	 61				

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
NICKEL

				NICKEL	
SEC	TION 1. TOXIC CHEMICAL	_ IDENTITY	(Important: DO NOT comp	olete this section if you con	npleted Section 2 below.)
1.1	CAS Number (Important: Enter only	one number ex	cactly as it appears on the Section 313 li	ist. Enter category code if rep	orting a chemical category.)
1.1	007440020	·			
1.2		ry Name (Impor	rtant: Enter only one name exactly as it	appears on the Section 313 li	st.)
ļ	NICKEL  Generic Chemical Name (Important)	· Complete ou	nly if Part 1, Section 2.1 is checked "yo	es" Generic Name must be	etructurally descriptive )
1.3	NA	Complete of	iny il Fait 1, Section 2.1 is checked yo	es . Generic Name must be	structurally descriptive.
SEC	TION 2. MIXTURE COMPO	NENT IDE	NTITY (Important: DO NOT comp	lete this section if you com	pleted Section 1 above.)
	Generic Chemical Name Provided b	oy Supplier (Imr	portant: Maximum of 70 characters, incli	uding numbers, letters, space	es, and punctuation.)
2.1	NA		a de la companya de l		
SEC	TION 3. ACTIVITIES AND I		HE TOXIC CHEMICAL AT TH	IE FACILITY	
3.1	Manufacture the toxic cher	mical: 3.	.2 Process the toxic chemica	I: 3.3 Otherwise	use the toxic chemical:
a.	Produce b. Impo	ort			
	If produce or import:				
c.	For on-site use/processing	a	a. As a reactant	a. As a cher	nical processing aid
d.	For sale/distribution	t	As a formulation component	b. As a man	ufacturing aid
e.	As a byproduct	d	As an article component	c. Ancillary	or other use
f.	As an impurity	c	d. Repackaging		
SEC	TION 4. MAXIMUM AMOUN	IT OF THE	TOXIC CHEMICAL ONSITE	AT ANY TIME DURING	G THE CALENDAR YEAR
4.1	(Enter two-di	git code fror	m instruction package.)		
SEC	TION 5. QUANTITY OF TH	E TOXIC CI	HEMICAL ENTERING EACH	ENVIRONMENTAL M	EDIUM ONSITE
			A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	NA	6	М	
5.2	Stack or point air emissions	NA	22	М	
5.3	Discharges to receiving streams or water bodies (enter one name per bo	ox)			
	Stream or Water Body Nam	1e			
5.3.1	NA				·
5.3.2					
5.3.3					
5.4.1	Underground Injection onsite to Class I Wells	NA X	NA	; ;	
5.4.2	Underground Injection onsite to Class II-V Wells	NA X	NA		
	onal pages of Part II, Section 5.3 a		ndicate the total number of pages in box. 1 (example: 1,2,3, etc.		

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number

46131-RVNNR-1001N

Toxic Chemical, Category or Generic Name

NICKEL

### EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
NICKEL

												NICKE					
SECTIO	ON 5. QU	ANTITY	OF THE T	OXIC	CHEM	IICAL	ENT	ERII	NG EAC	H ENVI	RO	NMEN	TAL	MEDI	UM C	NSI	ΓE(Continued)
				NA	A. Tota	l Releas			s/year) (ent r estimate)	er range	B.	Basis (		mate			
5.5	Disposal to	o land ons	ite														
5.5.1A	RCRA Sul	btitle C lar	dfills	x	NA												
5.5.1B	Other land	fills		х	NA												
5.5.2	Land treati	ment/appli	cation	X	NA							v a. v v v v v v v v v v v v v v v v v v					
5.5.3	Surface Im	poundme	nt	х	NA			**********									
5.5.4	Other disp	osal		X	NA												
SECTION	ON 6. TR	ANSFE	RS OF THE	TO	(IC CH	EMICA	LIN	I WA	STES T	O OFF-	SIT	E LO	CATI	ONS			
6.1 DIS	CHARGE	S TO F	UBLICLY	NWC	ED TRI	EATME	ENT	WO	RKS (P	OTWs)							
6.1.A To	otal Quant	tity Tran	sferred to P	OTW	s and B	asis of	Esti	mate	•								
			oounds/year)					6.1.	A.2 Basi		m at	е					
	(enter ran	ge code	or estimate)	· · · · · · · · · · · · · · · · · · ·		,			(ente	code)							
	0								0		-						
6.1.B.1		POTW Na	DEPART	MENT (	OF PUBL	IC WOR	RKS	á samunda na par da	2 W. J. D. W. J. W. W. J. W. W. J. W. W. J. W. W. J. W. W. J. W. W								
POTW A	ddress		796 SOUT	HSTA	ATE STR	EET									w410d		
City FF	RANKLIN					State	e	IN	County	ЈОНИЅ	ON					Zip	46131-
6.1.B.2		POTW Na	me														
POTW A	ddress																
City						State	•		County							Zip	
If addition			Section 6.1 are ate the Part II,						,		xam	ple: 1,2	,3, etc	.)			
SECTIO	ON 6.2 TF	RANSFE	RS TO OT	HER	OFF-S	ITE LO	OCA.	TION	VS.								
6.2. <u>1</u>	Off-Site E	PA Iden	tification Nur	nber (	(RCRA I	D No.)			NA								
Off-Site L	ocation Nam	ne	THE KROOT	CORP	ORATION	1											
Off-Site A	Address	2915 S	ATE STREET														
City	COLUMBUS	3			State	IN	Cou	nty	BARTHO	LOMEW						Zip	47201-
Is location	under contr	ol of repor	ting facility or p	arent o	company?								Yes	3		Х	No

## EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number
46131-RVNNR-1001N
Toxic Chemical, Category or Generic Name
NICKEL

						*****						
SECTION 6	.2 TRANS	FERS TO OT	HER OFF-SITE	LOCATION	ONS (Cont	tinued)						
A. Total Trans (enter range	fers (poun code* or esti	nds/year) imate)	B. Basis of Est (enter code)				C. Type of Waste Treat Recycling/Energy R	tment/Disposal/ Recovery (enter code)				
1. 46000		<u></u>	1. M			1.	. M24					
2.			2.			2.	2.					
3.	·		3.			3.						
4.			4.			4.						
	Site EPA Id	lentification Nun	nber (RCRA ID No	D.)								
Off-Site location	Name											
Off-Site Address	s						·					
City				State	County			Zip -				
Is location u	nder contr	ol of reporting	facility or parent	t compan	y?		Yes	No				
A. Total Tr (enter ra	ansfers (pange code* o	oounds/year) r estimate)		C. Type of Waste Tree Recycling/Energy	atment/Disposal/ Recovery (enter code)							
1.			1.			1.						
2.	<del> </del>		2.			2.						
3.			3.			3.						
4.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4.									
SECTION 7	A. ON-SI	TE WASTE TE	REATMENT ME	THODS A	AND EFFICI	ENCY		######################################				
	pplicable (NA	Check here it	f no on-site waste treat	atment is ap	plied to any							
a. General Waste Stream (enter code)	1		Method(s) Sequence	Orientical of	c. Range of I	Influent	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data ?				
7A.1a	7A. 1b	1	2		7A. 1c	:	7A. 1d	7A. 1e				
NA	3 6	4 7	5 8				0%	Yes No				
7A.2a	7A. 2b	1	2		7A. 2c		7A. 2d	7A. 2e				
	3 6	4 7	5 8			www.moorenaate.co.ul-1441	%	Yes No				
70.2-	7A.3b	1 1	2		7A. 3c		7A. 3d	7A. 3e				
7A.3a	3	<del> </del>	5		74.30		77.00	Yes No				
	6	7	8				%					
7A.4a	7A.4b	1	2		7A.4c		7A. 4d	7A.4e				
	3	4	5				%	Yes No				
	6	7	8				76					
7A.5a	7A. 5b	1	2		7A.5c		7A. 5d	7A. 5e				
	3	4	5				%	Yes No				
	6	7	8		<u> </u>							
			e attached, indicate imber in this box :	the total n	umber of page: (example: 1,2		юх 1					
and indicate the	Part II, Secu	วก ช. <i>ฆา</i> A page กบ	miner in this box :	1 1	(example, 1,2,	,s, e.c. <i>j</i>						

#### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

	TRI Facility ID Number
١	46131-RVNNR-1001N
'	Toxic Chemical, Category or Generic Name
	NICKEL

						NICKEL NICKEL	, category t	or Generic Name
SECT	ION 7B. ON-SITE EN	ERGY RE	COVERY PROCE	SSES				
х	Not Applicable (NA) -		if no on-site energy reco	•	•			
Е	nergy Recovery Methods [ente	r 3-character	code(s)]					
1 N/	2		3			4		
SEC1	ION 7C. ON-SITE REC	YCLING	PROCESSES					
Х	Not Applicable (NA) - Che str		on-site recycling is apping the toxic chemical or					
R	ecycling Methods [enter 3-char	racter code(s	)]					
1. N	A 2.		3.		4.		5	i.
6.	7.		8.		9.		] 10	).
SECT	ION 8. SOURCE RED	UCTION A	AND RECYCLING	ACTIVIT	TES			
			Column A Prior Year (pounds/year)	Current	Column B Reporting Year ounds/year)	Column C Following Yea (pounds/year		Column D Second Following Year (pounds/year)
8.1	Quantity released **		2200		28		25	21
8.2	Quantity used for energy reco	overy	NA		NA		NA	NA
8.3	Quantity used for energy reco	overy	NA		NA		NA	NA .
8.4	Quantity recycled onsite		NA		NA		NA	NA
8.5	Quantity recycled offsite		63000		46000	44	0000	42000
8.6	Quantity treated onsite		NA		NA		NA	NA
8.7	Quantity treated offsite		NA		NA		NA	NA
8.8	Quantity released to the enviro catastrophic events, or one-tin processes (pounds/year)	onment as a r ne events not	esult of remedial actions associated with produc	s, xion		0		
8.9	Production ratio or activity inde	ex				0000.86		
0 10	Did your facility engage in any enter "NA" in Section 8.10.1 a			nemical durir	ng the reporting y	ear? If not,		
8.10	Source Reduction Activitie [enter code(s)]	s	N	lethods to Id	lentify Activity (er	ter codes)		
8.10.1	NA	í	a.		b.		c.	
8.10.2			а.		b.		c.	
8.10.3			а.		b.		c.	
8.10.4			а.		b.		c.	
8.11	Is additional information on so included with this report ? (Ch	urce reductioneck one box	n, recycling, or pollution )	control activ	vities		L Y	YES NO X
•	releases pursuant to EPCRA Section 3.	, ,				ging,		

(MPORTANT: Type or print; read instructions before completing form)

₽.

Form Approved OMB Number: 2070-0093

Approval Expires: 01/31/2003

		~	
6	-2	9-0	/

Page 1 of 5

8	<b>EPA</b>						F	FOF	31	VI	R							EMICAL RELEARY REPORTING		DM.
Εnν	ted States vironmental Pro ency	otection	Sec	tion 3 know	13 of m as	the E Title	Eme III d	ergeno of the	zy F Su	Planı perfi	ning und A	and Ame	l Coi endn	mmur nents	nity Ri	ght-to	o-Kn	ow Act of 1986, cation Act		XIVI
WHE	RE TO SEND COM	IPLETED	FORM	IS: 1.	EPCF P.O B	•		ng Cent	er	2					ATE OF Appendi			Enter "X" here if t is a revision	his	
								2116-33 CHEMIC		RELE	•				<b>+</b>   <b>-</b>	,	F	or EPA use only		
Imp	ortant: See i	nstruc	tions	to d	eterr	nine	w	hen "	No	t Ap	pplic	ab	le (I	(A	boxe	s sh	oul	be checked	•	
-			P	ART	l. F	ACI	LIT	ry ID	E	NTIF	FICA	١T١	ON	INF	ORM	ATIO	NC			
SEC	TION 1. REPO	ORTING	YEA	AR 20	00															
SEC	TION 2. TRAI	DE SEC	RET	INFO	RMA	ΓΙΟΝ	ı													
2.1	Are you claiming the Yes (Answer		n 2.2;			No (I	Do n	e secret ot answ Section	rer 2		2	.2		s copy wer on	ly if "YE	S" in 2	Sanit	ized U	Insaniti	zed
SEC	TION 3. CERT	TIFICAT	TION	(lmp	ortar	nt: R	lea	d and	si	gn a	fter	cor	nple	ting	all for	m se	ctio	ns.)		
inform using	by certify that I have nation is true and co data available to the	mplete an e preparer	d that t s of thi	the amo	unts ar	d valu	ies i	n this re												
Name	and official title of o	owner/ope	rator or	senior	manag	ement	offi	cial:							Signatur	е:			Dat	e Signed:
MIKEA	LTE				SITE M	ANAGE	R							:	Muc	hal	S		06/2	6/2001
C	TION 4. FACI	LITY ID	ENT	FICA	TION								,							
4.1			-			. y's			.13; 1.165	TRI	Facility	y ID	Numt	per 4	6131RV	NNR100	)1N			
Facility	y or Establishment Na	me							150	Facili	ty or E	stabl	ishme	nt Nam	e or Mail	ling Add	iress(if	different from street a	ddress	
ARVINI	MERITOR																			
Street 1001 N	ORTH HURRICANE STR	ЕЕТ			). 14. (1)					Mailir	ng Add	ress								
City/Co	ounty/State/Zip Code	T								City/S	State/Z	io Co	de		<del></del>				Count	y (Non-US)
FRANK		NHOF T	ISON				IN	46131	-	,	Y , 11 '	1	-	 					Count	y (14017-03)
4.2	This report contain	ns informa	ation fo	r.				T	 ] A	n enti	re .	F		Part	of a			A Federal [		
	(Important : chec	kaorb;c	heck c	or d if a	applicat	ie)	a.		fa	cility		<u>}                                    </u>		facilit	У	C.	·	facility d.		GOCO
4.3	Technical Contac	t Name		DEB	CHELF													phone Number (includ	e area o	xode)
							-										<u> </u>	379-3545 Dhone Number (includ	0.000	- dolor
4.4	Public Contact Na	ame		SAM	LOCHRI	ССНЮ	·										<u> </u>	655-5521	e area (	zode)
4.5	SIC Code (s) (4 d	ligits)		a.	Primary 3714		$\dashv$	b.	.*-		C			,	d.			6.	f.	
4.6	Latitude		rees		Minu		$\exists$		cond	ds	1	La	ngitud	le	D	egrees	···········	Minutes		Seconds
	Dun 9 Bradatract	<u> </u>	39 1 T	EDA I	29				32				_		<u> </u>	086	T	02	<u> </u>	48
4.7	Dun & Bradstreet Number(s) (9 digit		4.8		dentifica N.D. N			oer eracters	,	4.9				S Pem charac		4.10		derground Injection C) I.D. Number(s) (		
	06414783			ND006	414783				-		NA					a. I	NA.			
<u>b.</u> ⊏ე	TION 5. PARE	ENT CO	b.	NV IA	FOD	MAT	101			b.						b.	<del></del>			
o.1	Name of Parent C		IVITA			7			AED.	ITOP	INC						44	· *		
			mdeter	NA ort Num				ARVINN									*	***		.1
5.2	Parent Company's		austre	el NUM			N	A [		丄	7880	820	92							

	_	EPA F	ORM R				TRI Facil	ity ID Numb	per	Page
	PART II. CI	HEMICAL-S	PECIFIC IN	-00***			1	NNR1001N		
1			011 10 1141	CRIMA	ION					
							CHROMIUM		gory or Gene	eric Name
SE	CTION 1. TOXIC CH	EMICAL IDEN	ITITV							
ĺ	CAS Number (Important)	E.	(1)	mportant: D	O NOT comp	olete this sect	on If you -			
1.1	7440473	Enter only one nun	nber exactly as it ap	pears on the	Section 312 I	int F	on it you c	ompleted S	Section 2 be	low.)
4.0	CAS Number (Important: 7440473  Toxic Chemical or Chemic	-10.1			9000013131	ist. Enter categ	ory code if r	eporting a c	hemical cate	gory )
1.2	Toxic Chemical or Chemic CHROMIUM Generic Chemical Name (4)	al Category Name	(Important: Enter o	nly one name	exactly as it a	000				3
1.3	Generic Chemical Name (				activas it a	appears on the	Section 313	list.)		
1.3	Generic Chemical Name (I NA Distribution of Each	mportant: Complet	e only if Part 1, Sec	tion 2.1 is ch	ecked "vno"	0				
1.4	Distribution of Each (If there are any numbers in be reported in percentages	Mombas			once yes.	Generic Name	must be str	ucturally de	scriptive.)	
	(If there are any numbers :		Diuxin and Di	Orin like o	-					
	(If there are any numbers in be reported in percentages 1 2 3	and the total shoul	d equal 1000 kg	filled in with e	ither 0 or son	ne number beb	100n 0 04			
NA	y 2 3	4 5	6 7	u do not have	speciation da	ata available, in	veen υ.υη ar dicate ΝΔ \	nd 100. Dist	ribution shou	ıld
		1 1			' 10	11 40				
SEC.	TION 2. MIXTURE CO	OMPONENT I	DEME						13 16	17
	TION 2. MIXTURE CO	ONLINE I	DENTITY (Imp	ortant: DO	IOT complet	te this section	<u> </u>			$\perp$
2.1	Generic Chemical Name Pro	Maed by Supplier	(Important: Maximu	m of 70 char	rters includ		ii you com	pleted Sec	tion 1 abov	e.)
	TION 3. ACTIVITIES A					mg numbers, le	tters, space	s, and punc	tuation )	
a.   c. [ d. [ e. [ f. [	Manufacture the toxic Produce b.  If produce or import: For on-site use/process For sale/distribution As a byproduct As an impurity	Import	a. Asan	ormulation cor rticle compon	nponent.	a b	nerwise u As a chemid As a manufa Ancillary or d	cal processi acturing aid	xic chemi	cal:
	ON 4. MAXIMUM AMO	OUNT OF THE		C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
CTIC	a.	J. 111E	TOAIC CHEN	ICAL ON	SITE AT A	NY TIME I	URING	TUE CO		
CTIC	U4 (Entart	1-CIOH 00-4- C					21/11/10	TE CAL	ENDAR Y	<b>EAR</b>
CTIC	(Enter two	- digit code fro	m instruction p	ackage )	List of the			No. of Lot, House, St. of Str.		
CTIO	ON 5. QUANTITY OF	THE TOXIC C	m instruction p	ackage.)		B				
CTIO	(Enter two	THE TOXIC C	HEMICAL ENT	ERING E	ACH ENV	RONMENT	AL MEDI	IIIM ON:		
	N 5. QUANTITY OF	THE TOXIC C	HEMICAL ENT	ERING E	ACH ENV	RONMENT	AL MEDI	IUM ONS	SITE	
Fuç	gitive or non-point emissions	THE TOXIC C	A. Total Release	ERING E	ACH ENV	IRONMENT Basis of Estim enter code)	AL MEDI	IUM ONS	SITE	
Fuç air e	gitive or non-point emissions ck or point emissions	NA NA	A. Total Release (Enter range of	ERING E	ACH ENV	IRONMENT Basis of Estim	AL MEDI	IUM ONS	SITE	
Fuç air e Star air e Disc wate	gitive or non-point emissions ck or point emissions charges to receiving streams or bodies (enter one name per	NA NA	A. Total Release	ERING E	ACH ENV	IRONMENT Basis of Estim enter code)	AL MEDI	IUM ONS	SITE	
Fuç air e Star air e Disc wate	gitive or non-point emissions ck or point emissions	NA NA	A. Total Release (Enter range of	ERING E	ACH ENV	IRONMENT Basis of Estim enter code)	AL MEDI	IUM ONS	SITE	

5.3.2

5.3.3

### EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number

46131RVNNR1001N

Toxic Chemical, Category or Generic Name

CHROMIUM

and Indicate the Part II, Section 5.3 page number in this box.

1 (example: 1,2,3, etc.)

# **EPA FORM R**

TRI Facility ID Number
46131RVNNR1001N
Toxic Chemical, Category or Generic Name
CHROMIUM

				ORM					1	46131RVNNR1001		
PAR	RT II. CHEMICA	L - SPEC	CIFIC	INFO	ORMAT	ION	(CONT	INTIED	.			
						.0.1		iiioeb)	'  -	Toxic Chemical, Cal	tegory or (	Seneric Name
SECTI	ONE QUANTITY									CHROMIUM		
SECTI	ON 5. QUANTITY	OF THE T	OXIC	CHEN	MICAL E	NTER	RING EA	CH ENVI	RON	MENTAL MEDI	IM ON	SITE(O. II
			NA	A. Tota	al Release	(poun	ds/year*) (	enter range	1	asis of Estimate	OIN OIL	OTT ECONU
	<u> </u>					code*	* or estima	te)	1	enter code)		
5.4.1	Underground Injection to Class I Wells	n onsite	Х	NA								
5.4.2	Underground Injection to Class II-V Wells	n onsite	Х	NA		***************************************						
5.5	Disposal to land onsit	e										
5.5.1A	RCRA Subtitle C land	ffills	X	NA.	te de personale en la companya de l	alianilla de la			Lord Control	و الله الله الله الله الله الله الله الل	di din din da indi	
5.5.1B	Other landfills		x	NA								
5.5.2	Land treatment/applica farming	ation	X	NA								
5.5.3	Surface Impoundment		x	NA								
5.5.4	Other disposal		х	NA								
SECTIO	ON 6. TRANSFER	S OF THE	TOY	10 0115								
1 DIS	ON 6. TRANSFER	(D) (O) (I)	101	IC CHE	MICAL	IN WA	STES T	O OFF-S	ITE	LOCATIONS		
1 510	CHARGES TO PU	DRLICLY O	WNE	D TRE	ATMEN	T WO	RKS (P	OTWs)				
0.1.A 10	tal Quantity Trans	ferred to P	OTW	and B	asis of E	stima	te					
6.1.A.1.	Total Transfers(po	unds/year*)			i je i	6.1	A 2 Rasi	s of Estim				
_ (	enter range code**	or estimate)						code)	iale			
0	).					╁┷		3343/		`.		
5.1.B.1	POTW Name	DEPARTME			Monko	<u> </u>	М					
POTW Add	dress	796 SOUTH			WORKS							
ity FRA		1 . 55 555111	SIAI	E 0								
~~   I I I V	ANKLIN	J			TT			r				
	ANKLIN POTW Name				State	IN	County	JOHNSON	i I		Zip	46131-
.1.B.2	POTW Name				State	IN	County	JOHNSON	· 		Zip	46131-
.1.B.2 OTW Add	POTW Name				State	IN	County	JOHNSON	l		Zip	46131-
.1.B.2 OTW Add	POTW Name				State	·	County					46131-
.1.B.2 OTW Add	POTW Name	tion 6.1 are at	ttachec	d, Indicat	State state	Inumbe	County Programme				Zip	46131-
.1.B.2  OTW Add  ity  additiona this box	POTW Name iress  If pages of Part II, Sect	tion 6.1 are at	ction (	6.1 page	State state the total number in	i numbe	County or of page	<b>S</b>		23 atc.)		46131-
.1.B.2  OTW Add  ity  additiona this box	POTW Name iress  If pages of Part II, Sect	tion 6.1 are at	ction (	6.1 page	State state the total number in	i numbe	County or of page	<b>S</b>		,2,3, etc.)		46131-
.1.B2  OTW Add  ity  additiona this box  ECTION	POTW Name firess  If pages of Part II, Sect  1 and Indicate in  1 6.2 TRANSFERS	tion 6.1 are at the Part II, Se S TO OTHE	ection (	6.1 page FF-SITI	State e the total number in	i numbe	County er of page ox	<b>S</b>		,2,3, etc.)		46131-
oty Additional this box	POTW Name iress  If pages of Part II, Sect	tion 6.1 are at the Part II, Se S TO OTHE	ection (	6.1 page FF-SITI	State e the total number in	i numbe	County or of page	<b>S</b>		,2,3, etc.)		46131-
.1.B.2  OTW Add  ity  additiona this box  ECTION  2.1 C	POTW Name firess  If pages of Part II, Sect  1 and Indicate N 6.2 TRANSFERS  Off-Site EPA Identification Name NA	tion 6.1 are at the Part II, Se S TO OTHE	ection (	6.1 page FF-SITI	State e the total number in	i numbe	County er of page ox	<b>S</b>		,2,3, etc.)		
.1.B.2  OTW Add  ity  additiona this box  ECTION  2.1 C	POTW Name firess  If pages of Part II, Sect  1 and Indicate N 6.2 TRANSFERS  Off-Site EPA Identification Name NA	tion 6.1 are at the Part II, Se S TO OTHE cation Number	ER O	6.1 page FF-SITI	State e the total number in E LOCA	I number this bo	County er of page ox	<b>S</b>	nple: 1	,2,3, etc.)		46131-

	TRI Facility ID Number		
EPA FORM R	46131RVNNR1001N		
-ART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)	Toxic Chemical, Category or Generic Name		
	CHROMIUM		
Is location under control of reporting facility or parent company?	Yes No		

		r D	A CODM	D					TRI Facility ID Numb	er		
EPA FORM R								46131RVNNR1001N				
RT II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)								Toxic Chemical, Category or Generic Name				
STEMOTE STEER TO THE STANKET TON (SONT INCLE)									СНЯОМІИМ			
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)												
A. Total Transf	B. Bas	sis of	Estimate			C.	C. Type of Waste Treatment/Disposal/					
(enter range	code** or esti	mate)	(en	ter co	de)				Recycling/Energy F	Recovery (enter code)		
1.			1.					1.				
2. 2.								2.				
3.			3.					3.				
4.			4.					4.				
<b>6.2.</b> 2 Off-	Site EPA Id	lentification N	umber (RCI	RA II	) No.)							
Off-Site location	Name											
Off-Site Address	5											
City			State	Cou	unty				Zip -	Country (Non-US)		
Is location un	nder contro	ol of reportin	g facility o	r par	ent compan	ıy	?	T	Yes	No		
A. Total Tra	ansfers (pa	ounds/year*)		B. Basis of Estimate (enter code)				C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)				
1.			1.		(GREC GOOC)			1.				
2.			2.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				2.				
3.	<del></del>		3.					3.				
				4.				4.				
SECTION 7	SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY											
		Check hen			treatment is a	_				,		
X Not A	pplicable (NA	.1 -					chemical category.		entral de la companya			
a. General	b. V	Vaste Treatmen	t Method(s) S	eque	nce	٦	c. Range of Influent	1	d. Waste Treatment	e. Based on		
Waste Stream	. [	enter 3-characte	er code(s)]	·		-	Concentration		Efficiency	Operating Data?		
(enter code)						۱			Estimate			
7A.1a	7A.1b	1		2		1	7A.1c	$\dashv$	7A. 1d	7A.1e		
77.10	3	——————————————————————————————————————		- 1		۱	174.10	$\dashv$		<del> </del>		
NA	6	7		. 5 . 8					%	Yes No		
7A.2a	7A. 2b	1		2		1	7A. 2c	+	7A. 2d	7A. 2e		
	3			5	3	١		$\dashv$		Yes No		
	6	7		8				l	%			
7A.3a	7A.3b	1		2		+	7A.3c	$\dashv$	7A. 3d	7A.3e		
	3	4		5		ł		$\dashv$		Yes No		
	6	7		8		I			%			
7A.4a	7A.4b	1		2		1	7A.4c	$\dashv$	7A. 4d	7A.4e		
- 2 10 104	3	4		5		-		$\dashv$		Yes No		
	6	7		8					%			
7A.5a	7A.5b	1		2		1	7A. 5c	$\top$	7A. 5d	7A. 5e		
	a 3	4	-2	5			Ą		o/	Yes No		
\$	6	7	*	8			s			*		
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box												
and Indicate the Part II, Section 6.2/7A page number in this box : 1 (example: 1,2,3, etc)												

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

	EPA F	TRI Facility ID Number								
PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)			46131RVNNR1001N							
	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)		Toxic Chemical, Category or Generic Name							
		CHROMIUM								
SECT	TION 7B. ON-SITE ENERGY RE	COVERY PROCES	SSES							
X	X Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.									
E	nergy Recovery Methods [enter 3-characte	er code(s)]								
1 N	NA 2 3 4									
SECTION 7C. ON-SITE RECYCLING PROCESSES										
Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.										
R	ecycling Methods [enter 3-character code(	s)]								
1. N	2.	3.	4.		5.					
6.	7.	8.	9.		10.					
SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES										
	Column A Column B Column C Column D									
		Prior Year	Current Reporting Year	Following Year	Second Following Year					
		(pounds/year*)	(pounds/year*)	(pounds/year*)	(pounds/year*)					
8.1	Quantity released ***	1163	1160	928	784					
	Quantity used for energy recovery onsite	NA	NA NA	NA	NA					
8.3	Quantity used for energy recovery offsite	NA	NA	NA	NA					
8.4	Quantity recycled onsite	NA	NA	NA	NA					
8.5	Quantity recycled offsite	1000000	NA	NA	NA NA					
8.6	Quantity treated onsite	NA	NA	NA	NA					
8.7	Quantity treated offsite	NA NA	NA	NA	NA NA					
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)									
8.9	Production ratio or activity index	0000001.00								
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.									
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)								
8.10.1	NA	<b>a</b> .	b.	C.						
8.10.2		a.	b.	c.	c.					
8.10.3		a.	b.	C.						
8.10.4		a. b. c.								
11 %	Is additional information on source reduction, recycling, or pollution control activities  YES NO									

EPA Form 9350-1 (Rev. 01/2001) - Previous editions are obsolete.

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

<sup>\*\*\*\*</sup>Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated onsite.

JAN 6-29-01

Form Approved OMB Number: 2070-0093

Approval Expires: 01/31/2003

Page 1 of 5

(IMPORTANT: Type or print; read instructions before completing form)

,Q,	EPA				FORM	1 F	?					IICAL RELEAS REPORTING I	
	ed States ronmental Prote acy	ction a	Sectio Iso ki	on 313 of the En nown as Title III	nergency Pl of the Sup	lannir erfun	ng and ld Ame	Communi ndments a	ty Righ and Re	nt-to-K autho	rızaı	ion Act	
WHERE	TO SEND COMPL	ETED FO	RMS:		_			PRIATE STATURE				Enter "X" here if this is a revision	•
				P.O Box 3348 Merrifield, VA		,	(See msi	ructions in A	pendixi	,	For	EPA use only	
					CHEMICAL F								
lmpo	rtant: See ins	truction										be checked.	
			PA	RT I. FACIL	ITY IDEN	TIFI	CATI	ON INFO	ORMA	TIOI	N		
SECT	ION 1. REPOR	RTING '	YEAF	R 2000									
SECT	ION 2. TRADE	SECR	ET IN	NFORMATION									
2.1	Are you claiming the f Yes (Answer of Attach su	question : ibstantiati	2.2; on form	ms) X No (D	o not answer 2 to Section 3)		2.2	Is this copy (Answer only		" in 2.1			sanitized
SECT	TION 3. CERTII	FICATI	ON	(Important: Re	ead and sig	gn af	ter cor	npleting a	ill form	n sec	tion	s.)	
I hereb	y certify that I have reation is true and complate available to the p	eviewed to plete and	ne attac that the	ched documents and e amounts and value	that, to the be	st of m	y knowle	dge and belie	f, the su	ıbmitted	I		
Name	and official title of ow	ner/opera	tor or s	senior management	official:				ignature				Date Signed:
MIKE AL	TE			SITE MANAGER	<b>t</b>			/	Mela	d C	au	<u> </u>	06/26/2001
~ <u>{C</u>	TION 4. FACILI	ITY IDE	NTIF	ICATION									
1T									131RVN	The second			
Facility	or Establishment Nam	е		-		Facility	y or Estab	lishment Name	e or Maili	ng Addre	ess(if o	different from street ac	idress)
ARVINI	ERITOR	1.											
Street	ORTH HURRICANE STREE	ΕT			1	Mailin	g Address	1					
	ounty/State/Zip Code					City/S	tate/Zip C	ode					Country (Non-U\$)
FRANK		JOHNS	ON		IN 46131-								
4.2	This report contains (Important : check					In entir	re b.	Part of facility		с.		A Federal facility d.	GOCO
	Important : Great		1								Telep	hone Number (include	e area code)
4.3	Technical Contact	Name	- 1	DEB CHELF	,						(812)	379-3545	
4.4	Public Contact Nar	me		SAM LOCHRICCHIC	)						<u>_</u>	hone Number (includ 655-5521	e area code)
4.5	SIC Code (s) (4 dig	gits)		Primary			c.	1	d.			ө.	f.
		Dea	rees	a. 3714 Minutes	b. Secon	nds	+		<del> </del>	egrees		Minutes	Seconds
4.6	Latitude		9	29	32	2		ongitude		086		02	48
4.7	Dun & Bradstreet Number(s) (9 digit	s)	4.8	EPA Identification N (RCRA I.D. No.) (1		4.9		NPDES Pen er(s) (9 chara		4.10	(U	derground Injection C) I.D. Number(s) (	
	06414783			ND006414783		a. b.	NA			a. 1	NA_		
b.	TION 5. PARE	NT CO	b.	NY INFORMAT	ION	10.			<del>-</del>	12			
	Name of Parent Co		MILY		ARVINME	RITOF	RINC	- 13. - 14.			.,	à	
J.1					<del> </del>	<del></del>						· ·	
5.2	Parent Company's	Dun & B	radstre	eet Number	NA		788082	2092					

								701	Cociii. ID	Alumba-				
	rn	A EODM	D						Facility ID					
EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION								46131RVNNR1001N  Toxic Chemical, Category or Generic Name						
PART II. CHEMICAL-SPECIFIC INFORMATION Toxic C								ai, Catego	Jay or Ger	ieric Nam	<del></del>			
								Non						
	TION 1. TOXIC CHEMICAL			Important:										
1.1	CAS Number (Important: Enter only o	one number ex	cactly as it a	ppears on t	he Section	1 313 list.	Enter cate	egory co	ode if repo	orting a cl	nemical ca	ategory.)	-	
1	7440020	. Nome (Impe	rtant: Entar	only one no	ma avaetl	v ac it ann	noare on t	ha Sart	ion 313 lis					
1.2	Toxic Chemical or Chemical Categor NICKEL	y Name (impo	mant. Enter	only one na	ine exacti	y as it app	Deals Office	16 364	1011 3 13 113					
	Generic Chemical Name (Important:	Complete only	if Part 1, S	ection 2.1 is	s checked	"yes". G	eneric Na	me mus	st be struc	turally de	scriptive.	)		
1.3	NA													
1.4	Distribution of Each Membe (If there are any numbers in boxes 1-	r of the Did	xin and	Dioxin-lik	e Comp	oounds Oorsom	Catego e number	ry. betwee	n 0.01 an	d 100. Dis	stribution	should		
	(If there are any numbers in boxes is be reported in percentages and the to	otal should equ	ual 100%. If	f you do not	have spec	ciation dat	ta availabl	e, indica	ate NA.)		•			
	1 2 3 4	5	6 7		9	10	11	12	13	14	15	16	17	
NA 2					<u> </u>									
SECT	TION 2. MIXTURE COMPO	NENT IDE	NTITY (	(Important:	DO NOT	complet	te this se	ction If	you com	pleted S	ection 1	above.)		
0.4	Generic Chemical Name Provided b	y Supplier (Im	portant: Ma	oximum of 70	) characte	rs, includi	ing numbe	ers, lette	ers, space	s, and pu	unctuation	ı.)		
2.1	NA			The second secon										
SEC.	TION 3. ACTIVITIES AND U	ISES OF T	THE TOY	(IC CHE	MICAI A	AT THE	FACII	ITY						
SEU	(Important: Check all th				····VAL /									
्रो	Manufacture the toxic che	mical: 3	3.2 Prod	cess the t	oxic che	emical:	3.3	Oth	nerwise	use the	toxic c	hemica	al:	
l a.							<b>X</b>	<del> </del>				,		
	If produce or import:		a. 🔲	As a reactar	nt		a.		As a che	mical pro	cessing a	id		
C.	For on-site use/processing		b	As a formul	ation com	ponent	b.		As a mar	nufacturin	g aid			
d.	For sale/distribution		c. X	As an article	compone	ent	C.		Ancillary	or other u	ıse			
θ.	As a byproduct		d {8	Repackagino	9	•								
f.	As an impurity		e.	As an impun	ity									
SEC	TION 4. MAXIMUM AMOU	NT OF THE	TOXIC	CHEMIC	AL ON	SITE A	T ANY	TIME	DURIN	G THE	CALE	NDAR'	YEAR	
4.1	02 (Enter two-d	igit code fro	om instru	iction pac	kage.)									
SEC	TION 5. QUANTITY OF TH	IE TOXIC (	CHEMIC	AL ENTE	RING E	ACH E	NVIRO	NME	NTAL N	IEDIUN	ONSI	TE		
				al Release er range cod		-	B. Basis (ente	s of Est r code)	timate	C. % F	rom Ston	mwater		
5.1	Fugitive or non-point air emissions	NA _		5	· 10 <sup>4</sup>			M						
5.2	Stack or point air emissions	NA [		22	· · · · · · · · · · · · · · · · · · ·			м						
5.3	Discharges to receiving streams or water bodies (enter one name per l											12 w 114 2 2 1 1 4 1		
	Stream or Water Body Na	me								1				
5.3.1	NA :										•			
5.3.2				*				ð, Š				¥.		
5.3.3	3													
If addi	tional pages of Part II, Section 5.3	are attached	, indicate t	he total nu	mber of p	ages in t	this box		1					

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

## EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION

and indicate the Part II, Section 5.3 page number in this box.

1 (example: 1,2,3, etc.)

									TRI Fa	icility ID	Number			
· Comment		EPA I	FOR	MR					46131	RVNNR	1001N			
PAR	Γ II. CHEMICAL -	SPECIF	IC IN	IFORM	MATIC	ON (C	ONTIN	UED)	Toxic (	Chemica	al, Category or	Generi	ic Nam	9
									NICKEL					
SECTIO	ON 5. QUANTITY OF	THE TOX	(IC C	HEMICA	AL EN	TERIN	G EACH	ENVIR	ONMEN	TAL N	MEDIUM O	NSITE	(Conti	nued)
		N	IA A.	Total Re			ear*) (ente estimate)	r range	B. Basis of (enter co		ate			
5.4.1	Underground Injection on to Class I Wells	site		NA										
5.4.2	Underground Injection on to Class II-V Wells	site		NA							en deservan einschelbe mitein	i e della seria della co	(Parker of the	i prancioni sassissi.
5.5	Disposal to land onsite				and the second									
5.5.1A	RCRA Subtitle C landfills		X I	NA										,
5.5.1B	Other landfills		X I	NA									······	
5.5.2	Land treatment/application	on [	X I	NA :										
5.5.3	Surface Impoundment		X I	NA										
5.5.4	Other disposal			NA										· · · · · · · · · · · · · · · · · · ·
SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS														
1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)														
6.1.A Total Quantity Transferred to POTWs and Basis of Estimate														
6.1.A.1. Total Transfers(pounds/year*)  (enter range code** or estimate)  6.1.A.2 Basis of Estimate  (enter code)														
0 0														
6.1.B.1 POTW Name DEPARTMENT OF PUBLIC WORKS														
POTW	Address	796 SOUTH	STAT	E ST										
City F	RANKLIN				State	IN	County	JOHNS	ON			Zip	46131	
6.1.B.2	POTW Name	-			. · · · · · · · · · · · · · · · · · · ·									
POTW Address														
City					State		County					Zip		
If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages in this box 1 and indicate the Part II, Section 6.1 page number in this box 1 (example: 1,2,3, etc.)														
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS														
6.2.1 Off-Site EPA Identification Number (RCRA ID No.) NA														
Off-Site	Location Name NA	١				·á			4					
Off-Site	Address	*				ķ				ž			,	
City		S	state	Cou	nty					Zip		1	on-US)	
T				_					<u> </u>	٦		$\overline{}$		

	TRI Facility ID Number
EPA FORM R	46131RVNNR1001N
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)	Toxic Chemical, Category or Generic Name
	NICKEL
Is location under control of reporting facility or parent company?	Yes No

							TR	I Facility ID Numbe	ſ
		EPA I	FORM R				46	131RVNNR1001N	
RTILC	HEMICAL-SP	ECIFIC	INFOR	TAN	ON (CC	NTINUED)			gory or Generic Name
(1(1 11. 0	, i Elinio, i E				•	•	NIC	KEL	
SECTION 6	2 TRANSFERS	го отн	ER OFF-S	ITE L	OCATIO	NS (Continued	l)		
A. Total Transfe			B. Basis				C. Ty	pe of Waste Treat	ment/Disposal/
	code** or estimate)		(enter	code)			Re	cycling/Energy R	ecovery (enter code)
1.			1.				1.		
2.			2.				2.		
3.			3.				3.		
4.			4.				4.		
<b>6.2.</b> 2 Off-	Site EPA Identifica	tion Num	nber (RCRA	ID No	0.)				
									and the second s
Off-Site location	Name								
Off-Site Address	S								
		T	State C	County	T			Zip -	Country
City					<u></u>	_		<del></del>	(Non-US)
Is location un	nder control of re	porting t	facility or p				ــــــــــــــــــــــــــــــــــــــ	Yes	No No
A. Total Tra (enter ra	ansfers (pounds/yo ange code** or estima				ists of Estin inter code)	nate	C.	Type of Waste Tre Recycling/Energy	Recovery (enter code)
1.			1.	-			1.		
2.			2.				2.		
<b>3</b> ,			3.				3.		
,			4.				4.		
SECTION 7	A. ON-SITE WA	STE TR	REATMEN	ME	THODS A	ND EFFICIENC	Υ		
	Cl	neck here it	f no on-site wa	ste tre	atment is ap	plied to any			w. r
	Wa		Method(s) Sec		Chernical O	chemical category.  c. Range of Influen	t d	Waste Treatment	e. Based on
L General Waste Stream		character		luci ice		Concentration		Efficiency Estimate	Operating Data?
(enter code)								Estimate	
7A.1a	7A. 1b	1		2		7A.1c		7A. 1d	7A. 1e
	3	4		5				%	Yes No
NA	6	7		8					
7A.2a	7A. 2b	1	·	2		7A. 2c		7A. 2d	7A. 2e
	3	4		5				%	Yes No
	6	7		8					
7A.3a	7A. 3b	1		2		7A.3c		7A. 3d	7A. 3e
	3	4		5				%	Yes No
	6	7		8					
7A.4a	7A. 4b	1		2		7A.4c		7A. 4d	7A.4e
	3	4		5				%	Yes No
	6	7		8				/*	
7A.5a	7A. 5b	1		2		7A.5c		7A. 5d	7A. 5e
1	3	,4		5	ŝ			* <b>*</b>	Yes No
	6	7	¥	8		*			
If additional page	ges of Part II, Section	n 6.2/7A a	are attached,	Indicat	te the total r	number of pages in t	his box	( 1	
and indicate the	e Part II, Section 6.2	/7A page ı	number in thi	s box	: 1	(example: 1,2,3, et	ic)		

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year

<sup>\*\*</sup> Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

	EPA FO	ORM R		TRI Facility ID Numb	er			
DA	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED) 46131RVNNR1001N							
· \PA	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)  Toxic Chemical, Category or Generic Name							
	NICKEL							
SECT	ION 7B. ON-SITE ENERGY RE	COVERY PROCES	SSES					
X		If no on-site energy recoval	ery is applied to any waste or chemical category.					
Er	nergy Recovery Methods [enter 3-character	code(s)]						
1 NA	. 2	3		4				
SECT	ION 7C. ON-SITE RECYCLING	PROCESSES						
X	Not Applicable (NA) - Check here if no stream contain	on-site recycling is appliing the toxic chemical or o						
Re	ecycling Methods [enter 3-character code(s	)]		e i i i i ji es <u>ki</u> wasi				
1. N	A 2.	3.	4.		5.			
6.	7.		10.					
SECT	ION 8. SOURCE REDUCTION	AND RECYCLING	ACTIVITIES					
		Column A	Column B	Column C	Column D			
		Following Year	Second Following Year					
		(pounds/year*)	(pounds/year*)	(pounds/year*)	(pounds/year*)			
J 8.1	Quantity released ***  Quantity used for energy recovery	28 NA	27 NA	22 NA				
. <u>,</u>	onsite	100	100	101	NA .			
8.3	Quantity used for energy recovery offsite	NA	NA NA	, NA	NA			
8.4	Quantity recycled onsite	NA	NA	NA	NA			
8.5	Quantity recycled offsite	46000	NA	NA	NA			
8.6	Quantity treated onsite	NA NA	NA	NA NA	. NA			
8.7	Quantity treated offsite	NA	NA	NA	NA NA			
Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)								
8.9	3.9 Production ratio or activity index 0000000.96							
Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.								
	Source Reduction Activities Methods to Identify Activity (enter codes)  [enter code(s)]							
8.10.1	0.1 NA a. b. c.							
8.10.2		а.	b.	c.				
8.10.3		a	b.	c.				
8.10.4		a.	b.	c.				
3.11	Is additional information on source reduct included with this report? (Check one bo	ion, recycling, or pollution x)	control activities	v. F	YES NO			

<sup>\*</sup> For Dioxin or Dioxin-like compounds, report in grams/year



Indiana Emergency Response c/o IDEM Mr. Skip Powers, Director 5500 W. Bradbury Indianapolis, In. 46241

Dear Mr. Powers:

In compliance with SARA Section 312, I have enclosed a Tier Two report for the Franklin Plant of Arvin North American Automotive.

I have also enclosed a site plan showing the location of a tank containing Number 2 fuel oil.

If you need further information, please call me at 317-736-7111, extension 269.

Best regards,

John McBeath

Assistant Personnel Manager

Frankin Plant

JM/sd

cc: Jim Stegemiller

Mark Adolay Doug Freund



Mr. Sam Williams
Johnson County Civil Defense and
Emergency Response
86 West Court Street
Franklin, In. 46131

Dear Mr. Williams:

In compliance with SARA Section 312, I have enclosed a Tier Two report for the Franklin Plant of Arvin North American Automotive.

I have also enclosed a site plan showing the location of a tank containing Number 2 fuel oil.

If you would like to tour our facility to see the actual locations of these tanks, please call me at 317-736-7111, extension 269.

Best regards

John McBeath

/Assistant Personnel Manager

Frankin Plant

JM/sd

cc: Jim Stegemiller

Mark Adolay Doug Freund



Mr. Mike Parkhurst c/o Franklin Fire Department 1701 N. Main Street Franklin, In. 46131

Dear Mr. Parkhurst:

In compliance with SARA Section 312, I have enclosed a Tier Two report for the Franklin Plant of Arvin North American Automotive.

I have also enclosed a site plan showing the location of a tank containing Number 2 fuel oil.

If you would like to tour our facility to see the actual locations of these tanks, please call me at 317-736-7111, extension 269.

Best regards

John McBeath

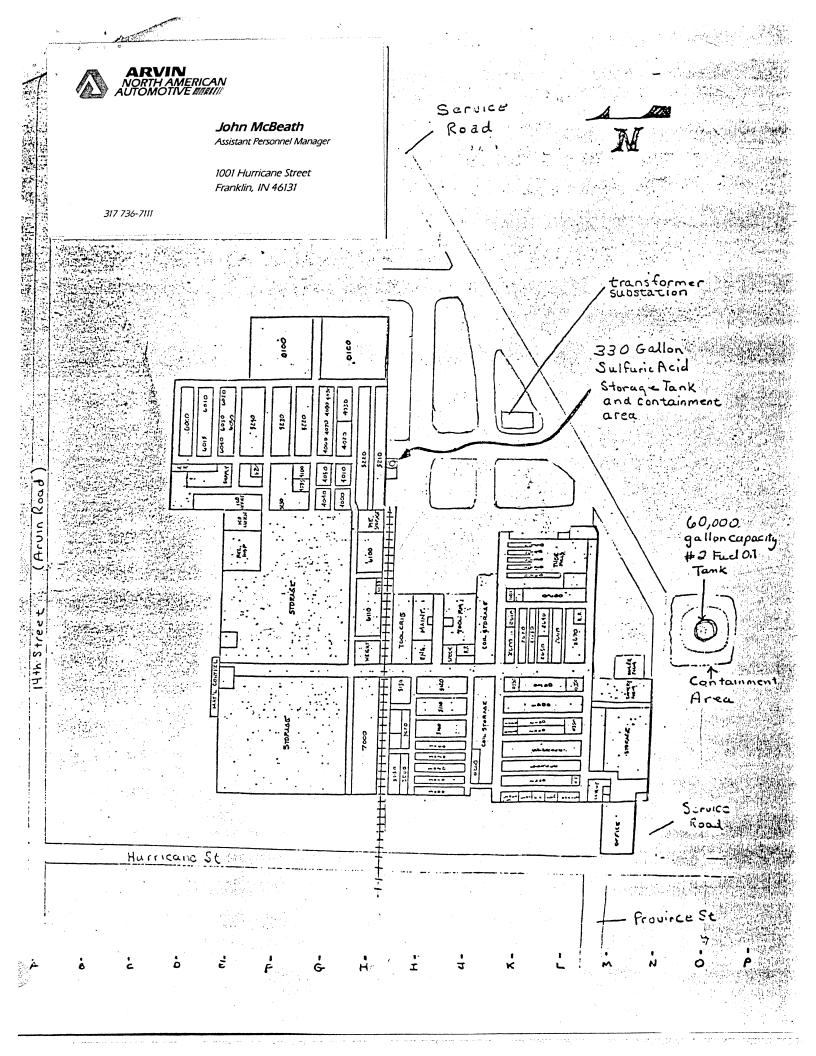
Assistant Personnel Manager

Frankin Plant

JM/sd

cc: Jim Stegemiller

Mark Adolay Doug Freund





Mailed 2/26/91

Indiana Emergency Response c/o IDEM Mr. Skip Powers, Director 5500 W. Bradbury Indianapolis, IN 46241

Dear Mr. Powers:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Franklin Plant of Arvin North American Automotive.

I have also enclosed a site plan showing the location of the storage tanks.

If you need further information, please call me at (317) 736-7111, Ext. 269.

Best regards,

John McBeath

Assistant Personnel Manager

Franklin Plant

JM/1h

cc: Mark Adolay
Doug Logan
Jim Stegemiller



Johnson County Emergency Management c/o Dennis Ford llll Hospital Road P.O. Box 171 Franklin, IN 46131

Dear Mr. Ford:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Franklin Plant of Arvin North American Automotive.

I have also enclosed a site plan showing the location of the storage tanks.

If you need further information, please call me at (317) 736-7111, Ext. 269.

Best regards,

Jøhn McBeath

Assistant Personnel Manager

Franklin Plant

JM/1h

cc: Mark Adolay

Doug Logan



Franklin Fire Department c/o MR. Jack Matthews 1701 N. Main Street Franklin, IN 46131

Dear Mr. Matthews:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Franklin Plant of Arvin North American Automotive.

I have also enclosed a site plan showing the location of the storage tanks.

If you need further information, please call me at (317) 736-7111, Ext. 269.

Best regards,

∕Jøhn McBeath

Assistant Personnel Manager

Franklin Plant

JM/1h

cc: Mark Adolay

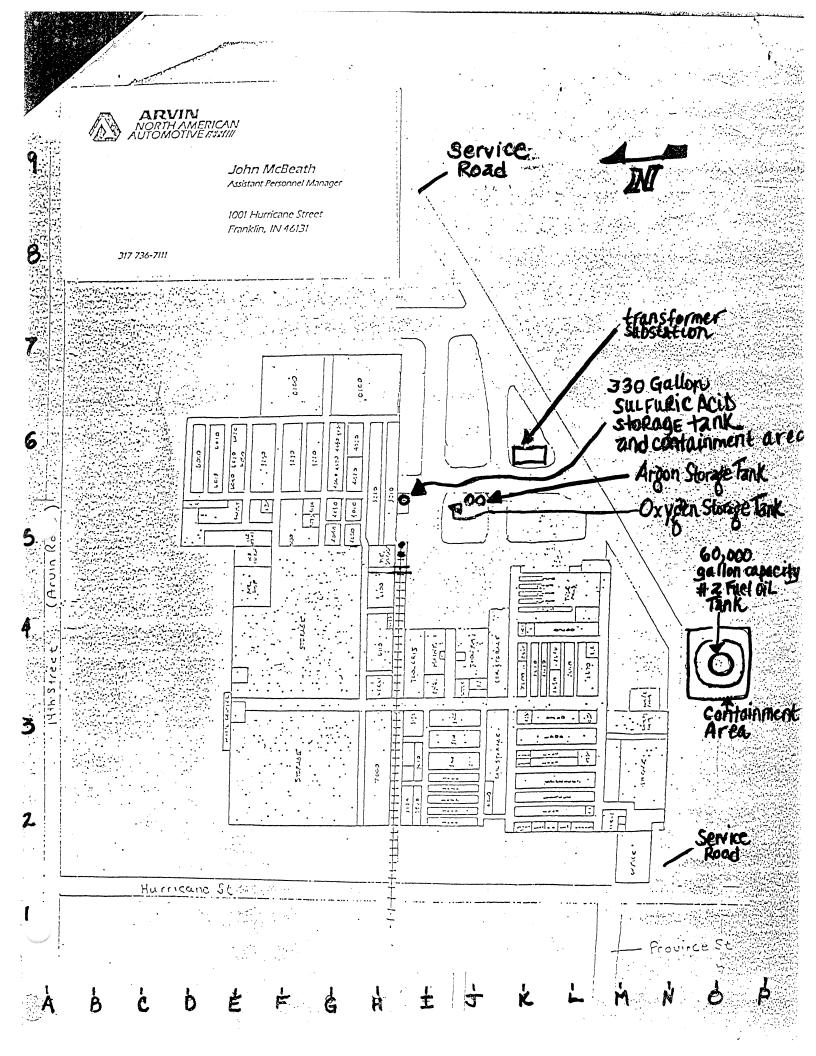
Doug Logan

,\*; John Mc Name and offic. I corify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true-pooriest. Certification cas Lo EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY **EHS Name** Check all that apply: Chem. Name Information by Chemical EHS Name Check all that apply: Chem. Name CAS Chem. Name CAS EHS Name Specific that apply: Check all Tier Two Important: Read all instructions before completing form 0 0 Chemical Description ş ⊠ of owner/operator OR owner/operator's authorized representative  $\bowtie$  $\infty$ (Read and sign after completing all sections, Fue] Sulfuric Acid Street Ş Name Argon Assistant Personnel Manager Facility Identification 40 SIC Code 6 4 ž. OFFICIAL ONLY 0i1Franklin 9 1001 N. Arvin North American 3 7 3 7 3 0 9 w Date Received Ö riqi. 1 4 Hurricane St. 2 9 წ ⊠ County Johnson 03661 Trade Secret Secret Trade Secret Dun & Brad O Number  $\times$ Automotive Physical and Health F Immediate (acute) Sudden Release of Pressure Hazards Delayed (chronic) Sudden Release of Pressure hack all that apply Reactivity Immediate (acute) Immediate (acute) 7 Delayed (chronic) Reactivity Delayed (chronic) Sudden Release of Pressure Reactivity State 6 4 Reporting Period NI 4 7 ģ 0 3 0 46131 6 4 4 5 5 3 9 5 Avg Dally Amount (code) 8 Max. Daily Amount (code) Avg. Dany Amount (code) Max Daily Amount (code) Avg. Dally Amount (code) Max. Daily Amount (code) Inventory Ù From January 1 to December 31, 1990 No. of Days Drivalte (days) No. of Days On-site (days) No. of Days On-site (days) , and that based Owner/Operator Name Phone Negr Phone Emergency Contact Name John McBeath Mail Address 1531 Mark (317) 736-7111 Name Arvin Industries, 736 - 7111Container Type Adolay Date signed 2 2 - 25 - 91Temperature 4 Pressure Storage Codes and Locations J-5 0-4 H-5 Check if information below is identical to the information submitted test year. Storage Locations Columbus, Inc. |Non-Confidential) Optional Attachments 24 Hr. Phone 24 Hr. Phone I have attached a list of site coordinate abbreviations I have attached a site plan I have attached a description dikes and other saleguard Page 1 of 2 p Form Approved OMB No. 2050-0072 THE Personnel Manager THE Personnel Manager IN Assistant (317 Phone 47201 317,736-7111 736-7111 (812 379-30 Optional

Revised June 1990

pages

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 2, and the on my inquiry of those individuals responsible for extaining the information, I believe that the submitted information is true, accurate, and extrapolate, and extrapolate. Certification Revised June 1990 EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY Information by Chemical Check all that apply: Check all that apply: Chem. Name CAS CAS EHS Name Check all that apply: ohn McP-1th, EHS Name Chem. Name EHS Name Chem. Name CAS 0 Specific Tier Two Important: Read all instructions before completing form Chemical Description 0 7 7 Pure × (Read and sign after completing all sections) owner/operator OR owner/operator's authorized representative 0xygen Street Name Facility Identification 8 2 SIC Code Ĭ. <u>Assistant Personnel Manager</u> Ĭ. DFFICIAL USE ONLY Arvin North American Automotive 1001 N. Hurricane St. Franklin w 4 Date Received ō <u>[</u>2] ρ × County B Secret Secret Secret Trade Secret 03661 Dun & Brad O Number Johnson Physical and Health 0 - 6 Sudden Release of Pressure shock all that apply Hazards Immediate (acute) Reactivity Sudden Release of Pressure 7 Delayed (chronic) Delayed (chronic) FY Sudden Release of Pressure 2 Immediate (acute) Reactivity Delayed (chronic) Immediate (acute) Reactivity State Reporting Period 4 1 IN - 4 7 8 ğ 6 5 4 Avg. Dally Amount (code) 46131 Max.Daily Amount (code) Avg. Dally Amount (code) Max. Daily Amount (code) Avg. Daily Amount (code) Max Delly Amount (oode) inventory From January 1 to December 31, 19 90 No. of Days On-site (days) No. of Days On-site (days) No. of Days On-site (days) and that based Owner/Operator Name Phone (317 )736-7111 Phone (317 )736-7111 Emergency Contact Name | Name Mail Address Mark J. Adolay Name John McBeath Arvin Industries, 1531 13th. Container Type 2-25-91 2 Temperature Pressure Storage Codes and Locations St., J-5 Check if information below is identical to the information submitted that year. Storage Locations Columbus, (Non-Confidential) Optional Attachmanta Inc. 24 Hr. Phone 24 Hr. Phone I have attached a list of site coordinate abbreviations I have attached a site plan I have attached a description dikes and other saleguard n Page 2 pages Form Approved OMB No. 2050-0072 3 큹 IN (317 )736-7111 Personnel Man (317 736-7111 Personnel Manage Phone 1 47201 Assistant (812)379-30 Manage Optional





-Mailed 2/26/92 9M

Indiana Emergency Response c/o IDEM Mr. Skip Powers, Director 5500 W. Bradbury Indianapolis, IN 46241

Dear Mr. Powers:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111 Ext. 2802.

Best regards,

*Op*hn McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Mark Adolay
Doug Logan
Jim Stegemiller



Johnson County Emergency Management c/o Dennis Ford 1111 Hospital Road P.O. Box 171 Franklin, IN 46131

Dear Mr. Ford:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111 Ext. 2802.

Best regards,

Jøgn McBeath

Aşsistant Manager, Human Resources

Franklin Plant

cc: Mark Adolay Doug Logan



Franklin Fire Department c/o Mr. Jack Matthews 1701 N. Main Street Franklin, IN 46131

Dear Mr. Matthews:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111 Ext. 2802.

Best regards,

John McBeath

/Assistant Manager, Human Resources

Franklin Plant

cc: Mark Adolay

Doug Logan

Elewised June 1990			2	
Tier Two	omotive	Owner/Operator Hame  Arvin Industries, Inc.  Mai Address 1531 13th Street, Columbu	Form Approved OMB No. 2020-0072  Phone 812 1379-30 00 15 IN 47201	
ANZARDOUS HAZARDOUS CHEMICAL INVENTORY	SIC Code 3 7 1 4 Dvn & Brad 0 0 6- 4 1.	Continue	Asst. Mgr Human R.source	rce
Information by Chemical	DFFICIAL D.  ONLY Date Received	This I	iuman Res. Manage: (317)736-7111	
Important: R	tions before completing form	Reporting Period From January 1 to December 31, 19 91 Special Mylamester below is the information	to the information	
Chem	Phy and J	Inventory Container Type Temperature Prassure	E) Cations Optional	
CAS 0 0 7 Chem. Name S Check all X And apply: Pure EHS Name	Sulfuric Acid  Sulfuric Acid  X  X  X  X  X  X  X  X  X  X	0 3 Amain (2004)  0 3 Amain (2004)  3 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		
CAS 0 0 7 Chem. Name A Chect all X Luc apply: Pure EHS Name	Argon  Argon  X Sudden Release  X Reactivy  Reactivy  Nin Solid Liquid Gas EHS  Prode  X Sudden Release  X Reactivy  Reactivy  Charged (shronis)	O. 4 Annual Park.  O. 4 Annual Park.  S. 6 5 Park Park.  J. 6 5 Park.  J. 6 10 Park.  J. 7 10 Park.  J.		<b>⊕</b> ₹ 1 • 1
Chem. Name Chem. Name Chem. Name Check all X Pure EHS Name	7 7 8 2 4 4 7 Secret X Fisher Oxygen  Oxygen  X Suddan Release X Suddan Release X Suddan Release X of Free un Reactivity X Mirk Solid Liquid Can EHS Delayed (chronic)	0.1.4 (Aug. 2nd) (2.05)  3.16 [5] (Aug. 2nd) (2.05)		-

i berify under penalty of law that I have personally examined and am familiar with the information submitted in on my inquiry of the viduals responsible for obtaining the information, I believe that the submitted information.

Assistant Mgr. Human Resources

Name and official title of owner/merator OR owner/marshall

John Mc

Page 2 of 2 pages Form Approved OMB No. 2050-0072

	Cartillication   (Need and siles completing all sections)	Certification (Key Loerity under penaty of law it on my inquiry of the wide John Mc at
	Fite Suid Can EHS Code (chronis)	CASChem. Name
를 <b>사</b> 유 년	Trade   Fire   Secret	Chem. Name
		Chem. Name Fu
	Chemical Description  Physical Health Hazards  Inventory  Inventory  Storage Codes and Locations  (Non-Confidential)  Storage Codes and Locations  Storage Storage Codes and Locations	Important: Read Chemica
source	(317)736-7111 ext. 2802 24H, Phone (317)736-7111  Mark J. Adolay  Manager, Human Re (317)736-7111 ext. 2801 24H, Phone (317)736-7111	Specific Information by Chemical
00 Resour	Arvin North American Automotive Handswafence 1001 N. Hurricane Street TN Zo 46131 Users 1531 13th Street, Columbus, IN 47201  Franklin comy Johnson Sate IN Zo 46131 Users 1531 13th Street, Columbus, IN 47201  Energy Contact Energy Contact Energy Contact Street Name Asst. Mgr. Human	Tier Two  EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY



John McBeath
Assistant Personnel Manager

1001 Hurricane Street Franklin, IN 46131

317 736-7111

Service: Road M

Province St

transformer substation 330 Gallori Sulfulic Acid storage tank and containment are Argon Storage Tank ĬĮ Containment Area . 7 Hurricane Statement

ABCBEFEHEFKLMNOF



Mailed 2/23/93

February 23, 1993

Indiana Emergency Response c/o IDEM Mr. Skip Powers, Director 5500 w. Bradbury Indianapolis, IN. 46241

Dear Mr. Powers:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, Ext. 2802.

Best Regards,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Mark Adolay

Doug Logan



Johnson County LEPC Attn: Dennis Ford Johnson County Emergency Mgt. 1111 Hospital Road P.O. Box 171 Franklin, IN. 46131

Dear Mr. Ford:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, Ext. 2802.

Best Regards,

Jøhn McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Mark Adolay Doug Logan



Franklin Fire Department Attn: Jack Matthews 1701 N. Main Street Franklin, IN. 46131

Dear Mr. Matthews:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, Ext. 2802.

Best Regards,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

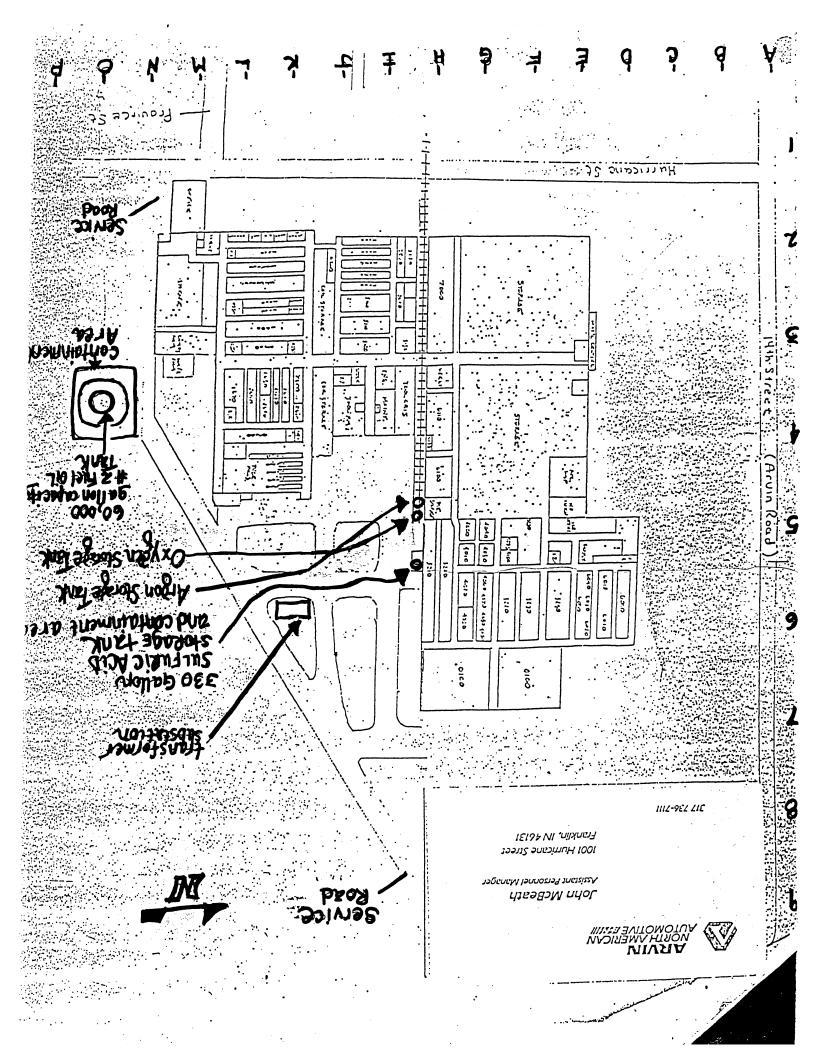
cc: Mark Adolay

Doug Logan

Form	Page
pproved	-
OMB	٠ و
Form Approved OMB No. 2050-0072	2
72	pages

Certuil Californ (Keda drad Sign after completing all sections)  I certify under penalty of law that I have personally exterined and am farritar with the information submitted in pages one through on my inquiry of those individuals responsible for obtaining the information. I believe that the submitted information is true, account John McBeath, Asst. Mgr. Human Resources	X Fire X Sudden Release X of Pressure Reactivity X Immediate (acute) Delayed (chronic)	CAS 0 0 7 4 4 0 3 7 1 Trade X Socrat X Sudden Release Chem. Name Argon  Check all X X X Reactivity  Check all X Solid Uquid Gas EHS  EHS Name  Five  X Sudden Release  Reactivity  X Immediate (acrule)  EHS Name	CAS 0 7 6 6 4 9 3 9 Trade X Fire  Chem. Name Sulfuric Acid  Check all X Name Nix Solid Liquid Gas EHS  EHS Name	Important: Read all instructions before completing form  Physical Chemical Description  Chemical Description  Physical and Health Hazards (brown at that uppn)	FOR Described Chemical OFFICIAL ONLY Date Received Located on top of Mailing Label	Tier Two  Manne Arvin North American Automotive ID #03661  EMERGENCY AND SILEM Franklin County Johnson State IN 7p 4613 HAZARDOUS CHEMICAL IN SIC Code 3 7 1 4 0 0 0 0 - 6 4 1 1-4 7 8
hrough 2 and that based accoupts, and complete.	Max. Dally Amount (code)  Avg. Dally Amount (code)  No. of Days Check to Code (days)	04 Max: Dally Amount (code) 04 Avg. Dally Amount (code) 36 5 No. of Days 36 5 On-elle (days)	Max. Dally Amount (code)  Avg. Dally Amount (code)  3 6 5 No. of Days Dn-elle (days)		Name Mark J Phone (317)	Owner/Operator N   Name Ar   15:
Opdoral Attachments  X   have attached a six plan   have attached a list of six coordinate abbreviations   Line attached a description of	A 2 7 H-5	A 2 7 H-5	A 1 4 H-5	Storage Codes and Locations  Storage Codes and Locations  Signature (Non-Confidential)  Signature Codes Signature (Non-Confidential)	. Adolay 736-7111 Ext. 2801 24 Hr. Phone (317) 736-7111	Arvin Industries, Inc. Phone (812)379-30 1531 13th Street, Columbus, IN 47201    Street

Page 2 of 2 pages Form Approved OMB No. 2030–0072



. O lenoliq ( Page \_\_\_\_\_ of \_\_\_\_\_ pages Form Approved OMB No. 2050-0072 24 H. Phone (317 1736 711) Prone (317) 736-7111 - 4x+2802 244. Phone (517) 736-7111 1812 1379 Storage Codes and Locations (Non-Confidential) I have attached a lat of site coordinate abbreviations
I have attached a description of diles and other safeguerd measures まままる 47201 Obsolit i pasmatos batos à therital is de beterman I have attached a site plan Floa Opposed American F Sarage Locations Industrie of me Mumbus Phone (317) 736-7111 ext 2801 Ś 5-4 I 2-28-94 I Mark J. Adoby Emergency Contact & Beath Contains Type Franks Sancerains 3.5 Date signed Nema aburn જ From January 1 to December 31, 19 93Owner/Operator Name Nail Address 1531 365 00 de (days) S No. of Days On-eite (days) 011 Ang Dally O 3 Avg. Dally Amount (code) nventory 0 3 Amouni (code) Max. Dally Amount (code) Max. Deliy Amount (code) 〇日 Avg. Delly TD# 03.66 10 Hb13 Oun & Bray 00 -6411-478 04 From Mailing Label 04 36 Reporting Period Signature American Autom - County Johnson State IN and Health Hazards Immediate (acute) Delayed (chronic) Sudden Release of Pressure Immediate (acute) Sudden Release of Pressure Delayed (chronic) immediate (acute) Delayed (chronic) Charles State Speci Physical Sudden Released of Pressure Reactivity Reactivity Reactivity <u>₹</u> χ John McReath, Asst HP Mgr × × × Important: Read all instructions before completing form HW ricans Name and official life of owner/operator OR owner/operator's authorized representative 图器 Trade Transfe Secret (Read and vign after completing all sections) Arun North  $\boxtimes$   ${}_{\! s}$ Chom. Name SULLIUME ARIO Date Received Chemical Description SIC CON 3 7 1 4 9 44 7 Facility Identification ] CAS (0 10 7 14 10 37) (22) Q 9 1001 S CH Franklin War CAS 007664 787 Name Street Revised November 1990 × Chem. Name Chem. Name 7 Tier Two EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY CAS 0 0 Certification Specific Information by Chemical EHS Name EHS Name EHS Name iş i i de la Chack all

lenobq0 Page 2 of 2 pages Form Approved OMB No. 2050-0072 Storage Codes and Locations (Non-Confidential) O Check is the matter before in the stand to the lates Proge Opdonel Asserbments 24 Hr. Phone 24 Hr. Phone Sanage Locatons į ŝ 4-0 emmediel From January 1 to December 31, 19  $^{\circ}\!\!\!/\, \mathcal{S}$ Owner/Operator Name A **Emergency Contact** Mai Address Name No. of Days On-elfe (days) Pose | Certification: (Read and 1) gn after completing all sections)

Loadly under penalty of law that I have personally examined and an familiar with the information submitted in pages one through \_\_\_\_\_ and that based on my inquiry of those individuals responsible for obtaining the information, I before that the submitted information is true, accurate, and complete. Neme Avg. Dally Amount (code) Max. Dally Amount (code) Inventory Max. Daff Amount (code) Avg. Delly Amount (oods) Ę OIS Amount (code) Max. Dally Amount (code) 0 5 From Mailing Label Reporting Period Physical and Health Sudden Release of Pressure Delayed (ohronic) Immediate (acute) Immediate (acute) Delayed (chronic) Sudden Release of Pressure Immediate (acute) Delayed (chronic) Sudden Release Come and the same Hazards Reactivity Reactivity Reactivity State  $\overline{\mathsf{x}}$ Important: Read all instructions before completing form 6 Dun & Brad Number Trade Secret Trade Secret S Tage County ð Date Received Chemical Description 7 Facility Identification 30 ò ¥ Chem. Name Just 1011 CAS @ [6 | 8 | 4 | 7 | 6 SIC Code /\ ₹ Negae Street Revised November 1990 Tier Two EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY Chem. Name Chem. Name Specific Information by Chemical EHS Name EHS Name EHS Name :(pet shap): Check all CAS CAS

Signature Name and official title of owner/operator OR owner/operator's authorized representative

I have attached a she plan

I have attached a list of she
coordinate authoriviation of
I have attached a description of
dilives and other safeguard measures

Date signed



Mailed 2/28/94 Qx

February 28, 1994

Johnson County LEPC Attn: Bob Smith Johnson County Emergency Mgt. 1111 Hospital Road P.O. Box 171 Franklin, IN 46131

Dear Mr. Smith:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2808.

Sincerely,

John McBeath

Absistant Manager, Human Resources

hn MBearth

Franklin Plant

cc: Indiana Emergency Response (c/o IDEM)

Franklin Fire Department

Mark Adolay
Doug Logan
Jim Stegemil



Franklin Fire Department Attn: Jack Matthews 1701 N. Main Street Franklin, IN 46131

Dear Mr. Matthews:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2808.

Sincerely,

Øhn McBeath

Wssistant Manager, Human Resources

Franklin Plant

cc: Indiana Emergency Response (c/o IDEM)
Johnson County Emergency Management

Mark Adolay
Doug Logan

ohn MBeath



Indiana Emergency Response Commission Attn: SARA Title III Reporting 100 N. Senate Avenue P.O. Box 7024 Indianapolis, IN 46207-7024

To Whom It May Concern:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2808.

Sincerely,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Franklin Fire Department

Johnson County Emergency Management

Mark Adolay Doug Logan

## INDIANA EMERGENCY RESPONSE COMMISSION

## **SARA TITLE III FACILITY INFORMATION SHEET**



FEE: A

AUTOMOTIVE

## -INSTRUCTIONS-

1. This form must be returned regardless of your filing status.

R DATABASE ACCURACY.

- 2. If your facility operated at any time during 1993 and your facility is in category A, B or C, you must complete this form and the Tier Two forms and return them together to the address below. (See the Indiana Tier Two Reporting Instructions for an explanation of fee categories.)
- 3. If you are in category E, please return this form with the Tier Two form, but do not pay a fee.

03661

MSDS: 09/38

ARVIN NORTH AMERICAN

1001 NORTH HURRICANE

EASE INDICATE YOUR CURRENT	A 1001 NORTH HURRICAN	NE ST
E CATEGORY CODE (A,B,C, or E):	FRANKLIN	IN 46131
ANYTHING ON YOUR PEEL-OFF LA	BEL IS INCORRECT, PLEASE MAKE CORRECT	TIONS HERE:
CILITY NAME:		
REET ADDRESS (No P.O. Boxes, pl	ease):	
TY:	STATE:	ZIP CODE:
UNTY:		
ohnson (it is marked out on	label, but it is correct)	
HE FACILITY HAS CLOSED, ENTER	THE DATE ON WHICH OPERATIONS CEASED	) <u>:</u>
		(month, day, year)
THE FACILITY WAS SOLD IN 1992 AID MAILING ADDRESS OF THE NEW	ND YOU WILL NOT NEED TO FILE IN 1994, PLE OWNER:	FASE GIVE US THE NAME
ME:		
REET ADDRESS (No P.O. Boxes, ple	ease):	
Υ:	STATE:	ZIP CODE:

se mail this completed form with your other necessary forms from this package to:

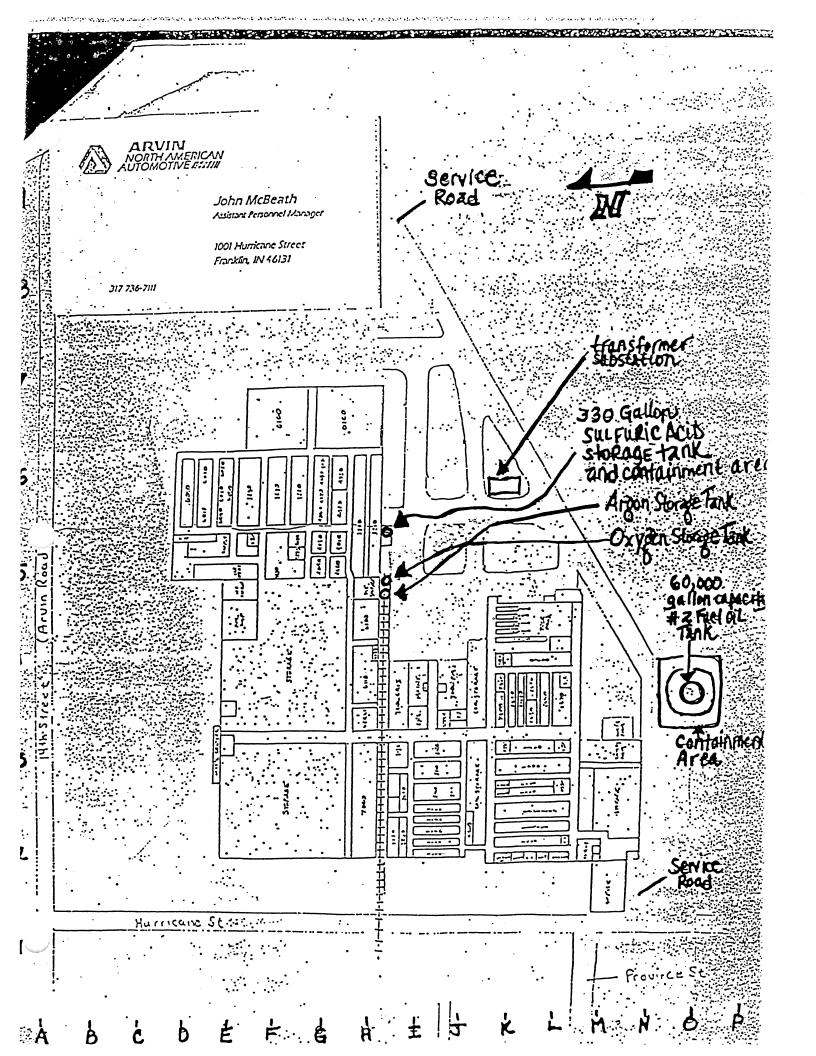
Indiana Emergency Response Commission ATTN: SARA Title III Reporting 100 N. Senate Avenue P.O. Box 7024 Indianapolis, IN 46207-7024

Certification: (Read and xign after completing all sections)

certify under penalty of lew that I have personally examined and are familiar with the information submitted in pages one through \_\_\_\_
on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, f EHS Name Check all CAS O Chem. Name Revised November 1990 in a series EHS Name Chem. Name Argon CAS O in a si Specific Information by Chemical HAZARDOUS CHEMICAL INVENTORY EHS Name Chem. Name cas 0 0 EMERGENCY AND Tier Two Important: Read all instructions before completing form Chemical Description McBeath, 0 7 ğ 🔀 <u>ج</u> ک 0xygen Sulfuric Acid 440 3 7 8 6 6 4 Sirve N Facility Identification sic code 3 7 1 4 Asst. Manager, Human Resources 2 Franklin Arvin North American Automotive 7 9 3 4 7 7 **Date Received** 0 £ × E 🔀 Hurricane Street 9 County Johnson PX Second | Trade Secret Dun & Brad 0 0 -6 4 1 -4 7 E × Physical and Health ≱ F Drack at that appr Delayed (chronic) Immediate (acute) Sudden Release of Pressure 7 Sudden Release of Pressure Hazards Reactivity Sudden Release of Pressure Delayed (chronic) 7 Immediate (acuta) Readivity Delayed (chronic) hramadiate (acute) Pleactivity Reporting Period From Malling Label NI ID#03661 4 10 3 0 4 Amount (code) 0 3 0 3 AM Dally Avg. Dally Amount (accept) 46131 4 Mex. Dully Amount (open) Max. Dally Amount (once) Max Dally Armount (code) 83 No. of Days On-alsa (days) No. of Days On-elle (days) Inventory From January 1 to December 31, 19 93 7/28/04 Owner/Operator Name Emergency Contact Mark Adolay Name John McBeath (317)736-7111, 3 Meil Address (317 )736-7111, ext. 2801 24 H. Phone (317 ) 736-7111 ž Arvin Industries, Inc. 1531 13th Street, Columbus, Container Type Pressure Temperature 4 Chook I Intermeter balan is binetical to the binemakes sufficient balance. Storage Codes and Locations (Non-Confidential) ~H-5 H-5 Sarage Locations 2802 Optional American X I have attached a she plan
I have attached a list of excoordinate abbreviations 24 Hr. Phone (317 ) 736-7111 I have attached a descript Page 1 of 2 pages Form Approved OMB No. 2050-0072 manager, Human Re THASSE. TN 47201 Mgr., 379-30 Humai

Optional

Optional





maled 95 2/24/95

February 24, 1995

Indiana Emergency Response Commission Attn: Section 304 (c) Reporting P.O. Box 7024 Indianapolis, IN 46207-7024

To Whom It May Concern:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2802.

Sincerely,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Franklin Fire Department

Johnson County Emergency Management

Lew DeWitt Liston Hinson



February 24, 1995

Johnson Co. LEPC
Attn: Robert Smith, Chair
Johnson County Emergency Management
1111 Hospital Road
P.O. Box 171
Franklin, IN 46131

Dear Mr. Smith:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2802.

Sincerely,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Indiana Emergency Response Commission

Franklin Fire Department

Lew DeWitt Liston Hinson



February 24, 1995

Franklin Fire Department Attn: Jack Matthews 1701 N. Main Street Franklin, IN 46131

Dear Mr. Matthews:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2802.

Sincerely,

Assistant Manager, Human Resources

cc: Indiana Emergency Response Commission Johnson County Emergency Management

Lew DeWitt Liston Hinson

# INDIANA EMERGENCY RESPONSE COMMISSION

## SARA TITLE III FACILITY INFORMATION SHEET



FEE CODE: A

ARVIN NORTH AMERICAN AUTOMOTIVE

## - INSTRUCTIONS -

- 1. This form must be returned regardless of your filing status.
- 2. If your facility operated at any time during 1994 and your facility is in category A, B or C, you must complete this form and the Tier Two forms and return them together to the address below. (See the Indiana Tier Two Reporting Instructions for an explanation of fee categories.)
- 3. If you are in category E, please return this form with the Tier Two Form, but do not pay a fee.

/ 03661

completed Tier Two forms	FOR DATABASE ACCURACY, PLEASE INDICATE YOUR CURRENT FEE CATEGORY CODE (A,B,C, or E):  IF ANYTHING ON YOUR PEEL-OFF LAE FACILITY NAME:  STREET ADDRESS (No P.O. Boxes, ple	BEL IS INCORRECT, PLEASE MA	H HURRICANE FRANKLIN JOHNSON H HURRICANE ST IN 46131  KE CORRECTIONS HERE:
gL		u00).	<b></b>
	از) ا	STATE:	ZIP CODE:
your	COUNTY:		
mail with	IF THE FACILITY HAS CLOSED, ENTER	THE DATE ON WHICH OPERATION	***************************************
and			(month, day, year)
Detach	IF THE FACILITY WAS SOLD IN 1993 AN AND MAILING ADDRESS OF THE NEW (	D YOU WILL NOT NEED TO FILE DWNER:	IN 1995,PLEASE GIVE US THE NAME
<u> </u>	NAME:		
1	STREET ADDRESS (No P.O. Boxes, plea	ise):	· · · · · · · · · · · · · · · · · · ·
	CITY:	STATE:	ZIP CODE:

Please mail this completed form with your other necessary forms from this package to:

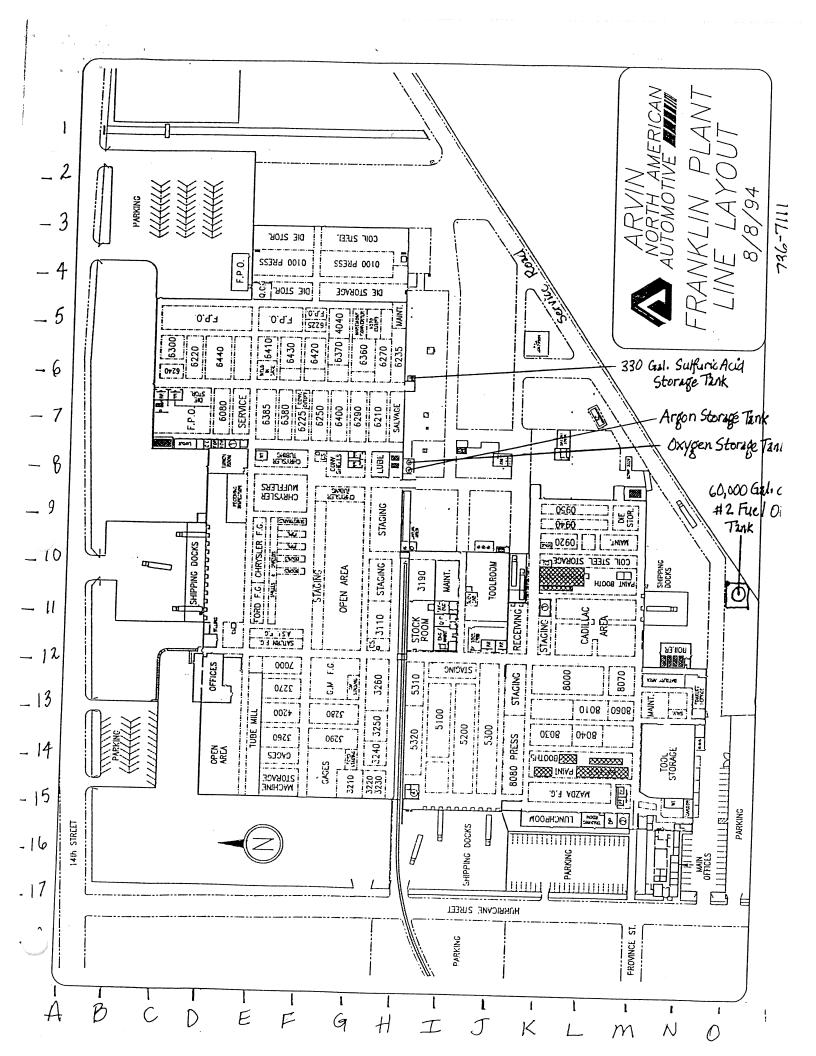
Indiana Emergency Response Commission ATTN: SARA Title III Reporting 100 N. Senate Avenue P.O. Box 7024 Indianapolis, IN 46207-7024

Rev. 12/93

State Form 46962 (1-95)

THE ASST. MGR. HUMAN RE 812 3,79-300 **tanob**dQ .. No. 2050-0072 ° 24 Hr. Phone (317) 736-7111 24 Hr. Phone (317 ) 736-711] THE MGR, HUMAN RES Storage Codes and Locations I have attached a description of dikes and other safeguard measures 4720 Check I Warmaton baton is benton to its intermaton I have attached a list of site coordinate abbreviations I have attached a site plan Form Approved (Non-Confidential Optional Attachmenta Storage Locations 13TH STREET COLUMBUS. Emergency, Conlact Phone (317 ) 736-7111, ext 2802 2801 9 H 4-8 ARVIN INDUSTRIES, ext 3 Preserve Farthweire Phone (317 ) 736-7111, Date signed Owner/Operator Name NAMES JOHN MCBEATH Containser Type From January 1 to December 31, 19 94 Name LEW DEWITT Mai Addess 1531 NAM. No. of Days On-eife (days) No. of Days Off-elfe (days) No. of Days On-elfe (days) and that besed nventory 3 Avg. Dally Amount (code) Avg. Dally Amount (code) Max. Dally Amount (code) Max. Dally Amount (code) Max. Dally Amount (code) Avg. Dally Amount (code) Zp 46131 Dun & Dind O O - 6 4 1 - 4 7 8 3 6 5 6 5 locatify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through on my inquiry of those individuals responsible for obtaining the information, I befeve that the submitted information is true, appurate, 3 6 4 7 4 From Mailing Label ID#03661 Reporting Period 0 Z Physical and Health Sudden Release of Pressure immediate (soute) Delayed (chronlo) Delayed (chronlo) Sudden Release of Preseure Immediate (acute) thest at the spot Immediate (acute) Hazards Delayed (chronic) Sudden Release NAME ARVIN NORTH AMERICAN AUTOMOTIVE Reactivity Reactivity ASST. MANAGER, HUMAN RESOURCES State Reactivity 2 툰 County JOHNSON X Important: Read all instructions before completing form SIION 1001 N HURRICANE STREET Name and official it is of owner/operator OR owner/operator's authorized representative EES Secret Secret Secret Corillication (Read and sign after completing all sections) × å Facility Identification ⊠ઢૈ Date Received Chemical Description 4 6 7 SIC Code 3 7 1 K B M B × 9 3 0 4 SULFURIC ACID Ch, FRANKLIN 3 7 7 9 0 7 æ OXYGEN ARGON 4 4 6 omber 1990 7 6 JOHN MCBEATH, × M § X S **Fier Two** EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY Chem. Name cas 0 0 Сһет. Мате Сһет. Лате Specific Information by Chemical EHS Name CAS 0 EHS Name EHS Name 0 that apprily: Chack all that appoly: Check all that appily: Rovise CAS

THE ASST. MGR. HIMAN HES. 379-3000 tenodogo .o. 2050-0072 1736-7111 24 Hr. Phone (317 ) 736-711 THE MGR. HUMAN RES Storage Codes and Locations 47201 Check if Homeston bakes is Hendeal to the Information subtrafted had your I have attached a description of dikes and other safeguard meas I have attached a ske plan I have attached a list of ske coordinate abbreviations Page 2 Form Approved C. Phone IN ... 24 Hr. Phone 317 (Non-Confidential) Optional Attachmenta Storage Locations COLUMBUS, Phone (317 )736-7111, ext 2802 Phone (317 )736-7111, ext 2801 Emergency Contact ARVIN INDUSTRIES, 1531 13TH STREET, 1 0 Owner/Operator Name exhibecore 4 NAME LIOHN MCREATH vertistno? For T From January 1 to December 31, 19 94 Nems LEW DEWITT Name . Mail Address No. of Days. No. of Days On-eite (days) 3 6 5 No. of Days. and that based nventory 5 Avg. Dally Amount (code) Max. Dally Amount (code) Max. Dally Amount (code) Avg. Dally Amount (code) Avg. Dally Amount (code) Max, Dally Amount (code) Loerly under penalty of law that I have personally examined and an familiar with the information submitted in pages one through 2 on my inquiry of those individuals responsible for obtaining the information, I befere that the submitted information is true, accounting and pages one through 2. Zp 46131 Dun & Brad 0 0 - 6 4 1 - 4 7 8 ID#03661 From Mailing Label Reporting Period Physical and Health Hazards State IN Sudden Release of Pressure Delayed (chronlo) Immediate (soute) (check at the apply) Sudden Release of Pressure Immediate (acute) Delayed (chronic) Sudden Release of Pressure immediate (acute) Delayed (chronic) ARVIN NORTH AMERICAN AUTOMOTIVE ASST. MANAGER, HUMAN RESOURCES Reactivity **Reactivity Reactivity** Important: Read all instructions before completing form County JOHNSON 1001 N HURRICANE STREET FRANKLIN Name and official life of owner/operator OR owner/operator's authorized representative Corillication (Read and sign after completing all sections) Secret Trade Trade 3 ð Facility Identification Chemical Description Date Received 2 SIC Code 3 7 1 3 0 0 Chem. Name <u>FUEL OIL #2</u> 7 6 Name Street Ç mber 1990 8 Tier Two EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY cas 0 6 Сһөт. Nате Chem. Name Specific Information by Chemical EHS Name EHS Name EHS Name Check all Revised Check all that apprily: CAS CAS





Mailed 2/28/96 reporting year 1995

February 28, 1996

Indiana Emergency Response Commission Attn: Section 304 (c) Reporting P.O. Box 7024 Indianapolis, IN 46207-7024

To Whom It May Concern:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2802.

Sincerely,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Franklin Fire Department
Johnson County Emergency Management
Dan Boucher
Lew DeWitt
Liston Hinson



February 28, 1996

Johnson County LEPC
Attn: Robert Smith, Chair
Johnson County Emergency Management
1111 Hospital Road
P.O. Box 171
Franklin, IN 46131

Dear Mr. Smith:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111. ext. 2802.

Sincerely,

John McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Indiana Emergency Response Commission

Franklin Fire Department

Dan Boucher Lew DeWitt Liston Hinson



February 28, 1996

Franklin Fire Department Attn: Jack Matthews 1701 N. Main Street Franklin, IN 46131

Dear Mr. Matthews:

In compliance with SARA Section 312, I have enclosed a Tier Two Report for the Arvin North American Automotive, Franklin Plant.

Along with the report, I have also included a site plan indicating the location of the storage tanks.

If you need further information, please contact me at (317) 736-7111, ext. 2802.

Sincerely,

∮¢hn McBeath

Assistant Manager, Human Resources

Franklin Plant

cc: Indiana Emergency Response Commission Johnson County Emergency Management

Dan Boucher Lew DeWitt Liston Hinson

# INDIANA EMERGENCY RESPONSE COMMISSION

# SARA TITLE III FACILITY INFORMATION SHEET



## - INSTRUCTIONS -

- 1. This form must be returned regardless of your filing status.
- 2. If your facility operated at any time during 1994 and your facility is in category A, B or C, you must complete this form and the Tier Two forms and return them together to the address below. (See the Indiana Tier Two Reporting Instructions for an explanation of fee categories.)

FOR DATABASE ACCURACY, PLEASE INDICATE YOUR CURRENT FEE CATEGORY CODE (A,B,C, or E):	(03661 FEE ARVIN NORTH AMERICAN 1001 NORTH HURRICAN 1001 NORTH HURRICAN FRANKLIN	E FRANKLIN JOHNSON
IF ANYTHING ON YOUR PEEL-OFF LABEL	IS INCORRECT, PLEASE MAKE CORRECTIO	NS HEDE:
FACILITY NAME:	, = 112 2011120110	NOTICAL.
STREET ADDRESS (No P.O. Boxes, please	<b>):</b>	
CITY:	STATE: ZI	P CODE:
COUNTY:		·
F THE FACILITY HAS CLOSED, ENTER THE	E DATE ON WHICH OPERATIONS CEASED:	

NAME:

STREET ADDRESS (No P.O. Boxes, please):

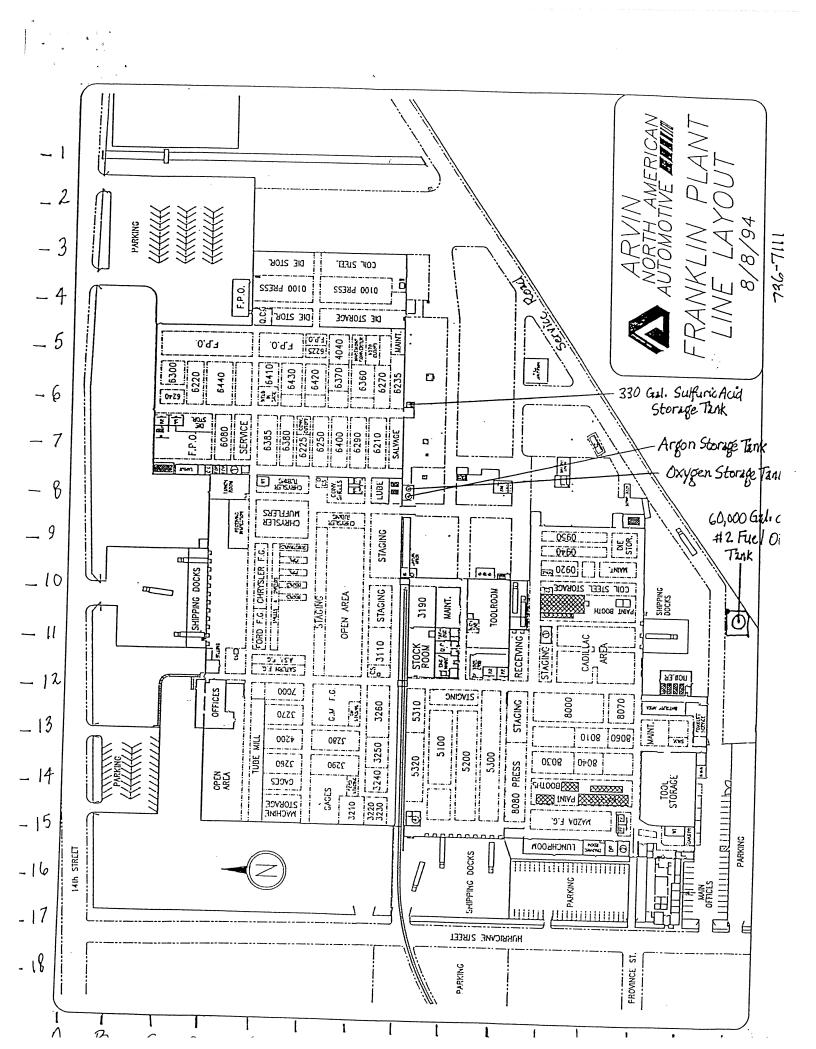
with your completed lier I wo torms

CITY: STATE: ZIP CODE:

Please mail this completed form with your other necessary forms from this package to:

Indiana Emergency Response Commission ATTN: SARA Title III Reporting 100 N. Senate Avenue P.O. Box 7024 Indianapolis, IN 46207-7024

Rev. 12/93 - - - -



Revised June 1990

Certification (Read an I series under penalty of law that I on my inquiry of those individuals in JOHN MCBEATH	CAS 0 0 7 7 Chem. Name 0X	CAS 0 0 7 Chem. Name AR Check all X Pure EHS Name	CAS 0 0 7 6 Chem. Name SUL.	Important: Re	Specific Information by Chemical	Tier Two EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY
have personally examine exponsible for obtaining the ASST. MGR,	OXYGEN  OXYGEN  Mix Sold Lquid Gas E	ARGON  ARGON  Min Solid Liquid Gas E	7 6 6 4 9 3 9 Fords SULFURIC ACID  X X X X X X X X X X X X X X X X X X	Important: Read all instructions before completing form Chemical Description	FOR ID # OFFICIAL ID # USE ONLY Date Received	Facility identification  Name ARVIN NORTH AMER Street 1001 N HURRICANE City FRANKLIN County  SIC Code 3 7 1 4
Agail sections)  I and am lamitar with the information submitted in pages on he information, I believe that the submitted information is to HUMAN RESOURCES	X Fire X Sudden Release G Pressure Reactivity Immediate (acute) EHS Delayed (chronic)	Sudden Release  X Sudden Release  X of Pressure  Reactivity  X Immediate (acute)  EHS  Delayed (chronic)	X Five Sudden Release of Pressure Reactivity X Immediate (acute) EHS Delayed (chronic)			ICAN AUTOMOTIVE STREET  JOHNSON SIA IN
ne through 2 and that based with a second and amplify of the second and amplify of the second and the second an	0 4 Max Daily 0 4 Arg Daily 0 4 Arg Daily 0 14 Arg Daily 0 16 Of Days 3 6 5 No. of Days 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	04 Mar. Delly 04 Amount (code) 04 Avg. Dany Amount (code) 365 No. 01 Days 365 On-elle (days)	Max. Daily Amount (bods)  Avg. Daily Amount (bods)  3 6 5 No. of Days  3 6 5 Christia (days)	Period From January 1 to December 31	Phone Phone	03661 z <sub>r</sub> 46131
the olaplace	A 2 7 H-8	A 2 7 H-8	A I	oritainer rpe  strperature strsure	) 736-7111, ext	X <b>⊙</b> X . X≖X
Opdomal Attachmane  X I have attached a ste plan I have attached a list of site coordinate abbreviations			Starage Locations	Codes and Loca on-Confidential)	11 ASST. MGR (317 ) 736.  12801	Form Approved OMB No. 2050-0072  5, INC. 812 379-3  C, COLUMBUS, IN 6000 4/201
				co Sinonasi	MGR, HUMAN RE ,736-7111  UMAN RES.	2 379-3000 51

Name and official lifte of owner/operator OR owner/operator's authorized Lardy under penalty of law that I have perronally examined and am familiar with the information submitted in pages one through \_\_\_\_\_, and the on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is the account examples and the control of th Certification (Read and sign after completing all sections) Check all that apply: CAS Check all HAZARDOUS CHEMICAL INVENTORY Revised June 1990 Chem. Name EHS Name Specific Information EHS Name Chem. Name CAS EHS Name Check all that apply: CAS by Chemical Chem. Name EMERGENCY AND Tier Two OHN MCBEATH, Important: Read all instructions before completing form 0 Chemical Description 6 P  $\infty$ FUEL OIL Street Name S Facility Identification × 7 6 SIC Code ASST. OFFICIAL ONLY FRANKLIN 1001 N HURRICANE STREET ARVIN NORTH AMERICAN AUTOMOTIVE #2  $\omega$ 3 7 MANAGER, Date Received 0 ō Almoo P 6 HUMAN RESOURCES Secret 6 Secret Secret Becret Dun & Brad O JOHNSON £3 Physical and Health × Fib 0-Readivity F Away as the work Hazards Delayed (chronic) Immediate (acute) Sudden Release of Pressure Delayed (chronic) Immediate (acute) **Reactivity** Sudden Release of Pressure FIN Immediate (acute) Sudden Release of Pressure Delayed (chronic) Readivity State 6 4 1 - 4 7 8 3 Reporting Period IN ğ 46131 5 5 6 Avg. Daily Amount (oods) Avg. Dally Amount (code) Max. Dally Amount (code) Max. Daily Amount (code) Max Dally Amount (code) G Avg. Dally Amount (code) Inventory From January 1 to December 31, 1995 No. of Days On-elfe (days) No. of Days Drivate (days) No. of Days On-alla (days) Owner/Operator Name Phone . Phone (317) 736-7111, ext 2801 Emergency Contact Name LEW DEWITT Name JOHN MCBEATH Mail Address 617 ) 736-7111, Name 1531 13TH STREET, ARVIN INDUSTRIES, A Container Type Temperature Pressure Check if information below is identical to the information submitted test year. Storage Codes and Locations (Non-Confidential) ext 2802 0 - 11Storage Locations COLUMBUS INC Optional Attachmante 24 Hr. Phone ( 317) 736-711 I have attached a ske plan
I have attached a list of ske
coordinate abbreviations 24 Hr. Phone (317 ) 736-711 Page 2 of 2 pages Form Approved OMB No. 2050-0072 7 mMGR, NI ASST 4720 HUMAN RES 812 MGR 379-300 NAMIH Optional

RES.



Mailed 2-18-98

February 18, 1998

Johnson County Emergency Management Attn: Rodney Johnson Johnson County LEPC 1111 Hospital Road P.O. Box 171 Franklin, Indiana 46131

To Whom It May Concern;

In compliance with section 312 of Title III of SARA, we have enclosed copies of the Material Safety Data Sheets (MSDS) of the listed Hazardous Chemicals that were reported on our submission of the Tier II reports mailed on February 13, 1998. These three (3) MSDS's are the listed chemicals reported in the tier II report as being over the reportable threshold limits.

We are sorry these were emitted from the original submission package and any inconvenience this may have caused. If you have any questions, please don't hesitate to call me at (317) 346-2851

Sincerely

Dan Boucher

Safety/Environmental Coordinator

Arvin Exhaust

Franklin Facility

cc: Indiana Emergency Response Commission

Bul

Franklin Fire Department

Robert Elliott

Liston Hinson

Deb Chelf

Ted Wells



February 18, 1998

Indiana Emergency Response Commission Attn: Section 304 (c) Reporting P.O. Box 7024 Indianapolis, Indiana 46207-7024

To Whom It May Concern;

In compliance with section 312 of Title III of SARA, we have enclosed copies of the Material Safety Data Sheets (MSDS) of the listed Hazardous Chemicals that were reported on our submission of the Tier II reports mailed on February 13, 1998. These three (3) MSDS's are the listed chemicals reported in the tier II report as being over the reportable threshold limits.

We are sorry these were emitted from the original submission package and any inconvenience this may have caused. If you have any questions, please don't hesitate to call me at (317) 346-2851

Sincerely

Dan Boucher

Safety/Environmental Coordinator

Arvin Exhaust

Franklin Facility

cc:

Franklin Fire Department

Johnson County Emergency Management

Robert Elliott

Liston Hinson

Deb Chelf

Ted Wells



February 18, 1998

Franklin Fire Department Attn: Mr. Jack Matthews 1701 North Main Street Franklin, Indiana 46131

To: Mr. Jack Matthews;

In compliance with section 312 of Title III of SARA, we have enclosed copies of the Material Safety Data Sheets (MSDS) of the listed Hazardous Chemicals that were reported on our submission of the Tier II reports mailed on February 13, 1998. . three (3) MSDS's are the listed chemicals reported in the tier II report as being over the reportable threshold limits.

We are sorry these were emitted from the original submission package and any inconvenience this may have caused. If you have any questions, please don't hesitate to call me at (317) 346-2851

Sincerely

Dan Boucher

Safety/Environmental Coordinator

Arvin Exhaust

Franklin Facility

CC:

Indiana Emergency Response Commission Johnson County Emergency Management

Robert Elliott

Liston Hinson

Deb Chelf

Ted Wells



Quality Assurance/Technical Service Department





# **Product Information Sheet**

December, 1992

PI NO. 88

Replaces Number

# Heat Content of Burner and Diesel Fuels

The "heat content" or Heat of Combustion of distillate fuels is directly related to the API Gravity and is influenced by sulfur content. Although heat of combustion can be determined experimentally, usually it is calculated.

Gross heat of combustion is the more commonly used. It is the heat released by the combustion of the fuel with all of the water formed condensed to a liquid state. Net heat of combustion is the heat released by combustion of the fuel with the water remaining in the vapor state.

The calculated values in this table may differ from determined values by up to 61 Btu's per pound.

# Calculated\* Heat of Combustion

Gravity, <u>^API</u>	Density @ 60 Lb/Gal	Heat of C	Combustion, Blu's/Gallon
05		- 441	Gross
<b>25</b>	7.547	135,384	140.400
<b>2</b> 6	7.499	134,796	143,499
27	1.452	134,215	142.942
28	7.405	133,640	142,392
29	7.359	133,072	141,848
30	7.313	132,511	141,310
31	7.268	131,956	140,778
32	7.224	131,407	140,252
33	7.180	130,864	139,732
34	7.137	130,327	139,218
35 30	7.094	129,797	138,709
36	7.051	129,272	138,206
37	7.009	128,752	137,709
38	6.968	128,239	137,217
39	6.927	127,731	136,730
40	6.887	127,288	136,249
41	6.847	126,731	135,772
42	6.807	126,238	135,301
43	6.768	125,751	134,834
44	6.730	125,269	134,372
45	6.692	124,792	133,915
46	6.654	124,320	133,463
47	6.617	123,853	133,015
48	6.580	123,390	132,572
49	6,543	122,932	132,134
50	6.507	122,479	131,699
51	6.472	122,030	131,269
52	6.437	121,585	130,843
53	6.402	121,145	130,422
54	6.367	120,709	130,004
55	6.333	<del>-</del>	129,591
	- <del>-</del>	120,277	129,181

<sup>\*</sup>Assuming 0.25 wt% sulfur. Fuels of higher sulfur content can be adjusted down by 5 Btu's per 0.01% sulfur, and fuels of lower sulfur content can be adjusted upward by the same factor. Linear interpolation can be used within the range of this table.





Supply Source: Mandan Refinery Sugar Crock

Whiting Refinery

### Amoco Petroleum Products

Product	Manufactured A	Whiting	Product Avail y to Miawrat	Sugar Cre	By TT, TC, and Pipe ek-By TT, TC, Pipe ly TT, TC, Pipeline,	line, and Mailine	
TEST ME	THOO	CENED CET	**************************************				
Visual	INQU	GENERAL SPECIF	CATION	NOTES	LIMIT		
O624		Appendince	. = =	(3)	Clear and brig	in al 70° ar or shipp	ing much terminated
	•	Carbon Residue on	10% Bime., Ramsbottom		NM1 0.25%		B. imin imitherati
ACM 22.0 D976	λ,	Causic, Froe: Man	4311. Whiting		Pass		
Visual		Celane Index Color		(p)(ii)	NI T 40		
D1800		• •		ø	Dyed		
D130		Color, ASTM, Belon	a Adding Dye		NOT 2.5		
D86		Corrosion, Cu Strip,	3 H/B. 6( 122°F		NDT 16		
000		Distribution:			Mandan	Whiting	
			10% Recovery, *F		347-450	Report	
			90% Recovery, °F		NMT 630	540-640	
			95% Recovery, °F		NLT 464	None	
	_		End Point, 4F		NMT 875	NMT 690	
ACM 15.07		Fillerability Index		•	NMT 5 0	THUS OF	
D65 or C0	3	Flash, TCC or P-M			NLT 125'F		
D287		Gravity			NLT 30° API		
D974		Neutralization No. (V	Vhiting only		NMT 0,30 mg k	OM	
ACM 15.18	•	Stability:	Agod Sediment plus Color		NMT 4,5	ros nβtΩ	.•
		•	Aged Color, ASTM		NDT 3		
			Aged Sediment			A ===1	
ACM 15.11	7	Stability:	Naloo Pad		NMT 2.0 mg/10 NMT 7	V HH	
01662, D1	29, D2622	Schur, Tolal:	Manden, Sugar Crook, White	ino	NMT 0.5 WK		
		Shipments to Minous		"" <b>"</b>			
	•	Shipments to Wayne	Co. (Metra Delimit)		NMT 0.30 W% NMT 0.30 W%		
3227		Sulfur, Merosptan	- Commenter			8 1 /A I.	
-			•		NMT 100 ppm (	BWN;	
2709		Water and Sediment			NAT 0.05%	3 AALI .	
65T MET 7624 2500	ноо	Far Month Received	CATIONS—MANDAN AREA I Al Terminais: Mendan, I ad, Twin Cities, Superior	<b>NOTE</b> S (c)	SUMMER APR-SEP NLT 100 CU NMT +15°F	WINTER OCT-MAIR MLI 150 CU	
<b>e</b> 7		Specification Pour. D	ROCONSON or biological			NOV16 FEH MAR	NMT +10°F NMT +10°F NMT +10°F
445	47	Viscosity, as @ 100°F			NMT -10"F 2.0-3,6	NMT -30°F 1.8-3.6	
		GBAGONAL BPECIFI	CATIONS-WHITING AREA		·		
		For Month Received	at Terminals: Whiting Wh.	eukee,			
		Muskayon, Traverse	CHY Green Ray Sugar Cree				
		Spring velley, all ten	MINAIS OF ROUGE Indianand	ls.	SUMMER	WINTER	
EST METH	100	Signx Leus' suq Dri	buque Pipelines	NOTES	APRICEP	OCT-MAR	•
2624	•	Canductivity	•	(a)(d)	NLT 100 CU		
2500		Cloud		(-)(-)	NMT +15"F	NLT 150 CU	
37	;	Specification Pour, De	presend or Natural	(e)	NMT O'F	NMT - 8°F	
148	· ·	Viscosity, cs @ 100°F		(~)	2.0-3.8	NMT -20'F 1.8-3.6	
TEA:	Invitate to a		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			1.573.8	
A A	lessurement et re	oom temperature rathe	the accompanied by information, 23123, PCC 216) is the same of than 70°F is adequate. Additionally in the companies of the co	n on haze point of wate see Amooc No. 2 Fuel tive may be omitted if p	r content, Oil, HS Off-Ra exce reduct is being abler	Pl there is no cetane	specification.
•		Den FAR T 376 /*//					-0 481101411 <b>2</b> 10
5	Pring Valley and	Green Bevadeter and	E NUT SOUT ALE				
8	POS Pege Nu	mber 2585 for dye rec	is NNT SOFF, Sufficient Pour	r Depressant will be ad-	dealinjected to reduc	a podr.	
<b>~</b>	······································	AY WEN DO BY IOM AN	UHament.  6. Improver must be edded to	bring the selene numb	ei (12813) up ta Ni,7	40.0	
NERAL N							
		comply with state lega	l requiremants; see state legal		-		
AND NUM		BRAND NAME			_		
40			4.4.	~	PCC		
42		AMOCO No. 2 PIA AMOPUEL No. 2 (	r dil, ne on rd Dil, ne on rd		212		
			·		212		
elbert = =	va: Decamber of						
and in this	Issue: Manden	Mining Claus		Tale of our investigation		The same of the sa	
ribution De lead in this ed by Qual	Issue: Manden	Winter Cloud Chnical Service Depar		Tale of previous leave:	October 1994		





An explanation of the terms used herein may be found in OSHA 29 CFR 1910.1200, available from OSHA regional or area offices. (Essentially similar to U.S. Department of Labor Form OSHA-20 and generally accepted in Canada for information purposes) Do Not Duplicate This Form. Request an Original



		- PRODUCTIDENTIFICATION	N	
PRODUCT	Oxygen	TO THE PROPERTY OF THE PROPERT	<b>Y</b>	
CHEMICAL NAME	Oxygen	SYNONYMS	Not applicable	-
FORMULA	O <sub>2</sub>	CHEMICAL FAMILY	Not applicable	-
TDADE MALE	_	MOLECULAR WEIGHT	32.00	
TRADE NAME	Oxygen			

Oxygen

## II. HAZARDOUS INGREDIENTS

For mixtures of this product request the respective component Material Safety Data Sheets. See Section IX.

MATERIAL (CAS NO.)	Wt (%)	1984-1985 ACGIH TLV-TWA (OSHA-PEL)
Oxygen (7782-44-7)	100	None currently established (None currently established

	III. PHYS	SICAL DATA	
	– 183°C ( – 297.4°F)	FREEZING POINT	-218.4°C (-361.1°F)
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	Gas	VAPOR PRESSURE AT 20°C.	Gas
VAPOR DENSITY (air = 1)	1.105 @ 25°C	SOLUBILITY IN WATER, % by wt.	Negligible
PERCENT VOLATILES BY VOLUME	100	EVAPORATION RATE (Butyl Acetate = 1)	Not applicable
APPEARANCE AND ODOR Color	less, odorless gas at norma	I temperature and pressure	pp.iodbic

APPEARANCE AND ODOR Colorless, odorless gas at normal temperature and pressure.

# **EMERGENCY PHONE NUMBER**

IN CASE OF EMERGENCIES involving this material, further information is available at all times: In the USA 1-800-UCC-HELP (1-800-822-4357) In Canada 514 — 640-6400

For routine information contact your local supplier

Union Carbide requests the users of this product to study this Material Safety Data Sheet (MSDS) and become aware of product hazards and safety information. To promote safe use of this product a user should (1) notify its employees, agents and contractors of the information on this MSDS and any product hazards and safety information, (2) furnish this same information to each of its customers for the product, and (3) request such customers to notify their employees and customers for the product of the same product hazards and safety information.

UNION CARBIDE CORPORATION  $\Box$  LINDE DIVISION UNION CARBIDE CANADA LIMITED 🗆 LINDE DIVISION

		VEIREAND	EXPLOSION HAZ	ARDDAY	
FLASH POINT (test method)		pplicable	AUTOIGNIT TEMPERAT	ION	Not applicable
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	Not applicable	e	UPPER	Not applicable

**EXTINGUISHING MEDIA:** Vigorously accelerates combustion. Use media appropriate for surrounding fire. Water (i.e. safety shower) is the preferred extinguishing media for clothing fires.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate all personnel from danger area. Immediately cool containers with water spray from maximum distance until cool, then move containers away from fire area if without risk.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxidizing agent, vigorously accelerates combustion. Contact with flammable materials may cause fire or explosion. Container may rupture due to heat of fire. No part of a container should be subjected to a temperature higher than 52°C (approximately 125°F). Most containers are provided with a pressure relief device designed to vent contents when they are exposed to elevated temperature. Smoking, flames and electric sparks in the presence of enriched oxygen atmospheres are potential explosion hazards.

## VI. REACTIVITY DATA

STABIL	ITY	CONDITIONS TO AVOID: See Section IX.
UNSTABLE	STABLE	
	Х	

INCOMPATIBILITY (materials to avoid): Combustible materials, asphalt, flammable materials, especially oils and greases.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS	POLYMERIZATION	CONDITIONS TO AVOID: None currently known.
May Occur	Will not Occur	The same same will be a same same same same same same same s
	Х	

## VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Shut off leak if without risk. Ventilate area of leak or move leaking container to well-ventilated area. Remove all flammable materials from vicinity. Oxygen must never be permitted to strike an oily surface, greasy clothes, or other combustible material.

WASTE DISPOSAL METHOD: Slowly release into atmosphere, in an open, outdoors area. Remove all flammable materials from vicinity.

# MATERIAL SAFETY DATA SHEET



An explanation of the terms used herein may be found in OSHA 29 CFR 1910.1200, available from OSHA regional or area offices.

(Essentially similar to U.S. Department of Labor Form OSHA-20 and generally accepted in Canada for information purposes) Do Not Duplicate This Form. Request an Original.



I. PRODUCT IDENTIFICATION					
PRODUCT	Argon				
CHEMICAL NAME	Argon	SYNONYMS	Shielding Gas, Argon-40		
FORMULA	Ar	CHEMICAL FAMILY	(Rare Gas) Noble Gas		
TRADE NAME	Argon (This product is	MOLECULAR WEIGHT	39.948		

TRADE NAME Argon (This product is usually intended for electric welding use.)

## II. HAZARDOUS INGREDIENTS

This section covers the materials from which this product is manufactured. The fumes and gases produced during cutting with the normal use of this product are covered by Section VI. The term "hazardous" in "Hazardous Materials" should be interpreted as a term required and defined in OSHA 29 CFR 1910.1200 and does not necessarily imply the existence of any hazard.

MATERIAL (CAS NO.)	Vol (%)	1986-1987 ACGIH TL	V-TWA (OSHA-PEL)
Argon (7440-37-1)	100	Simple asphyxiant	(None currently established)
·			

	III. PHY	SICAL DATA	
BOILING POINT, 760 mm. Hg	- 185.9°C (-302.6°F)	FREEZING POINT	- 189.2°C (-308.6°F)
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	Gas	VAPOR PRESSURE AT 20°C.	Gas
VAPOR DENSITY (air = 1)	1.378 @ 21.2°C (70°F)	SOLUBILITY IN WATER, % by wt.	Negligible
PERCENT VOLATILES BY VOLUME	100	EVAPORATION RATE (Butyl Acetate = 1)	Not Applicable
APPEARANCE AND ODOR Colo	rless, odorless gas at norma	temperature and process	FF

APPEARANCE AND ODOR Colorless, odorless gas at normal temperature and pressure.

## **EMERGENCY PHONE NUMBER**

IN CASE OF EMERGENCIES involving this material, further information is available at all times: In the USA 1-800-UCC-HELP (1-800-822-4357) In Canada 514-640-6400

For routine information contact your local supplier

Union Carbide requests the users of this product to study this Material Safety Data Sheet (MSDS) and become aware of product hazards and safety information. To promote safe use of this product a user should (1) notify its employees, agents and contractors of the information on this MSDS and any product hazards and safety information, (2) furnish this same information to each of its customers for the product, and (3) request such customers to notify their employees and customers for the product of the same product

> UNION CARBIDE INDUSTRIAL GASES INC. LINDE DIVISION



Argon

L-4563-C Dec: 1986

\$		V. FIRE AND	EXPLOSION HA	ZARD DAT	· ·
FLASH POINT (test method)		pplicable	AUTOIGNI TEMPERA	TION	Not Applicable
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	Not Applicable		UPPER	Not Applicable
EXTINGUISHING MEDI	A			<u> </u>	

Argon cannot catch fire. Use media appropriate for surrounding fire.

## SPECIAL FIRE FIGHTING PROCEDURES

Evacuate all personnel from danger area. Immediately cool cylinders with water spray from maximum distance until cool then move containers away from fire area if without risk. Shut off leak if without risk.

Arcs and sparks can ignite combustibles. Refer to American National Standard Z49.1 "Safety in Welding and Cutting" for fire prevention information during the use of welding and allied procedures.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Argon cannot catch fire. Container may rupture due to heat of fire. No part of a container should be subjected to a temperature higher than 52°C (approximately 125°F). Most containers are provided with a pressure relief device designed to vent contents when they are exposed to elevated temperature.

# STABILITY CONDITIONS TO AVOID WINSTABLE STABLE X CONDITIONS TO AVOID High pressure gas. Close valve when not in use and when empty. Use with equipment rated to adequately withstand pressures to be encountered. Do not strike arc on cylinder. Do not ground cylinder. See Section IX.

## INCOMPATIBILITY (materials to avoid)

None currently known. Argon is chemically inert.

## HAZARDOUS DECOMPOSITION PRODUCTS

Ozone and Nitrogen Oxides may be formed by the radiation from the arc. See Section IV. Other decomposition products of normal operation originate from the volatilization, reaction or oxidation of the material being worked.

	HAZARDOUS F	POLYMERIZATION	CONDITIONS TO AVOID	-
-	May Occur	Will not Occur		None currently known.
		X	r.	None surroundy known.

## VII. SPILL OR LEAK PROCEDURES

# STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Argon is an asphyxiant. Evacuate all personnel from danger area. Use self contained breathing apparatus where needed. Shut off cylinder if without risk. Ventilate area of leak or move cylinder to well ventilated area. Test area, especially confined areas, for sufficient oxygen content prior to permitting re-entry of personnel.

WASTE DISPOSAL METHOD: Slowly release into atmosphere. Discard any product, residue, disposable container or liner in an environmentally acceptable manner in full compliance with Federal, State and local regulations.



mailed 2-15.99

February 15, 1999

Johnson County Emergency Management Attn: Lou Remshaw Johnson County LEPC 1111 Hospital Road P.O. Box 171 Franklin, Indiana 46131

To Whom It May Concern:

In Compliance with SARA section 312, we have enclosed our Tier II reports for the 1998 calendar year for Arvin Exhaust, Franklin Facility.

Along with this report we have included a site plan of this facility indicating the storage locations for this material.

If you need any further information, please contact me at (317) 346-2851

Sincerely

Dan Boucher

**Environmental Coordinator** 

Arvin Exhaust

Franklin Facility

Cc: Indiana Emergency Response Commission

Franklin Fire Department

Division Environmental Department



February 15, 1999

Franklin Fire Department Attn: Jack Matthews 1701 North Main St Franklin, Indiana 46131

To Whom It May Concern:

In Compliance with SARA section 312, we have enclosed our Tier II reports for the 1998 calendar year for Arvin Exhaust, Franklin Facility.

Along with this report we have included a site plan of this facility indicating the storage locations for this material.

If you need any further information, please contact me at (317) 346-2851

Sincerely

Dan Boucher

**Environmental Coordinator** 

Arvin Exhaust

Franklin Facility

Cc: Indiana Emergency Response Commission

Johnson County Emergency Management

Division Environmental Department



February 15, 1999

Indiana Emergency Response Commission Attn: Section 304 © Reporting P.O. Box 7024 Indianapolis, Indiana 46207-7024

To Whom It May Concern:

In Compliance with SARA section 312, we have enclosed our Tier II reports for the 1998 calendar year for Arvin Exhaust, Franklin Facility.

Along with this report we have included a site plan of this facility indicating the storage locations for these materials.

If you need any further information, please contact me at (317) 346-2851.

Sincerely

Dan Boucher

**Environmental Coordinator** 

Arvin Exhaust

Franklin Facility

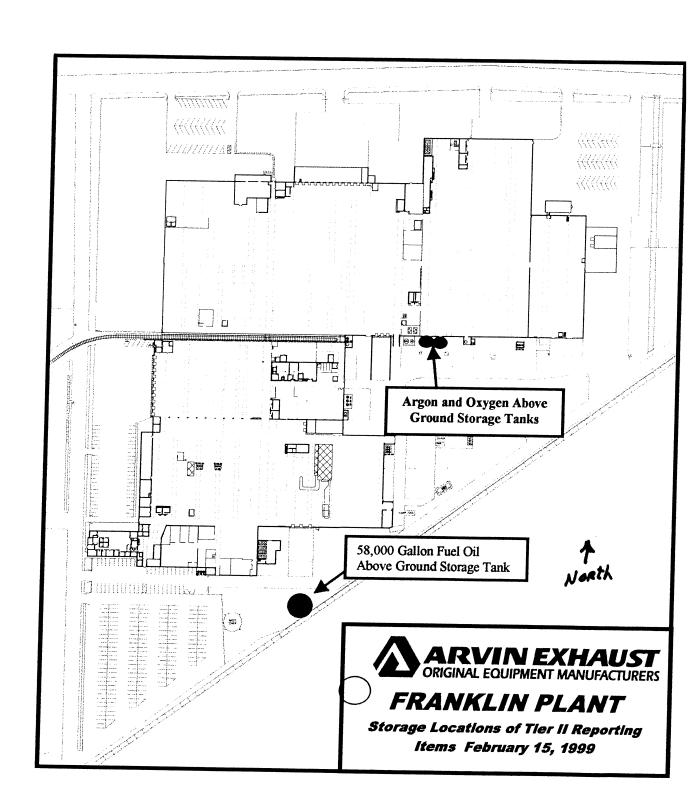
Cc:

Johnson County Emergency Management (LEPC)

Franklin Fire Department

Division Environmental Department

		NONCONFID	NONCONFIDENTIAL LOCATION INFORMATION SHEET	MATION SHEE	T		Page 1 of 1	
Γier II		Facility Identification			Owner/Operator Name		(Mailing Address	
AND	<sub>Name</sub> Arvin Exhaust			Name Arvin ]	Industries	J	hone 812, 379-3000	1
HAZARDOUS	Street Address 1001 North	Hurricane St.		15 Address	31 13th St. Columbus		Ind 47201	
NVENTORY	City Franklin	County Johnson	State Ind Zip 46131	,				ı
Specific	SIC Code: 3714	Dunn & Bradstreet:	00 641 4783	Name Robert	Emergency Contact	y Conta	Contact Till Fac/Envir Manager	
nformation by Chemical	03661			1 1		24-Hr. Phone ( 31 7	736-7	
	Facility ID # OJOOL	(From Mailing Label)		Name Dan Bou	oucher	Title ]	Tide Envir Coord.	
	Date Received			(317)	851	Hr. Phone	$\omega$	
Important: Ri	Important: Read all instructions before completing form.		Reporting Period: From January 1 to December 31, 98	₩ Check	eck if information below is identical to the information submitted last year	al to the i	nformation submitted last year	1
				ıre				ıİ
Cher	Chemical Description	Physical and Health Hazards	Inventory	Container of Pressure Temperatu	Storage Co (Non Stor	ge Codes and Loca (Nonconfidential) Storage Location	ations	Ontiona
cas 007440	1	Fire	04 Max. Daily Amount (Code)	A 2 7				ı
Chem. Name (C	(cryogenic Liq) Secret	X Sudden Release of pressure	Ω4_ Avg. Daily Amount (Code)					
Check all X	X X	Reactivity	365 No. of Days On-site (Days)					
Ά.	Pure Mix Solid Liquid Gas EHS	X Immediate (acute)						
EHS Name		Delayed (chronic)						
$\frac{1007782}{000000000000000000000000000000000000$	44 7	X Fire	04 Max. Daily Amount (Code)	A 2 7				l
Chem. Name cryog	enic lig)	X Sudden Release of pressure	04 Avg. Daily Amount (Code)					
Check all X	X	Reactivity	365 No. of Days On-site (Days)					
y: Pure	Mix Solid Liquid Gas EHS	X Immediate (acute)						ŀ
EHS Name		Delayed (chronic)						l
cas <u>068476</u> #	30 2	X Fire	05 Max. Daily Amount (Code)	A 1 4				
Chem. Name "		Sudden Release of pressure	Avg. Daily Amount (Code)					
Check all X	×	Reactivity	365 No. of Days On-site (Days)					
À	Pure Mix Solid Liquid Gas EHS	Immediate (acute)						
EHS Name		Delayed (chronic)						
Certification Re	Certification Read and sign after completing all sections							l
I certify under pena and that, based on r	I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages 1 through $\perp$ 1 and that, based on my inquiry of those individuals responsible for obtaining the information, I believe the submitted information is tr	ed and am familiar with the information le for obtaining the information, I belie	I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages I through 1 accurate, and complete.	rate, and complete.		×	I have attached a site plan	
Robert E	Robert Elliott Facility/Environmental	ironmental Manager			February 15. 1998		I have attached a list of site coordinate abbreviations	
Name and official t	Name and official title of owner/operator OR authorized representative		Signature				I have attached a description of dikes and other safeguards	
The second named of the se								



	NONCONFIDI	NONCONFIDENTIAL LUCATION MYS CANTAGAROLI OF	1471 A A V A I V A A V A V A V A V A V A V A	
Tier II	Facility Identification		Owner/Operator Name (Mailing	(Mailing Address
AND Name Arvin Exhaus	t		dustries	
ARDOUS MICAL	th Hurricane St.	Ind 46131	Mailing Address 1531 13th St. Columbus, Ind	d 47201
INVENTORY City Frametin		ite Zip	Emergency Contact	
Specific SIC Code: 3/14 Information by	Dunn & Bradstreet:	00 841 4/83	Name Robert Elliott Title Fac. Phone (317) 346-2915 24-Hr. Phone (31)	Title Fac/Envir Manager 24-Hr. Phone (317, 736-7111)
Facility ID # 03661	(From Mailing Label)		Dan Roucher	ir Coord.
Date Received			851 24-Hr.1	)736-7111
Important: Read all instructions before completing form		Reporting Period: From January 1 to December 31, 98	Check if information below is identical to the information submitted last year	nation submitted last year
Chemical Description	Physical and Health Hazards	Inventory	Type  Storage Codes and Locations (Nonconfidential) Storage Location	n i) cations
CAS 007440 37 1	Fire	04 Max. Daily Amount (Code)	A 2 7	
Chem. Name (cryogenic Liq) Secret	X Sudden Release of pressure	04 Avg. Daily Amount (Code)		
ck all	Reactivity	365 No. of Days On-site (Days)		
apply: Pure Mix Solid Liquid Gas EHS	X Immediate (acute)			
EHS Name	Delayed (chronic)			
7	X Fire	04 Max. Daily Amount (Code)	A 2 7	
Chem. Nam(Cryogenic liq) Secret	X Sudden Release of pressure	04 Avg. Daily Amount (Code)		
Check all X X X	Reactivity	365 No. of Days On-site (Days)		
apply: Pure Mix Solid Liquid Gas EHS	X Immediate (acute)			
EHS Name	Delayed (chronic)			
30 2	X Fire	05 Max. Daily Amount (Code)	A 1 4	
Chem. Name # 2 Fuel Oil Secret	Sudden Release of pressure	05 Avg. Daily Amount (Code)		
Check all X X	Reactivity	365 No. of Days On-site (Days)		
apply: Pure Mix Solid Liquid Gas EHS	Immediate (acute)			
EHS Name	Delayed (chronic)			
Certification Read and sign after completing all sections	tions		1	
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages 1 through $\frac{1}{2}$ and that, based on my inquiry of those individuals responsible for obtaining the information, I believe the submitted information is true.	unined and am familiar with the information onsible for obtaining the information, I believersets.	40 L	yourate, and complete.	I have attached a site plan I have attached a list of site coordinate
Robert Elliott Facility/E	Facility/Environmental Manager	Golf. Ellier	February 15, 1998 abbrev	abbreviations
ial title of owner/o		Signature		I have attached a description of dikes and other safeguards



# **EXHAUST SYSTEMS ORIGINAL EQUIPMENT**

Franklin Plant: 1001 Hurricane Ave., Franklin, Indiana 46131 (317) 736-7111

**FEBRUARY 9, 2000** 

Johnson County Emergency Planning Attn: Lew Remshaw Johnson County LEPC 1111 Hospital Road P.O. Box 171 Franklin, Indiana 46131

To Whom It May Concern:

In compliance with SARA section 312, I have enclosed a Tier II report for the Arvin Exhaust, Franklin Facility.

Along with this report, I have also included a site plan indicating the locations of the reported storage area tanks.

If you need further information, please contact me at (317) 346-2842

Sincerely

Jerry Rear

**Environmental Coordinator** 

**Arvin Exhaust** 

Cc: Indiana Emergency Response Commission Johnson County Emergency Management

Tom Jones Debra Chelf



# EXHAUST SYSTEMS ORIGINAL EQUIPMENT

Franklin Plant: 1001 Hurricane Ave., Franklin, Indiana 46131 (317) 736-7111

FEBRUARY 9, 2000

Indiana Emergency Response Commission Attn: Section 304 ( c ) Reporting P.O. Box 7024 Indianapolis, Indiana 46207-7024

To Whom It May Concern:

In compliance with SARA section 312, I have enclosed a Tier II report for the Arvin Exhaust, Franklin Facility.

Along with this report, I have also included a site plan indicating the locations of the reported storage area tanks.

If you need further information, please contact me at (317) 346-2842

Sincerely

Environmental Coordinator

Arvin Exhaust

Cc:

Indiana Emergency Response Commission Johnson County Emergency Management

Tom Jones Debra Chelf



## **EXHAUST SYSTEMS ORIGINAL EQUIPMENT**

Franklin Plant: 1001 Hurricane Ave., Franklin, Indiana 46131 (317) 736-7111

FEBRUARY 9, 2000

Franklin Fire Department Attn: Jack Matthews 1701 North Main Street Franklin, Indiana 46131

To Whom It May Concern:

In compliance with SARA section 312, I have enclosed a Tier II report for the Arvin Exhaust, Franklin Facility.

Along with this report, I have also included a site plan indicating the locations of the reported storage area tanks.

If you need further information, please contact me at (317) 346-2842

Sincerely

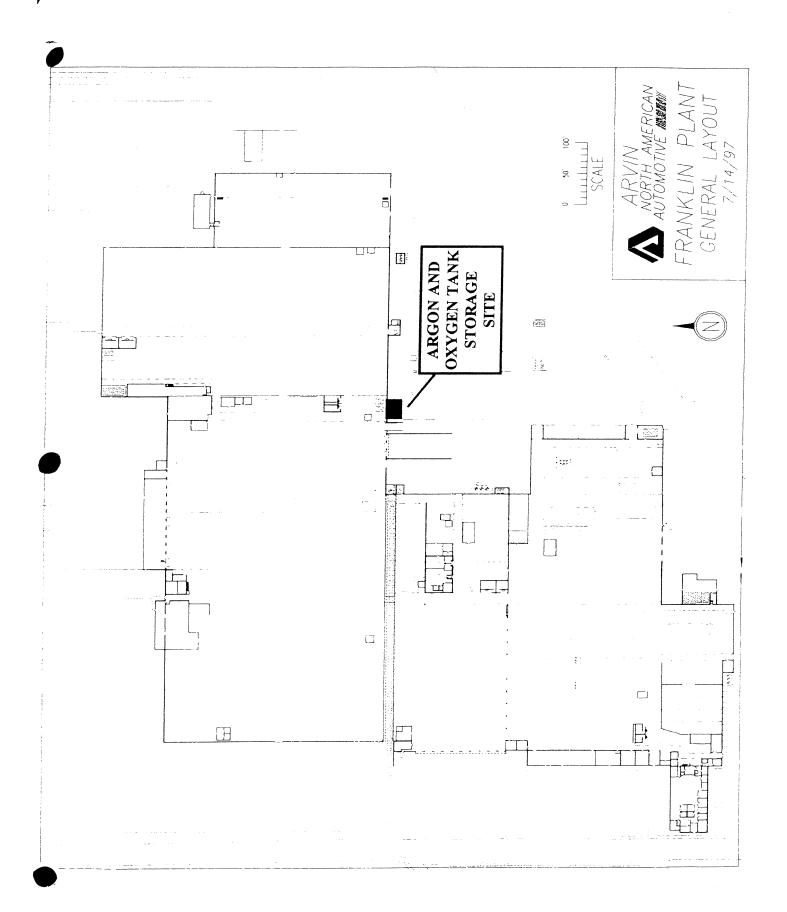
**Environmental Coordinator** 

Arvin Exhaust

Cc:

Indiana Emergency Response Commission Johnson County Emergency Management

Tom Jones Debra Chelf



NONCONFIDENTIAL LOCATION INFORMATION SHEET

Name ARCIN EX	Facility Identification		Henry	e (M
<   <   <   <   <   <   <   <   <   <	HARRICHNE ST.	Stat IND 710 46131	3/	Phone (
416	Dunn & Bradstreet:	Dunn & Bradstreet: 00 641 4783	merge	Emergency Contact Title MANAGE?
	(From Mailing Label)		Phone 317 - 346 - 2770 22 Name JERRY KEAN Phone 317 - 346 - 1843	24-Hr. Phone 317) 736 - 7111  Title Five R. CORDINATOR 24-Hr. Phone 21.7, 736 - 7111
Important: Read all instructions before completing form.	П	Reporting Period: From January 1 to December 31, 1999	Check if information below is ident	Check if information below is identical to the information submitted last year
Chemical Description	Physical and Health Hazards	Inventory	Container Type Pressure Temperature	Storage Codes and Locations (Nonconfidential) Storage Location
37 /	Fire	<b>64</b> Max. Daily Amount (Code)	A 2 7	
Secret	Sudden Release of pressure Reactivity Immediate (acute)	Avg. Daily Amount (Code)		
1	Delayed (chronic)			
Trade Secret	Fire Sudden Release of pressure	<b>O</b> <del>Q</del> Max. Daily Amount (Code) <b>O</b> <del>Q</del> Avg. Daily Amount (Code)	H 2 7	
Liquid Gas EHS	Reactivity Immediate (acute)	<b>365</b> No. of Days On-site (Days)		
	Delayed (chronic)			
□ L	Fire	Max. Daily Amount (Code)		
Secret	Sudden Release of pressure	Avg. Daily Amount (Code)		
-	Reactivity	No. of Days On-site (Days)		
Liquid Gas EHS	Immediate (acute) Delayed (chronic)			
Certification Read and sign after completing all sections				
iave personally examir se individuals responsi	ed and am familiar with the information of for obtaining the information, I belie	I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages 1 through	ate, and complete.	I have attached a site plan
owner/operator OR authorized representative	resentative	Sinhalting	JAM 2-9-00 Date signed	I have attached a list of site coordinate abbreviations
		) )		other safeguards



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

\_ vannon

Governor

Lori F. Kaplan Commissioner 100 North Senate Avenue P.O. Box 6015 Indianapolis, Indiana 46206-6015 (317) 232-8603 (800) 451-6027 www.state.in.us/idem

January 16, 2001

effective 1-30-01

MEMORANDUM

TO:

Interested Parties / Applicant

FROM:

Paul Dubenetzky

Chief, Permits Branch
Office of Air Management

SUBJECT:

Notice of Decision - APPROVAL

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 4-21.5-3-5(f), this order will become effective within eighteen (18) calendar days from the mailing of this notice unless a petition for review and a petition for stay of effectiveness is filed.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, within eighteen (18) calendar days from the mailing of this notice. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing: (1) The date the document is delivered to the Office of Environmental Adjudication (OEA). (2) The date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail. (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and the following: (1) the name and address of the person making the request; (2) the interest of the person making the request; (3) identification of any persons represented by the person making the request; (4) the reasons, with particularity, for the request; (5) the issues, with particularity, proposed for consideration at any hearing; (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

Pursuant to IC 4-21.5-3-5(d), the Office of Environmental Adjudication will provide you with notice of any prehearing conferences, preliminary hearing, hearings, stays, or orders disposing of the review of this decision if a written request is submitted to the Office of Environmental Adjudication at the above address. If you have procedural or scheduling questions regarding your petition, you may contact the Office of Environmental Adjudication at 317-232-8591. If you have any other questions regarding the enclosed document, please confact the Office of Air Management (OAM) at 317-233-0178.

Attachment



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon Governor

Lori F. Kaplan Commissioner 100 North Senate Avenue P.O. Box 6015 Indianapolis, Indiana 46206-6015 (317) 232-8603 (800) 451-6027 www.state.in.us/idem

January 16, 2001

Debra Chelf Arvin Industries, Inc. 1531 13<sup>th</sup> Street, Box 3002 Columbus, IN 47202

Re:

081-12617-00020

Source Specific Operation Status

Dear Ms. Chelf:

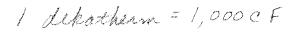
Your application for Source Specific Operation Status was received on November 20, 2000 and has been reviewed. Based on the data submitted and the provisions in 326 IAC 2, it has been determined that your emission source, an automobile component manufacturing plant located at 1001 Hurricane Street, Franklin, IN 46131, has met the criteria required to obtain a Source Specific Operating Agreement. All terms and conditions in any prior registrations or permits are no longer in effect.

Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

The facilities and processes of this source are hereby granted the Source Specific Operating Agreement provided that the following requirements of 326 IAC 2-9 are satisfied:

### Section A: External Combustion Operation: [326 IAC 2-9-13]

- The visible emissions from the external combustion unit shall not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9.
- 2. The fuel usage for the units listed in this Source Specific Operating Agreement (SSOA) shall be limited as follows:
  - (a) less than six hundred ninety-seven million cubic feet (697 MMcf) of natural gas per year, based on a straight twelve (12) month total, and
  - (b) less than one hundred seventeen (117) kilogallons of #1 or #2 distillate oil, or any combination of #1 or #2 oil, per year, based on a straight twelve (12) month total.



#### Section B: General Requirements: [326 IAC 2-9-1]

 The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. The above annual notice shall be submitted to:

Compliance Data Section
Office of Air Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

no later than January 30 of each year, with the annual notice being submitted in the format

- 2. Any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.
- 3. Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the source of the responsibility to comply with the provisions of any applicable federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the Office of Air Management (OAM) under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

Sincerely.

Paul Dubenetzky, Chie Permits Branch

Office of Air Management

ARD

cc: File - Johnson County

Johnson County Health Department Air Compliance Section Inspector - Marc Goldman Compliance Data Section - Karen Nowak

Administrative and Development - Janet Mobley Technical Support and Modeling - Michele Boner

#### February 19, 2004

Mr. Steve Roush
Indiana Department of Environmental Management
100 North Senate Avenue
PO Box 6015
Indianapolis, IN 46206-6015

Dear Mr. Roush:

I am writing regarding the ArvinMeritor Franklin facility Pretreatment Permit No. INP 000168. This permit expires on October 31, 2004, and requires a permit renewal application 180 days prior to the date the permit expires, which would be May 6, 2004. The Franklin facility is scheduled to close as of September 24, 2004. All manufacturing activities will cease by that date. Consequently we are requesting permission to not submit a pretreatment permit renewal application for the facility.

Should you have questions, or require additional information, please telephone me at 812-379-3545. Thank you.

Sincerely,

Debra Chelf Corporate Environmental Manager ArvinMeritor, Inc.

Cc: Rick Littleton Mike Alte Dan Boucher

January 14, 2000

Mr. Jeffrey Ewick Indiana Department of Environmental Management Office of Water Management 100 North Senate Avenue PO Box 6015 Indianapolis, IN 46206-6015

RE: INP00168

Dear Mr. Ewick:

Due to changes in facility management, please be advised that the following individuals:

- 1. Jerry Kean
- 2. Tom Jones

Are authorized by me to sign wastewater Discharge Monitoring Reports for the Arvin Exhaust Franklin facility, INP00168. This letter supersedes the correspondence dated March 26, 1998 designating Liston Hinson and Debra Chelf as authorized signatories. Thank you.

Sincerely,

David Galle Vice President Chrysler Business Group Arvin Exhaust

Cc: J. Kean D. Chelf

#### October 8, 2001

Mr. Rick Littleton Franklin Department of Public Works 796 South State Street Franklin, IN 46131

Dear Mr. Littleton:

The purpose of this letter is to notify you of an upcoming change in the wastewater discharge from the ArvinMeritor Exhaust Franklin facility. Effective October 18, 2001, blowdown from the cooling water system will be discharged to the Franklin POTW. The quantity of blowdown is estimated to be approximately 45,000 gallons per month. The water contains the following additives:

Nalco 7346 Microbiocide at 1 ppm approximate concentration Nalco 7363 Cooling Water Treatment at 250 ppm approximate concentration (scale and corrosion inhibitor)

Copies of the Material Safety Data Sheets for these products are included for your reference.

If you have questions or require additional information, please call me at 317-346-2770. Thank you.

Sincerely,

Tom Jones Quality Manager ArvinMeritor Exhaust Franklin

Cc: Kevin Cahoon, IDEM
D. Chelf, ArvinMeritor

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Eval Bayh Governor Kathy Prosser Commissioner 105 South Meridian Street P.O. Box 6015 Indianapolis, Indiana 46206-6015 Telephone 317-232-8603 Environmental Helpline 1-800-451-6027

MAY 28 1993

Dear Storm Water Applicant:

The Notice of Intent (NOI) letter submitted to the Indiana Department of Environmental Management (IDEM) is sufficient to comply with 327 IAC 15-6.

At this time, an NPDES general permit identification number is being assigned to each facility that has submitted a NOI to comply with 327 IAC 15-6. This number will be used as an identification number and should be written on any type of correspondence or amended NOI letter that is submitted to IDEM in relation to the NPDES general permit for storm water. Please make a note of it.

The NPDES general permit number which has been assigned to this facility is:

INR 00A004.

Enclosed, please find an information sheet which explains the requirements of 327 IAC 15-6, which is the state of Indiana's NPDES general permit rule for storm water discharges associated with industrial activity.

If you have any questions regarding this matter, please contact Ms. Sarah Santori or Mr. Shawn Spaw at (317) 232-8760 or Mrs. Catherine Hess at (317) 232-8704.

sincerely,

Lonnie D. Brumfield

Lonnie Brumfield, Chief Permits Section Office of Water Management

Enclosure

# EST 1986

## Indiana Department of Environmental Management

We make Indiana a cleaner, healthier place to live

Evan Bayh Governor Kathy Prosser Commissioner

105 South Meridian Street P.O. Box 6015 Indianapolis, Indiana 46206-6015 Telephone 317-232-8603 Environmental Helpline 1-800-451-6027

#### How To Comply With 327 IAC 15-6

The following document is a reminder of the activities that must be completed and implemented by your facility to be in compliance with 327 IAC 15-6 which is the NPDES general permit rule for Storm Water Discharge Associated with Industrial Activity.

Please include the NPDES general permit number which has been assigned to your facility on all correspondences related to this NPDES general permit.

Prepare a pollution prevention plan that contains the required elements in 327 IAC 15-6-7. The plan must be developed and implemented within 365 days from the date the NOI letter was submitted. Consider the submission of the NOI as day zero. The plan is not required to be submitted to IDEM, but must be retained onsite at the facility. Quarterly progress reports concerning the status of the plan must be submitted until the plan is completed. You are not required to submit a fee with your quarterly progress reports. One initial sampling event must be performed prior to implementation of the plan. Sampling data which has been obtained in accordance with federal storm water regulations and which is not more than 3 years old may be used to satisfy the first sampling requirement.

During the next one-year period after implementation of the pollution prevention plan, 2 additional sampling events must be performed at least 3 months apart. Thereafter, only semiannual visual inspections are required, unless you are contacted by this office to perform additional physical sampling.

In accordance with the provisions of 327 IAC 15-6-7 (c) (3), the commissioner may grant an extension of 365-day time frame based on a written request showing reasonable cause. We understand that extenuating circumstances may arise requiring an extension for the development and implementation of the storm water pollution prevention plan, a letter may be submitted to the aforementioned address (attention: Storm Water Desk) explaining your facility's situation. According to the circumstances, an extension may or may not be granted.

An annual report which contains the results of any sampling data and/or visual inspections are to be submitted to IDEM by January 28th of each year. Facilities which have a discharge regulated under this rule which enters a municipal separate sewer system must also submit a copy of the annual report to the operator of the municipal system.

Please be sure to provide an identifying outfall number for each representative outfall that is monitored with future correspondences. The numbering shall start at 001 for the first outfall, 002 for the second outfall and continue in that manner until all outfalls are numbered. Those facilities which have individual NPDES permits that cover other outfalls may wish to adjust the numbering of their outfalls. For example: If Outfalls 001 and 002 are covered by an individual NPDES permit, you may begin numbering the storm water representative outfalls at 003.

Please do not submit any sampling data or pollution prevention plans to IDEM with your NOI letter. Refer to paragraphs #3 & #6 above for instructions concerning these items.

An Frank Oppositionity Employer

Since the NPDES general permit rules for storm water discharges are permit-byrules, you will not be receiving an actual permit. The permit requirements are
contained in the NPDES general permit rules, 327 IAC 15. Rules 1 through 4
establishes the basic requirements for all NPDES general permit rules. Rule 5
establishes the permit requirements for storm water runoff from construction
activity. Rule 6 establishes requirements for storm water discharges associated
with industrial activity.

The NPDES general permit rules for storm water were "issued" on 8/31/92 and became effective on 9/30/92. These final rules were published in the October 1, 1992 edition of the Indiana Register (pp. 15-32). This office is not distributing copies of the final rules. The Indiana Register is distributed to all public libraries in the state of Indiana. Copies of the rules can also be obtained through the Legislative Services Agency at the State House or by calling (317) 232-9557. Ask for LSA Document No. 92-62(F). There will be a copying fee of at least 15¢ per page.

A \$50.00 application fee is required to be submitted with the NOI letter, in accordance with 327 IAC 5-2-21. Checks should be made payable to Indiana Department of Environmental Management. Please send all correspondence concerning the NPDES general permit to:

Indiana Department of Environmental Management Office of Water Management Permits Section, Storm Water Desk 105 South Meridian Street P.O. Box 6015 Indianapolis, IN 46206-6015

A Notice of Termination (NOT) letter must be submitted upon the closure of a facility. No fee is required for submittal of an NOT. Remember that any new facility must submit a Notice of Intent letter 180 days prior to operations of the new facility. An NOI letter may not be transferred to a new facility. Also, if significant changes occur at the facility, an amended NOI letter may need to be submitted to IDEM to address these changes. Resubmittal of an NOI letter in response to a deficiency letter from this Office does not require submittal of any additional fees if a fee was previously submitted with the original NOI letter. Any further amendments will require a \$50.00 processing fee.

If there are any questions feel free to call (317) 233-6123 and ask for the storm water desk.

ាំល្យប់ថ្ងៃ ក្រុកាស្ថា សម្តែលស ព្រះសម្តេច ក្រុកាស្ត្រ ស្រីស្នេក ស្ត្រី ស្ត្រីស្ត្រី ស

Will Harada Entrol

Allego, Agentus est. Bongo, open teg govern film Gento og ett fra

THE STATE OF THE S

and the second of the second o

RECEIVED DEU 2 9 1992

December 18, 1992

CASHIER, PAYROLL

Indiana Department of Environmental Management
Office of Water Management
105 South Meridian Street
P.O. Box 6015
Indianapolis, Indiana 46206
Attention: Permits Section, General Permit Desk

Subject: Notice of Intent

Dear sir or madam:

The Arvin North American Automotive (NAA) facility located at Franklin, Indiana intends to comply with the general permit for storm water discharges associated with industrial activity (327 IAC 15-6). The information below is reported in accordance with 327 IAC 15-3-2 and 15-6-5:

 Arvin North American Automotive 1001 Hurricane St. Franklin, IN 46131

2. SIC Code: 3714

- 3. This facility is owned by Arvin Industries, Inc., an Indiana corporation, located at One Q.G. Noblitt Plaza, P.O. Box 3000, Columbus, IN 47202, telephone (812) 379-3000.
- 4. The facility is located at:

Latitude: 39° 29' 30" N

Longitude: 86° 2' 45" W

- 5. Storm water is discharged to:
  - a. 1. 30 inch concrete storm sewer discharging to a Johnson County legal drain which discharges to Hurricane Creek.
    - 2. 20 inch concrete storm sewer discharging to a Johnson County legal drain which discharges to Hurricane Creek.
  - b. 24 inch concrete storm sewer discharging to the ditch along the former railroad right of way south of the Arvin facility, which discharges to the City of Franklin stormsewer system and ultimately discharges to Young's Creek.
  - c. 12 inch galvanized storm sewer discharging to the ditch along the former railroad right of way south of the Arvin facility, which discharges to the City of Franklin storm sewer system and ultimately discharges to Young's Creek.
  - d. 12 inch galvanized storm sewer discharging to the ditch along the former railroad right of way south of the Arvin facility, which discharges to the City of Franklin storm sewer system and ultimately discharges to Young's Creek.

- 6. The NAA facility at Franklin is an existing facility which has 5 point source discharges of storm water not currently regulated under an NPDES permit. These sources are described above in par. 5. These discharges are not prohibited from coverage under 327 IAC 15-2-6. This facility is not in a subcategory with federal effluent guidelines for storm water.
- 7. Additional NOI information required by 327 IAC 15-6-5:
  - (1) Joe T. Atkins, President of Arvin North American Automotive and a Vice President of Arvin Industries, Inc. will be responsible for signatory requirements under 327 IAC 15-4-3 (g).
  - (2) The location of each point source discharge of storm water associated with industrial activity is shown in Attachment 1.
  - (3) Substantially similar point source discharges of storm water on the site, if any, the outfall to be monitored as representative of all such discharge points, and the rationale used to identify the substantially similar points are shown in Attachment 2.

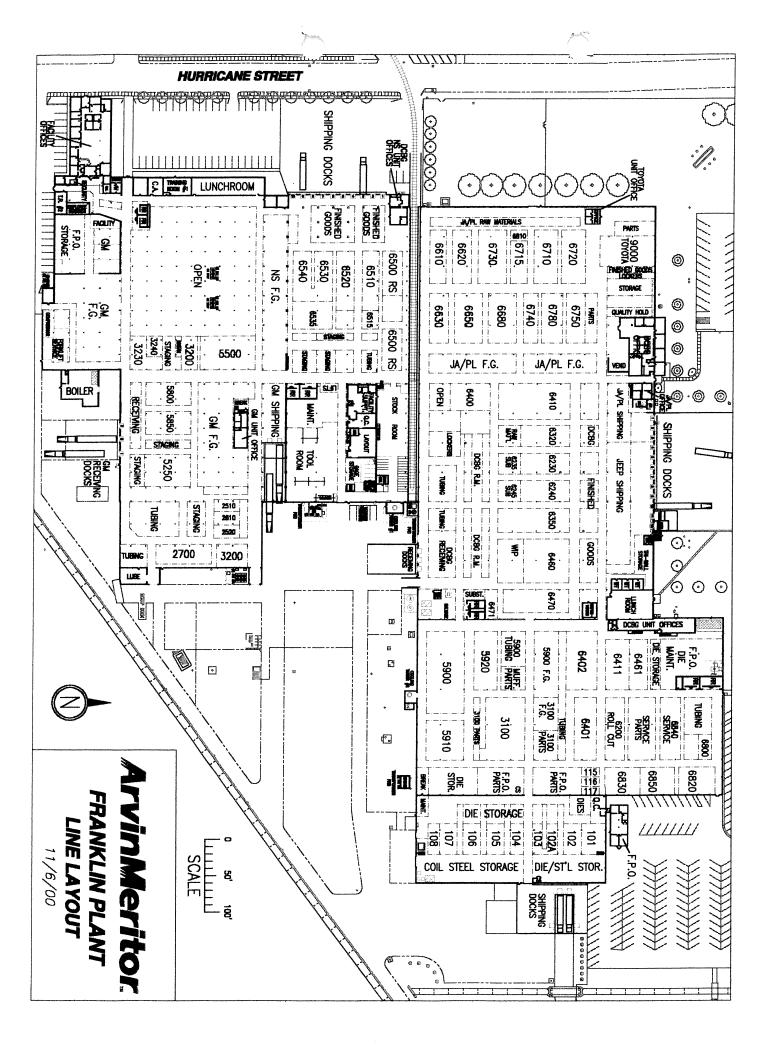
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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 violations.

Joe T. Atkins

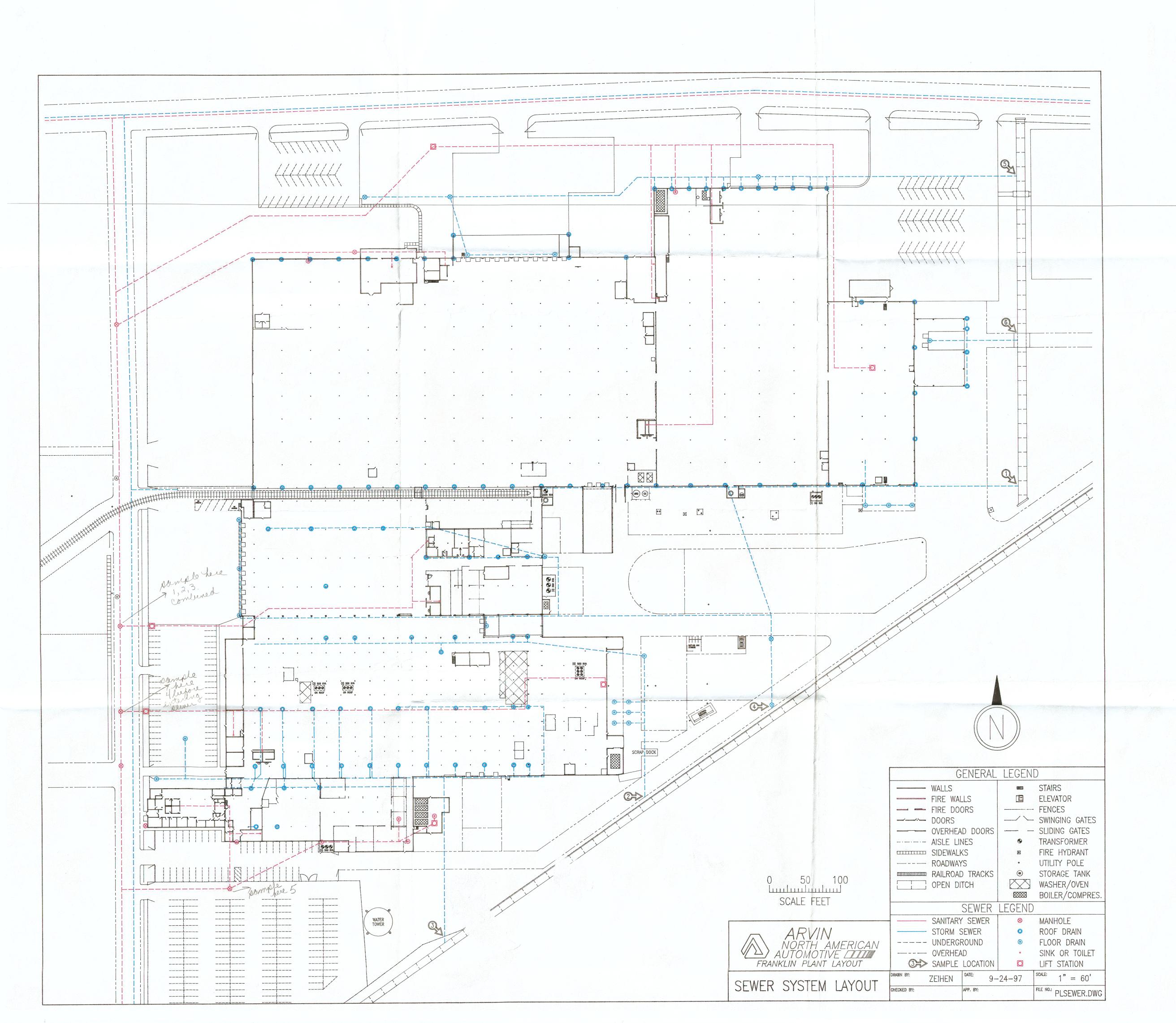
President, Arvin North American Automotive and

Vice President, Arvin Industries, Inc.

2 attachments



LARGE



# STORM WATER POLLUTION PREVENTION PLAN ARVINMERITOR, INC. FRANKLIN, IN

September 2001

#### STORM WATER POLLUTION PREVENTION PLAN ARVINMERITOR, INC. FRANKLIN, IN

#### INTRODUCTION

This report documents the storm water pollution prevention plan implemented (SWPPP) at the ArvinMeritor Exhaust Division Franklin facility. The plan discusses facility areas exposed to storm water and actions taken to reduce storm water contact in such areas. This plan follows the guidelines set forth in Indiana regulation 327 IAC 16-6-7 (a) through (c). The pollutants of concern cited in the plan are based on the types of materials stored outside the facility building and the type of industrial activities conducted at the facility.

Each area containing pollutants that could be exposed to storm water is described in Part I of the SWPPP. Existing conditions at the facility that could affect storm water and planned measures that will serve to eliminate pollutant exposure to storm water are outlined in Part II of the plan.

#### STORM WATER DRAINAGE AREAS EXPOSED TO POLLUTANTS

The ArvinMeritor Franklin facility is located in Franklin, Indiana at 1001 Hurricane Street. The location of the facility is shown in *Attachment 1*. The facility fabricates automotive and light truck exhaust components and assembles complete exhaust systems. Activities at the facility include stamping, machining, welding, waste storage, oil/chemical storage, and receiving and loading. The applicable SIC code is 3714. The facility occupies approximately 40 acres.

A map showing the layout of the facility is included as *Attachment 2*. Storm water runoff from the facility roof, truck docks, and surrounding paved and gravel lots flows to six discharge points into two unnamed ditches on the east and south sides of the facility via below-grade pipes. Runoff from Franklin facility outfalls 1, 5 and 6 discharge to an open, unnamed ditch identified as a Johnson County drain on the east side of the facility, which then enters a subsurface City of Franklin storm drain that discharges into Hurricane Creek approximately 1/2 mile south of the facility. Franklin facility outfalls 2, 3, and 4 discharge to an unnamed ditch that originates on Franklin facility property on the south side of the property that then enters a subsurface City of Franklin storm drain that eventually flows into Youngs Creek.

ArvinMeritor Franklin does not store materials or conduct activities that would contribute pollutants to storm water other than those listed in 327 IAC 15-6-7(d)(1), storm water run-off associated with industrial activity. Furthermore,

327 IAC 15-6-7(d)(2) does not apply. Therefore, storm water samples were analyzed for the following parameters.

PH
Oil and grease
BOD-5 (Biochemical Oxygen Demand)
COD (Chemical Oxygen Demand)
TSS (Total Suspended Solids)
TKN (Total Kjeldahl Nitrogen)
Total phosphorous
Nitrate Nitrogen
Nitrite Nitrogen

The facility and the surrounding area within  $\frac{1}{4}$  mile of the facility are shown in *Attachment 1*. Surrounding properties are residential, commercial, or agricultural. According to information available from the Indiana Department of Natural Resources, two drinking water wells exist within  $\frac{1}{4}$  mile of the facility.

According to the 1979 Johnson County Soil survey Map published by the U.S. Geological Survey, two kinds of native soil are present on the facility grounds, Brookston silty clay loam (symbol Br) and Crosby silt loam (symbol CrA). The Brookston silty clay loam soils are nearly level with slopes from 0-2%. Runoff is very slow or ponded. The Crosby silt loam soils are nearly level and poorly drained as well. Crosby and Brookston soils are often found together, and wetness is the main limitation of both these soils for uses other than those agriculturally related.

The facility roof is 540,000 square feet in size, approximately 12.4 acres. The remainder of the outdoor surfaces subject to this plan includes an impervious area of approximately 1.5 acres, (asphalt and concrete) and a pervious area of approximately 0.2 acres (stone drives, vegetated areas).

# Industrial Activity Exposed to Storm Water And Storm Water Management Controls

#### Outfalls 1, 5, 6

These outfalls enter an unnamed Johnson County drain that is an open ditch until it enters a subsurface City of Franklin storm drain at the southeast corner of the facility property. Areas of the facility that are exposed to storm water that enters this ditch are: uncovered scrap hoppers, the north portion of the facility roof, empty shipping containers, and truck docks.

The uncovered scrap hoppers contain stainless steel or other steel scrap that may have a light coating of synthetic oil. Runoff from these hoppers could

contain minimal amounts of oil. Runoff in the vicinity of these hoppers has no direct conduit to the east side ditch. Runoff from some of these scrap hoppers is collected and disposed of off-site as oily wastewater.

Primary roof exhaust units are from combustion of natural gas and welding fume exhaust, neither of which is anticipated to contribute significantly to storm water contamination.

Empty shipping containers may have a light synthetic oil residue from parts placed in them. Generally shipping containers would not be expected to contribute to storm water contamination.

Chemical deliveries are made to dock E on the east side of the facility. This dock is covered and is not exposed to storm water. However, a storm drain is present in the dock bay. As a precaution against liquid spills during delivery, a 6-inch curb has been installed on the shipping bay floor near the back-bay wall that would contain a sizeable spill of liquid. A spill kit is readily accessible to this shipping/receiving dock. Additionally, a flexible storm drain cover has been added to the spill kit that can be placed over the storm drain in this dock bay in the event of a spill. The most likely spill event would be a hydraulic system failure on a truck that would result in hydraulic oil being spilled on to the shipping bay floor. The spill kit contents nearby would be used to contain and confine such a spill.

There are other truck docks located throughout this portion of the facility, none of which ship or receive chemicals. The most likely spill event at these docks would be a hydraulic system failure on a truck that would result in hydraulic oil being spilled in a dock area. Depending upon the location of storm drains in the dock areas, such an event could result in material entering a storm drain. Spill kits are present throughout the facility that could be used to contain and confine a spill of this nature so that the amount of material entering a storm drain would be minimized.

#### Outfalls 2, 3, 4

Outfalls 2, 3, and 4 enter the unnamed ditch that originates on the south side of the facility. Areas of the facility that are exposed to storm water that enters this ditch are: uncovered scrap hoppers, the south portion of the facility roof, electrical transformers, above-ground fuel storage, truck docks, gas cylinder storage, empty shipping racks, and an uncovered trash dumpster.

The uncovered scrap hoppers contain stainless steel or other steel scrap that may have a light coating of synthetic oil. Runoff from the vicinity of these hoppers has no direct conduit to the east side ditch.

Primary roof exhaust units are from combustion of natural gas and welding fume exhaust, neither of which is anticipated to contribute significantly to storm water contamination

There are electrical non-PCB transformers scattered at several locations in this portion (south) of the facility, but curbs have been installed around them to collect any oil that could be released from them.

There are two aboveground 290-gallon steel tanks, one of which stores gasoline, and the other that stores diesel fuel. These tanks have secondary containment around them. The drain for the containment is locked in a closed position. Water from the containment is not released from containment until it is inspected for a sheen. If no sheen is present the water is released from the containment. If sheen is present, the water must be collected and disposed of offsite. In the unlikely event that contaminated water did escape from this secondary containment area, there is no direct conduit from it to the south ditch, and the distance is so great, water would disperse before reaching the south ditch.

There are several truck docks, most of which are uncovered, located throughout this portion of the facility, none of which ship or receive chemicals. The most likely spill event at these docks would be a hydraulic system failure on a truck that would result in hydraulic oil being spilled in a dock area. Depending upon the location of storm drains in the dock areas, such an event could result in material entering a storm drain. Spill kits are present throughout the facility that could be used to contain and confine a spill of this nature so that the amount of material entering a storm drain would be minimized.

Portable gas cylinders are stored in an uncovered outdoor area. These cylinders typically contain gases used for welding and propane. The contribution to storm water contaminants from this activity is considered minimal.

Empty shipping containers may have a light synthetic oil residue from parts placed in them. Generally shipping containers would not be expected to contribute to storm water contamination.

The uncovered trash dumpster appears to contain mostly waste wood, primarily broken skids and pallets that cannot be reused. It is not anticipated that this wood will contribute to storm water contamination.

#### Administrative Controls and Preventative Maintenance

The Franklin facility has a written spill response plan that addresses facility response to spills and releases. For releases to the environment, facility personnel are trained, and have spill equipment to contain and confine as a short-term immediate response, a spill of approximately 55 gallons. For clean up and spills of greater quantities, a spill response contractor will be called. Spill kits are located throughout the facility in areas where spills are most likely.

Used oil and oily wastewaters are managed fully within the facility. Waste oil is removed from the lube room and remains within the plant during transfer to the

tanker. For additional information on specific transfer procedures, please refer to the current *Spill Prevention, Control and Countermeasures (SPCC) Plan.* 

All storm drains and outfalls are inspected on a monthly basis. If they are in need of attention, a work order is written. All storm drains are cleaned out annually. Regulated storm water outfalls are observed biannually during a qualifying rainfall event for the following: turbidity, color, foam, solids, floatable materials, and oil sheen. The results are recorded and sent to IDEM.

#### Significant Spills and Leaks

No significant spills or leaks of pollutants have been reported by the Franklin facility during the past five years.

#### Presence of Non-Storm Water

During preparation of this storm water pollution prevention plan update, the possibility that recirculating cooling water blowdown may be discharging to outfall 1 was investigated. It was discovered that this blowdown water is indeed discharging to outfall 1. The facility intends to re-route this blowdown discharge to the sanitary sewer. This requires a major plumbing project, and it is anticipated that it will be complete by December 2001.

#### Certification

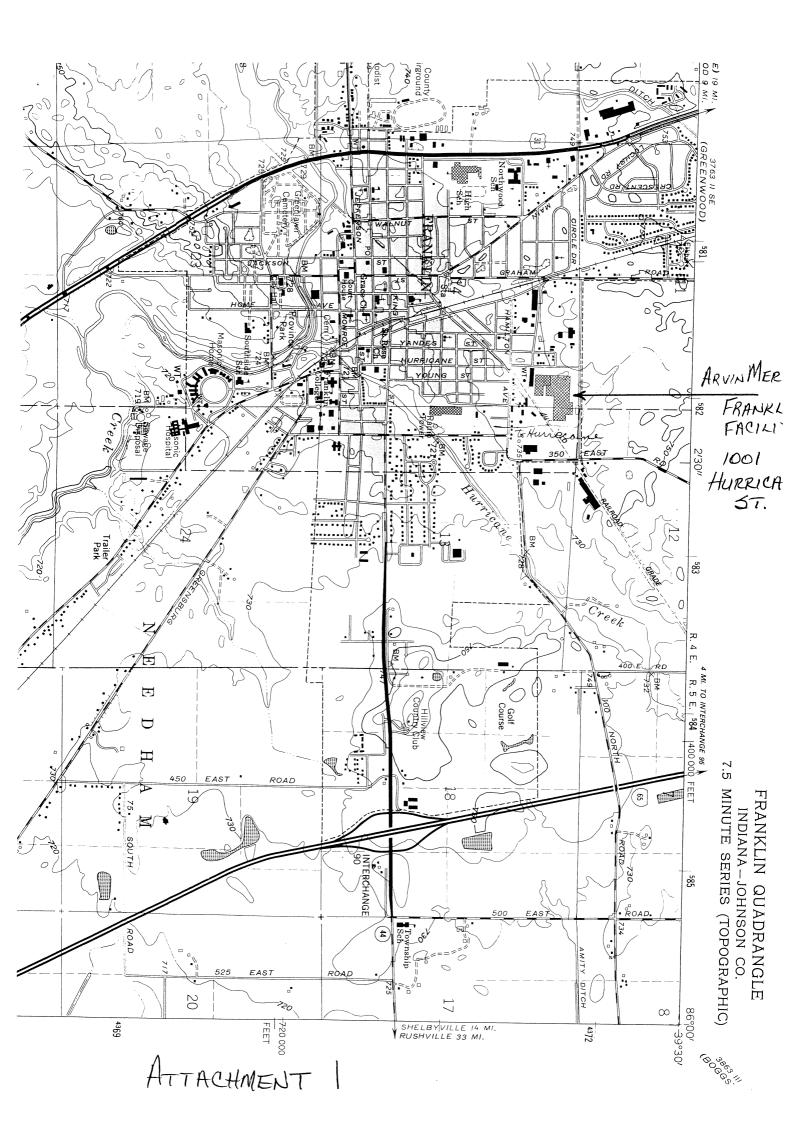
This plan has been prepared by or under the supervision of the qualified professionals specified below and complies with the terms of 327 IAC 15-6. Based on an inquiry of the persons who manage the system, or those persons directly responsible for gathering information, the plan is, to the best of my knowledge and belief, true, accurate, and complete.

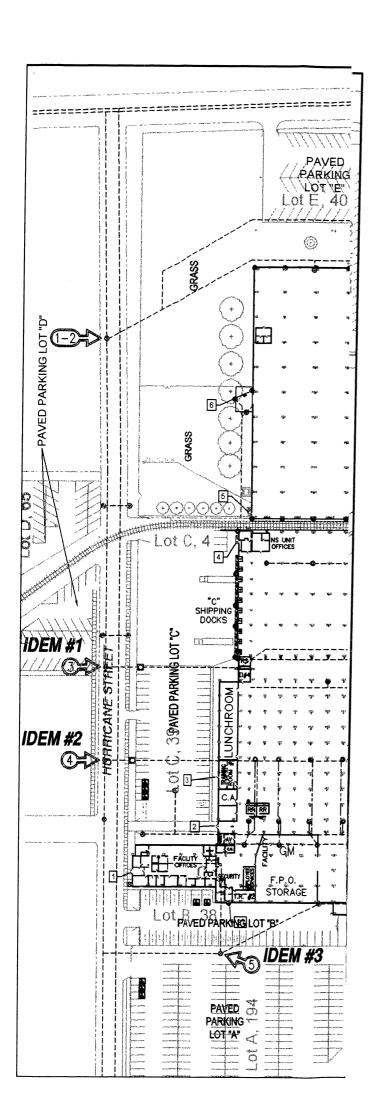
Signed:

Debra Chelf

Corporate Environmental Manager

ArvinMeritor





ATTACHMENT 1

# DIVISION OF WATER RESOURCES INDIANA DEPARTMENT OF CONSERVATION 311 WEST WASHINGTON STREET INDIANAPOLIS, INDIANA

# WATER WELL RECORD



INFORMATION ON WELL LOCATION
inty in which well was drilled: Civil Township:
mty in which well was drilled: Number of section:
igressional township: (Fill in as completely as possible)
scribe in your own words the well location with 1917
distinctive landmarks: 109/ Gandles St. Franklin Ind
me of owner: Carl Taylor Address:
me of owner: Carl Gugets  ime of Well Drilling Contractor: Burnis Well Rulling  Franklin Ind
¹ \ss:
ame / Drilling Equipment Operator:
THE WELL
ompleted depth of well: 63 It. Date well was completed:
outside casing or drive pipe:
iameter of outside casing or liner:  Length:  Jameter of Screen:  Length:  Jameter of Screen:  Driven  Other
iameter of Screen:Length:
Prilled (IX Grave) Pack U Dilven U
se of Well: For home For industry For public supply Stock  ethod of Drilling: Cable Tools Rotary Rev. Rotary Jet Driven  ethod of Drilling: Cable Tools For public supply for
ethod of Drilling: Cable Tools Drotary Cable Drotary Cable Tools Drotary Cable Drotary Cable Tools Drotary Cable Drotary
tatic water level in completed well (Distance 1753) ft. (Difference between
tatic water level in completed well (Discours)  ailer Test: Hours testedRateg.p.m. Drawdownft. (Difference between static level and water pring Test: Hours testedRateg.p.m. Drawdownft. (Difference between static level and water pring Test: Hours testedRateg.p.m. Drawdownft. (Difference between static level and water pring Test: Hours tested
mping Test: Hours tested / Rate to g.p.m. 22 days
Signature
D7P

FORMATIONS (C. )	
FORMATIONS (Color, type of material, hardness, etc.) From To	COHNTY.
gollout lay ) 10 m 5 m 5 m	₹, /
Gellow " 48 55 Bedrock:	0
Siey . 55 48 8 8	
Gravel 58 63 2 vell:	
	(F
N C C C	(Well D
CO BBD R FE	Driller
	01-01
in course cce to the course of	Contract of the Contract of th
The day of the work of the day of	ე8606
THE PRINCIPLE OF THE PR	ن. ت
ification ification log File	
REMARKS:	i
The second secon	
- 1 m	

#### INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a iter well. We request that you be as accurate as possible in recording this information as may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. ease include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted thin thirty days after the completion of a well to the Division of Water Resources, Indiana partment of Conservation, 311 West Washington Street, Indianapolis, Indiana.

### DIVISION OF WATER RESOURCES INDIANA DEPARTMENT OF CONSERVATION 609 STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46209 MElrose 3-6757

### WATER WELL RECORD

INFORMATION ON WELL LOCATION
County in which well was drilled: Civil Township:
Congressional township: 12N Range: UE Number of section: 14
(Fill in as completely as possible)  Describe in your own words the well location with respect to nearby towns, roads, streets
or distinctive landmarks: <u>Near Annie Ind.</u>
Name of owner: Claschorn Address:
Name of Well Drilling Contractor: Some Brown
ess:
Name of Drilling Equipment Operator:
INFORMATION ON THE WELL
Completed depth of well: 63 ft. Date well was completed: $9/2/59$
liameter of outside casing or drive pipe:Length:
Diameter of inside casing or liner: 4" Length: 63
liameter of Screen: 3" tryp Length: 4.5 Slot size:
ype of Well: Drilled 🛛 Gravel Pack 🗌 Driven 🗍 Other
se of Well: For home X For industry
ethod of Drilling: Cable Tools 🛛 Rotary 🗌 Rev. Retary 🗍 Jet 🗍 Driven 🗍
tatic water level in completed well (Distance from ground to water level) 25 ft.
ailer Test: Hours tested Rate 75 76g p.m. Drawdown ft (Difference between
static level and water mping Test: Hours tested Rate 16 g.p.m. Drawdown 31 ft. level at end of test)
en seen en la grande de la companya br>La companya de la co
Signature Asiller
Date Kost & Steen 3/61

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

WATER WELL LOG	·		
FORMATIONS (Color, type of material, hardness, etc.)	From	То	COUNTY: Topo Ma Well lo Courtho Field 1. Acc. w/
Sand	. 0	15	4 6 5 E 80 A 1
Gardgan	/5-	5-2	classe located verification
Gravel	5-2	63	classified se located verification
			it in the second
			By By By
			TWP TWP Date Date Date
	,		FOR (Well of TWP
			6   118
			RGE.
			no 1/0
			O Ft ( fill )
			NENE OF
			ut)  - 1 _ 2  of EL.  of WL.  of NL.
	,•••		1
~			rour Frour Gepth Gedro
			nto eler e
			01-01 - x SEC elevation bedrough elevate elevate
EMARKS:			io ck ch
			)86
			38.

#### INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a ster well. We request that you be as accurate as possible in recording this information as may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. ease include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted thin thirty days after the completion of a well to the Division of Water Resources, Indiana partment of Conservation.



June 12, 1985

Mr. Charles Phipps Indiana State Board of Health Office of Emergency Response 1330 West Michigan Street Indianapolis, Indiana 46206-1964

Dear Mr. Phipps:

Re: Fuel 0il Spill on May 28, 1985 Arvin Automotive, Franklin Plant 1001 North Hurricane Street Franklin, Indiana 46131

On May 28, 1985, an oil substance believed to be fuel oil was noticed in the north - south drainage ditch. On May 29, 1985, The Harry R. Long Company, (P.O. Box 33, Chesterfield, Indiana 46017) performed a hydrostatic pressure test on a 10,000 gallon underground storage tank containing #2 grade heating fuel. The results of this test to empty the tank. Oil absorbent booms and pads were placed at those areas of the ditch at 30 yard intervals. The leakage was contained by the first boom located at the 18" outlet tile.

On Monday, June 3, 1985, Bruce A. Smith Construction (Franklin, Indiana) was contracted to remove the tank from the ground and contain and cover all contaminated soil. On Wednesday, June 5, 1985, Petro-Chem (1901 W. Morris Street, Indianapolis, IN) was contracted to remove all contaminated soil. Petro-Chem disposed of 280 square yards of contaminated soil at the South Side Land Fill. This was authorized by Lew Schoenberger, Indiana State Board of Health, Land Pollution Division. This material was given a special waste classification. We back filled the excavation site with pit run gravel and installed (4) 4" PVC test wells to represent the contaminated site. This operation was completed by 6:15 pm, June 3, 1985. There has been no further evidence of fuel oil since the excavation.

In conclusion, Arvin Safety Officials found the tank was originally back filled in the early 1960's without proper sand fill. This led to a puncture by a small gravel pebble. The fuel oil traveled through an old field tile into the 18" drainage line.

The field tile was removed and back filled. Arvin has no intentions of replacing the underground fuel tank. Alternate fuel sources are being evaluated. The boom will be removed on Monday, June 17, 1985, unless evidence of fuel oil reappears.

Arvin Automotive Safety Officials consider this matter abated and will continue its commitment to safeguard our employees, our community and our environment. If you have any further questions, please contact me at 317-736-7111, Ext. 269.

Respectfully,

ARVIN AUTOMOTIVE

Llewellyn O. DeWitt

Assistant Personnel Manager

Franklin Plant

LD/sas

March 15, 1985

To:

EPA File

From:

Lew DeWitt

Subject: On site inspection of spill area for spill on March 1, 1985.

At 10:25 am, this date I met with Ron Peasson, Pollution inspector for the Indiana State Board of Health. He advised me that he received notification from County Health Officer John Bonsett of a chemical spill in the east ditch. I told him that I received a call from John Bonsett on March 1, 1985. He advised me that while he was taking samples of drainage water from our east ditch, he and a research team from Pittsburg who work for Bendix noticed a white grayish material flowing from a drainage tile located on our property. I told him I took samples of the material on March 1, 1985 and showed him my samples. I told him it was non oil fluid mixed with water from floor run off.

I took Mr. Peasson to the site and he commented, "the water looks good." I took him to the basement and he looked at the area. He requested a chemical composition for IRMCO 131 to complete his investigation. I told him I would obtain a copy from our manufacturing source and forward it to him. I showed him the Material Safety Data sheet and pointed out that IRMCO 131 met all EPA standards. He informed me that if the chemical composition sheet supported my conclusion, he would forward a letter of no citation to the plant.

Mr. Peasson stated he felt we at the plant should have called the emergency response number when we noticed the spill. I told him I did not consider such a small amount of non toxic fluid a spill. He stated he felt like the state should make that decision. I told him I disagreed. I told him that I knew that the material was non toxic and not harmful to the environment. I told Mr. Peasson he would feel the same way when he reviewed the chemical composition sheet.

In our closing conference he asked that in the future if we would contact the state if we have material flowing in a stream as a courtesy gesture. I told him I would do my best. I told him we had always had a good relationship with the State Board of Health and that Arvin was very concerned about the environment. He left at 11:18 am.

March 27, 1985 Franklin Plant

TO:

Mark Adolay

FROM:

Tom Linneweber

SUBJECT: WASTE-WATER SPILL 3-22-85

On 3-22-85 at 11:25 a.m., Eathel Houshour told me that Jr. Absher wanted to see me about people dumping oil into the creek. At 12:30 p.m. I went to see Mr. Absher, who showed me several pools of liquid standing on the ground outside the press room by the overhead door. The liquid was running into the creek. A film was apparent on the surface of the liquid.

Upon investigation, set-up employee Rex Sipes stated, that on 3-21-85 between 2:00 and 2:30 p.m., he dumped about 200 gallons of waste water from parts washers onto the ground because the sewer line was clogged to the point that the drain would barely accept any water. On 3-22-85, at 10:30 a.m., he dumped about 100 gallons more. He stated that Steve Johnson dumped some also. Mr. Johnson stated that on 3-21-85, about 1:30 p.m., he dumped about 100 gallons of waste water onto the ground. The waste water contained IRMCO-131 water soluble lubricant in a very diluted state. Employees were told to dump the solution into the sewer drain in 100 press room, but the drain was clogged so they decided to dump the water onto the ground.

At 2:55 p.m. Lew DeWitt contacted Michael Sorge at the State's EPA emergency number. Mr. Sorge told Mr. DeWitt that the problem did not appear to be severe; thanks for the report. At approximately 3:10 p.m. Lew DeWitt and I went with Bob Smith, of Johnson Co. Health Department, to look at the stream at Ross Court. A slight residue was seen at a rock breaker south of a nearby culvert. The stream showed no other damaging effects. Minnows were seen in abundance in the stream.

On 3-22-85 the supervisors of the employees who will be involved with future cleaning of the wash tanks and Messrs. Sipes and Johnson have been instructed under no circumstances can the Company permit anyone to dump liquid waste onto the ground.

On 3-25-85 the drain line remains clogged. Maintenance is scheduling a sewer line replacement project. Meanwhile, we may have to store the waste water until this drain line is fixed because maintenance says that the press room drain line is the only place that the waste water can be dumped.

TL

TL/dab



March 22, 1985

Mr. Ron Pearson
Indiana State Board of Health
Water Pollution Division
1330 West Michigan Street
P.O. Box 1964
Indianapolis, Indiana 46206-1964

Dear Mr. Pearson:

Re: Non-Toxic Chemical Leakage Arvin Automotive, Franklin, IN 46131 on March 1, 1985

Attached is the Chemical Data Sheet for IRMCO DATA 131 Drawing Fluid that you requested on your Spill Inspection of March 15, 1985. I trust this will satisfy your initial request. I would appreciate it if you would forward your findings or conclusion in writing to me.

In closing, I would like to restate Arvin Automotive's commitment to safe guarding our employees, our community and our environment. If you have any further questions, please contact me at 317-736-7111, Ext. 269.

Respectfully,

ARVIN AUTOMOTIVE

Llewellyn O. DeWitt

Assistant Personnel Manager

Franklin Plant

LD/sas Attachment IRMCO 131

#### CONTROLLED VISCOSITY NON-OIL CONCENTRATE

#### GENERAL

IRMCO 131 is a NON-OIL fluid designed to give an innovative response to the need to replace oil. IRMCO 131 has a unique viscosity controlled film strength enhancer additive package along with a phosphorus extreme pressure additive. IRMCO 131 is a dark blue transparent fluid that is nitrite free and has a bactericide which is non-phenolic for the widest industrial acceptance. IRMCO 131 offers the combination of inherent cleanliness, pleasant odor, outstanding bacterial control, film strength enhancer, extreme pressure agents, rust protection and good cooling. IRMCO 131 is non-staining to galvanized steel, aluminized steel or terneplate (lead/tin coated) steel.

#### **ADVANTAGES**

- 1. IRMCO 131 has a unique controlled viscosity which allows it to replace oil on many applications. It flows like oil; but contains No Oil.
- 2. IRMCO 131 is a superior rust inhibitor for cold rolled steel. It protects the workpiece, machine and tool during processing and inside storage. The residue can be washed off with water at any time.
- 3. IRMCO 131 is water based and thus helps cool the workpiece. Parts made with IRMCO 131 are cooler coming off the machine. The vapor is water, not hydro-carbon smoke. The water base of IRMCO 131 makes it a non-flash, non-flammable metalworking fluid.
- 4. IRMCO 131 is a stable fluid with excellent wetting, therefore, less IRMCO 131 is used making it more economical than oil because carry-out is reduced below oil levels.

#### RECOMMENDED APPLICATION

DRAWING AND STAMPING -IRMCO 131 is meant to be used "as is" with a balanced viscosity control and film strength enchancer agent which prevents scoring and galling. The residual film may be left on the parts for rust protection or may be easily removed by water wash-off. Extended die life is obtained between polishings.

/cont.

# MATERIAL SAFETY DATA SHEET SECTION I

** PRODUCT NAME OR NUMBER IRMCC	 D 131			EMERGE	NCY TELEPHONE NO.	
MANUFACTURER'S NAME					12) 864–0255	
International Refining 8	& Manufacturing Compo	anv		4	ACTURER'S D-U-N-S NO	1.
ADDRESS (Number, Street, City, St. 2117 Greenleaf Street.	tate and Zip Code) Evanston II. 60202				-525-1731	
HAZARDOUS MATERIALS DESCRIP	PTION AND PROPER SHIPPING	NAME(49 CFR	172.101)	HAZARD CLASS (4	19 CFR 172.101)	
Not a hazardous materic	<u>al</u>		·	Not appli	·	•
	TO TO BELLED		FORMULA		han a far and a far a fa	******
NON-OIL METALWOR				Mixture		
	ON II — INGREDI	IENTS (II:	st all in	ngredients)	CAS REGISTRY NO.	%
Triethanol	······································				(102-71-6)	1-4
Inhibitor -	- Carboxylate type				Not available	2-(
Polyglycol	ls				Not available	10-2
Dye					(1330-28-7)	trac
Phosphate	Ester			• 1	Not ayailable	4-8
Hexahydro	-1,3,5 tris (2 Hydroxy	ethyl-S-Tric	azine		(4719-04-4)	1/2
Wetting Ag			Blanch de la company		Not available	1
Water			-			<del> </del>
						balaı
						-
	SECTION III -	- PHYSI	CALD	ΛΤΛ	•	
BOILING POINT ( F) ( C)	similar SPECIFIC GRAVITY	Y (H <sub>2</sub> O=1)				
VAPOR PRESSURE (mm Hg)	water PERCENT VOLATIL		(%)			
VAPOR DENSITY (AIR=1)	base EVAPORATION RA		65			
SOLUBILITY IN WATER	oH=		1		· .	
APPEARANCE AND ODOR	Soluble 8.5 to 9.0	) at working	strength	5:1 with water		
	The second secon			IS MATERIA GAS	DACTE	OUD
SECTION AND A SECTION	N IV-FIRE AND	<b>EXPLOS</b>	ION H	AZARD DA	ATA	
( °C	F)		ABLE LIMITS		UEL	
EXTINGUISHING MEDIA Use m	nedia suitable to primar		~			
SPECIAL FIRE FIGHTING PROCEDURE	S	ry cause of	tire			
	Great Same					
INUSUAL FIRE AND EXPLOSION HAZ	ZARDS		<del></del>			
	None	<u> </u>				
				——————————————————————————————————————		
	SECTION V-HEA	ALTH HAZ	ZARD	DATA		
FFECTS OF OVEREXPOSURE Eye splash may injure-tr	riethanolamine content eye	may cause	THRESH PERMIS	HOLD LIMIT VALUE I SIBLE EXPOSURE L	□Volatile portic MIT □ water	on is
MERGENCY AND FIRST AID PROCED Eyes: For eye splash was	oures sh freely with water 15	S-minutes, S		°f		
Skin: Wash with soan an			GG POCIC	of it necessary.		

#### LABORATORY REPORT

FOR	Jranklin			SAMPLE	TAKEN .	5-29-85				
					CHECKE		ROH			
WATER Taken from Creek on the property										
Tank No.	Remodel	Sewer	NH4	#/W.R.	M. Ch.	A. Ch.	Sizer	Wax		
рН				<u>.</u>						
Clarity										
Zinc										
Iron										
Lead										
Tin										
Solids							. :			
Chloride										
PO4										
Residue								,		
S. Solids										
Oil&GREASE	0.1 mg	1-2								

Recommendations:

September 29, 1983 Franklin Plant

TO:

Mark Adolay

FROM:

Lew DeWitt

SUBJECT:

Biodegradable oil/water spill in east drainage ditch.

At 2:16 pm, September 29, 1983, Bill Dailey notified me that he noticed a large amount of oily water in the drainage ditch that is located in the east yard. I examined the ditch and found a combination greenish, yellow water, with an oil yellow film on the water in the ditch. I followed the ditch to its dumping point into the city storm sewer. I examined the sewer entrance and found a large accumulation of greenish yellow water in the bottom of the 60" sewer pipe which looked to be 5" to 6" in depth. At this point I notified G. Ernest. I obtained two pint samples from the creek and then called John Holland and Ron Pardieck. They arrived at the Franklin Plant around 3:00 pm. Mr. Holland, Ron Pardieck, Dale Bates, G. Ernest and myself went to the spill area. I gave Mr. Holland the two samples and then stated this oil shouldn't be allowed to enter the waterway. However this material was certainly biodegradable and would break up in water. I asked Mr. Holland if we had to report this to the state and he said, "No".

I decided at 3:15 pm to pump the material out of the ditch and sewer tile. We pumped it on the gravel drive to allow it to settle and dry.

On September 30, 1983, I reinspected the ditch and sewer and found the same situation. I again ordered the ditch to be pumped out. I believe this accumulation came from run off from the length of tile from the building to the ditch. The concentration seemed more diluted and lighter color.

This clean up removed all concentrations of material and the problem was abated. This material was tested for composition by our chemlab. The results indicated that the material was not polluting and could be flushed down a sanitation sewer.

SATURDAY, JUNE 17, 1995 FRANKLIN PLANT

YESTERDAY EVENING, DANNY BOUCHER TOLD ME HE SAW OIL OR NON OIL LUBRICANT ON THE GROUND AT THE FPO SCRAP AREA. I CALLED UNIT MANAGER KEN WEBB AND LEFT HIM A MESSAGE THAT WE SHOULD LOOK AT THIS EARLY SATURDAY MORNING.

THIS MORNING, I WENT TO INSPECT THE AREA AND FOUND THAT AN OILY SUBSTANCE WAS ALL OVER THE GROUND JUST OFF OF THE CONCRETE PAD AT THE FPO SCRAP AREA. I DISCOVERED SEVERAL POOLS OF WHAT LOOKED TO BE OIL AND WATER AND NON OIL AND WATER MIXED. IT APPEARED THAT THE OILY SUBSTANCE HAD LEAKED OUT OF THE KROOT SCRAP CONTAINERS AND ONTO THE GROUND. IT ALSO LOOKED AS IF THE KROOT CONTAINERS HAD BEEN PULLED OUT AND THE OIL LEAKED FROM THEM FURTHER OUT IN THE GRAVEL.

I THEN HAD MR. WEBB COME OUT AND LOOK AT THE PROBLEM. WE FEEL AT THIS TIME THAT NON OIL LUBRICANT HAD BEEN LEAKING OUT OF THE CONTAINERS, BUT ALSO THERE APPEARED TO BE WHAT WE THINK IS HYDRAULIC OIL ON THE GROUND AS WELL. I TOLD MR. WEBB THAT I WOULD SPEAK WITH BOB ELLIOTT, BUT WE WERE GOING TO HAVE TO START A CLEAN UP RIGHT AWAY.

I HAD PAGED FOR MR. ELLIOTT AND HE CAME TO THE PRESS AREA. I SHOWED HIM WHAT WE HAD ON THE GROUND AND EXPLAINED WHAT WE SHOULD DO AT THIS TIME TO START CLEAN UP. I SAID I THOUGHT THAT LISTON HINSON SHOULD BE INVOLVED AND ADVISE US IF WE SHOULD NOTIFY EPA. ALSO, WE SHOULD GET A VACUUM AND PUMP UP ANY PUDDLES OF OIL, THEN DROP SORBENT PADS ON THE GROUND TO SOAK UP WHAT WE CAN FROM THE GROUND. THE LOCATION WAS FAR ENOUGH AWAY FROM ANY DRAINS OR THE DITCH TO BE ANY IMMEDIATE PROBLEM. ALSO, THE QUANTITY WAS NOT ENOUGH TO PRESENT THAT TYPE OF PROBLEM. MR. ELLIOTT TOLD ME TO PROCEED WITH THE CLEAN UP AND MAKE IT THE RESPONSIBILITY OF FPO. WE SHOULD WORK THROUGHOUT THE WEEKEND IF NECESSARY, AND CONTACT LISTON HINSON MONDAY FOR FURTHER DIRECTION.

I TOOK PHOTOGRAPHS OF THE SITE AT APPROXIMATELY 8:30 AM AND THEN MR. WEBB AND I SET UP A PLAN TO DEAL WITH THE PROBLEM. HE CONTACTED MAINTENANCE MAN, LES JACKMAN, TO COME IN EARLY ON SECOND SHIFT TO BE AVAILABLE CONTINUE WITH CLEAN UP. FPO ALREADY HAD SEVERAL FIRST SHIFT EMPLOYEES AND TWO SECOND SHIFT EMPLOYEES IN TO WORK ON UPCOMING ATQPS CERTIFICATION. MR. WEBB DECIDED TO HAVE SEVERAL OF THEM TO START THE CLEAN UP WITH THE TWO SECOND SHIFT EMPLOYEES INVOLVED. THAT WOULD ALLOW THEM TO BE AVAILABLE LONGER TO CONTINUE WITH THE CLEAN UP.

I BROUGHT SORBENT PADS OVER TO USE AFTER THE VACUUMING WAS COMPLETED. ALSO, I BROUGHT LARGE, HEAVY PLY TRASH BAGS TO

PUT THE SOAKED PADS INTO WHEN FINISHED. BEFORE STARTING, AT APPROXIMATELY 10:30 AM, MR. WEBB INSTRUCTED ALL THE FPO EMPLOYEES THAT WERE HERE TO COME OUT TO THE SCRAP PAD TO SHOW THEM WHAT HAD HAPPENED. HE THEN EXPLAINED TO THEM WHAT A SERIOUS MATTER THIS WAS AND HOW THEY WILL HAVE TO MONITOR WHAT GOES INTO THE SCRAP CONTAINERS, WHETHER IT IS THEM OR SOMEONE ELSE. HE AND I EXPLAINED THE CONSIDERABLE COST THAT COULD BE INVOLVED TO CLEAN THIS UP AS WELL AS THE ENVIRONMENTAL PROBLEMS THIS COULD POSE FOR US IF EPA WAS TO GET INVOLVED. I TOLD THEM WE ALL HAVE A RESPONSIBILITY TO NOT LET THIS KIND OF THING HAPPEN AND NOT TO BE AFRAID TO COME FORWARD IF THEY KNEW IF SOMEONE WAS DUMPING OIL IN THE SCRAP CONTAINERS.

3

I THEN EXPLAINED THAT WE FIRST HAD TO PUMP AS MUCH OF THE OIL UP AS POSSIBLE AND PUT IT IN A DRUM IN CASE WE HAVE TO HAVE IT TESTED BEFORE DISPOSAL. AFTER WE GET ALL THAT IS POOLED UP, WE WILL THEN PUT THE SORBENT PADS DOWN TO SOAK AS MUCH OUT AOF, WE WILL AND GRAVEL AS POSSIBLE. IF THE PADS SOAK OF A DROWN TO SOAK AS

AT APPROXIMATELY 11:00 AM, WE BEGAN THE CLEAN UP BY PUMPING AND THE PLACING OF THE PADS. I TOOK MORE PHOTOS AS THE WORK BEGAN. I MONITORED THE CLEAN UP UNTIL 12:30 PM. I WENT HOME FOR A WHILE AND TOLD MR. WEBB I WOULD RETURN AROUND 3:00 PM TO CHECK THE PROGRESS. AT THAT TIME, I WOULD MAKE AN ASSESSMENT AS TO WHETHER IT WOULD BE NECESSARY TO CONTINUE IN THE EVENING AND POSSIBLY ON SUNDAY.

I RETURNED TO THE PLANT AT APPROXIMATELY 3:05 FM. I WENT STRAIGHT TO THE CLEAN UP SITE TO CHECK PROGRESS. I FOUND LESS JACKMAN CONTINUING THE CLEAN UP. ALL OF THE POOLED OIL HAD BEEN PUMPED UP AND PADS WERE DOWN FOR SOAKING. HE ALSO WAS PLACING EXTRA PADS AT THE CORNER OF THE MOST EAST SCRAP CONTAINER. IT HAD WHAT APPEARED TO BE NON OIL LUBRICANT DRIPPING OUT OF IT ON THE END. WE THINK IT WAS RUN OFF FROM THE SCRAP STEEL IN THE CONTAINER.

I THEN PHOTOGRAPHED THE AREA WITH THE PADS DOWN. I NOTICED THAT THE PADS REALLY WEREN'T SOAKING THAT MUCH OIL OUT OF THE DIRT AND GRAVEL AND REPEATED WALKING ON THEM DID NOT PRODUCE MUCH MORE ABSORBING. LES THEN TOOK A RAKE AND SCRAPED DOWN INTO THE DIRT IN SEVERAL AREAS TO SEE IF MUCH HAD SOAKED INTO THE GROUND. THE GROUND WAS VERY HARD AND DIFFICULT TO SCRAPE (DUE TO A LOT OF TRAFFIC OVER THE YEARS). EACH PLACE SCRAPED, SHOWED VERY LITTLE IF ANY ABSORBING IN THE GROUND. I TOLD MR. JACKMAN THAT SINCE WE HAD USED MOST OF OUR PADS AND IT DID NOT APPEAR WE WOULD BE ABLE TO SOAK UP MUCH AT ALL FROM THE GROUND, WE MIGHT AS WELL TAKE THEM UP AROUND 5:00 PM. AT THAT POINT, I REALLY WOULD LIKED TO HAVE LEFT THEM OVERNIGHT, BUT IT JUST DID NOT APPEAR THE PADS WOULD REALLY BE ANYMORE EFFECTIVE. ALSO, THE BREEZE WAS PICKING UP AND THE PADS DID NOT HAVE ENOUGH

SOAKED INTO THEM TO HOLD THEM DOWN. TO LEAVE THEM OVERNIGHT WOULD HAVE ALLOWED MANY OF THEM TO PROBABLY BLOW AWAY.

I TOOK MORE PICTURES OF THE CLEAN UP AT APPROXIMATELY 5:00 PM. WHILE MR. JACKMAN WAS TAKING UP THE PADS. I ASKED HIM TO LEAVE DOWN ANY PADS THAT HAD ENOUGH OIL ON THEM TO HOLD THEM DOWN. I ALSO INSTRUCTED HIM TO TAKE SEVERAL PADS TO THE CORNER OF THE SCRAP CONTAINER THAT WAS DRIPPING SO WE COULD SOAK UP AND CONTAIN THAT OVERNIGHT. I THEN LEFT FOR HOME AGAIN AND TOLD MR. JACKMAN HE COULD LEAVE WHEN FINISHED.

I AGAIN RETURNED TO THE PLANT AT APPROXIMATELY 8:15 PM TO CHECK THE SITE FOR ANY ADDITIONAL POOLING OF OIL. THERE APPEARED TO BE NONE. I BELIEVE THAT WE CLEANED UP AS MUCH AS IT WAS POSSIBLE TO DO.

AT THIS POINT, IT IS EVIDENT WE HAVE A SERIOUS PROBLEM IN THIS AREA. NO DOUBT, NON OIL LUBRICANT FROM THE PRESSES ARE RUNNING OFF THE SCRAP MATERIAL IN THE CONTAINERS AND THEN RUNNING OUT AT THE BOTTOM ON THE LOW ENDS. ALSO, ACCORDING TO SOME OF THE FPO EMPLOYEES, KROOT SOMETIMES LIFT THE CONTAINERS IN THE AIR AND TILTS THEM TO ALLOW IT TO RUN OUT ON THE GROUND BEFORE REMOVING. ALSO, IT APPEARS THAT SOMEHOW, OIL (PROBABLY HYDRAULIC) IS GETTING IN THE CONTAINERS AS WELL. IN ADDITION TO ALL THIS, THERE WERE SIGNS ON THE CONCRETE PAD THAT FLOOR SCRUBBER WASTE WATER HAD BEEN DUMPED AND ALLOWED TO RUN OFF THE PAD ONTO THE GROUND. REGARDLESS, WE CANNOT ALLOW ANYTHING TO BE POURED OUT ONTO THE GROUND OR LEFT WHERE IT CAN EVENTUALLY RUN ONTO THE GROUND, WHETHER IT IS OIL OR NON OIL. OF COURSE, OIL WOULD BE A MORE SERIOUS PROBLEM FOR US.

I WILL RETURN SUNDAY TO INSPECT THE SITE AGAIN.

SUNDAY, JUNE 18, 1995

MR. WEBB CALLED ME AT HOME EARLY THIS AFTERNOON. HE HAD BEEN BACK TO THE SITE AND REPORTED THAT THERE WAS NO MORE POOLING OR ACCUMULATION OF OIL AND THAT A FEW PADS WERE STILL DOWN. I CAME BACK BY THE PLANT AND PHOTOGRAPHED THE SITE AGAIN AT 5:45 PM. IT APPEARED MUCH THE SAME AS IT HAD ON SATURDAY EVENING.

MONDAY, JUNE 19, 1995

I REPORTED THE WEEKEND PROGRESS TO BOB ELLIOTT AND LEW DEWITT. I THEN PLACED A CALL AND LEFT A MESSAGE FOR LISTON HINSON, ASKING HIM TO COME BY AND ADVISE. HE LATER RETURNED THE CALL AND SAID HE WOULD BE AT OUR PLANT SOON.

}

UPON ARRIVAL TO OUR PLANT, MR. HINSON REVIEWED ALL PHOTOGRAPHS AND MY WRITTEN REPORT UPDATED TO THAT TIME. WE THEN PROCEEDED TO THE SITE FOR HIS INSPECTION. HE AGREED THAT PROBABLY NOT MUCH COULD HAVE ACTUALLY PENETRATED INTO THE GROUND AND THAT MOST OF THE RESIDUE APPEARED TO BE NON OIL. HOWEVER, HE ADVISED THAT THE WISEST THING TO DO WOULD BE TO GO AHEAD AND TAKE THE TOP LAYER OF DIRT UP AND REPLACE. WE SHOULD FIRST HAVE SURFACE SOIL SAMPLES TAKEN, REMOVE THE DIRT AND CONTAINER IT UNTIL TEST RESULTS WERE BACK.

MR. HINSON SAID THAT IT WOULD NOT BE NECESSARY TO NOTIFY EPA IN THIS CASE BECAUSE: THE SPILL WAS CONTAINED, IT WAS NOT A HAZARDOUS MATERIAL AND THERE WAS NO ENTRY INTO ANY WATERWAY. WE STILL SHOULD TAKE THE ABOVE MENTIONED PRECAUTIONS HOWEVER TO SHOW GOOD FAITH AND THAT ACTION WAS TAKEN IF THERE WAS AN EPA INQUIRY. ALSO, HE SAID WE COULD TAKE THE APPROXIMATELY ONE THIRD DRUM OF OIL OR NON OIL THAT WE HAD VACUUMED UP AND PUT IN OUR WASTE OIL BULK TANK FOR DISPOSAL. THE SORBENT PADS HAD SUCH LITTLE OIL ON THEM, HE FELT WE WERE SAFE TO PUT IN OUR TRASH SINCE WE COMPACT IT AND IT IS THEN INCINERATED.

AS WE WALKED AROUND THE OUTSIDE OF THE PLANT TRAVELING BACK TO MY OFFICE, I SHOWED HIM ANOTHER SIMILAR, BUT SMALLER PROBLEM AT ONE OF THE SCRAP CONTAINERS BEHIND THE TUBE MILL. HE SUGGESTED WE TAKE THAT TOP LAYER OF SOIL UP AS WELL WHEN WE DO THE OTHER SITE JUST TO BE SAFE, AND CONTAINER IT WITH THE OTHER SOIL. BEFORE LEAVING, LISTON SAID HE WOULD NOTIFY ME REGARDING SOMEONE TO TEST AND PROVIDE A CONTAINER. PROBABLY WE WOULD HAVE RUMPKE PROVIDE THE CONTAINER.

LATER IN THE MORNING, MR. HINSON CALLED ME AND GAVE ME CONTACTS WITH RUMPKE TO OBTAIN CONTAINERS FOR THE DIRT AND SIECO, INC. TO HAVE SOIL SAMPLES TAKEN. WE SHOULD HAVE THEM DO "PPH", "B/TEX" AND "TOTAL LEAD" TESTS. MR. JEFF ERNEST WAS CONTRACTED BY FFO TO DO THE DIRT AND GRAVEL REMOVAL AND THE ADDING OF NEW GRAVEL. I THEN ORDERED CONTAINERS FROM RUMPKE WHO SAID THEY COULD HAVE ONE CONTAINER THE NEXT DAY. I ALSO CALLED SIECO AND THEY SAID THEY WOULD HAVE SOMEONE HERE THE NEXT DAY TO SAMPLE THE SOIL.

WHILE IN THE PROCESS OF MAKING THESE CALLS, MR. WEBB CALLED ME AND TOLD ME THAT KROOT HAD COME IN TO PICK UP ONE OF THE SCRAP CONTAINERS, THE ONE ON THE EAST END THAT HAD LEAKED SO

BADLY. AS THEY ELEVATED THE CONTAINER, THEIR LIFT BROKE AND THE BACK END OF THE CONTAINER DROPPED TO PAD. THE REST OF THE LUBRICANT THAT WAS STILL IN THE CONTAINER THEN RAN TO THAT END AND OUT ONTO THE PAD, THEN RIGHT BACK ONTO THE GROUND WE HAD CLEANED UP. I WENT BACK TO THE SITE AT 11:30 AM AND AGAIN PHOTOGRAPHED. IT WAS OBVIOUSLY NON OIL LUBRICANT. BY 2:15 PM, THIS ALSO WAS VACUUMED UP AND PADDING PLACED DOWN TO SOAK UP THE REMAINDER.

TUESDAY, JUNE 20, 1995

SINCE THE SITE WAS CLEANED AS WELL AS COULD BE AND IT DID NOT POSE A THREAT, WE WAITED UNTIL SOIL SAMPLES WERE TAKEN BEFORE THE REMOVAL OF DIRT AND GRAVEL. AT 2:00 PM, KAREN STILLABOWER, OF SIECO, INC., ARRIVED AND TOOK THREE SOIL SAMPLES. I PHOTOGRAPHED THIS PROCESS ALSO. WE SELECTED THREE OF THE WORST AREAS WE COULD FIND AND SHE OBTAINED HER SAMPLES FROM THESE, PLACING THEM INTO GLASS JARS. I ASKED THAT THEY DO THE ABOVE MENTIONED TESTS.

#### WEDNESDAY, JUNE 21, 1995

JEFF ERNEST BEGAN THE DIRT AND GRAVEL REMOVAL AT APPROXIMATELY 9:00 AM. I ARRIVED AT THE SITE AT 9:45 AM AND PHOTOGRAPHED THE REMOVAL THROUGH 11:30 AM. TO BE SAFE, HE DUG DEEPER AT THE EDGE OF THE CONCRETE PAD AND TAPERED HIS WAY OUT IN DEPTH AWAY FROM THE PAD, REMOVING TO THE LEVEL HE DETECTED DISCOLORATION AND JUST A LITTLE DEEPER. JUST A FEW FEET FROM THE PAD, THE GROUND WAS VERY HARD AND THERE APPEARED TO BE LITTLE IF ANY ABSORPTION.

BY 2:15 PM, HE HAD MOST OF THE REMOVAL DONE. I PHOTOGRAPHED THE CONTAINER THAT HE PUT THE DIRT IN AND OTHER DIRT PILED ON THE GROUND AS RUMPKE COULD NOT GET AN ADDITIONAL CONTAINER UNTIL THE NEXT DAY. THE PILE WAS COVERED WITH A TARP. BY 4:15 PM, MR. ERNEST HAD MOST OF THE NEW STONE DOWN AND WAS COMPACTING IT. HE ORDERED ADDITIONAL STONE TO FINISH FILLING FOR TOMORROW.

#### THURSDAY, JUNE 22, 1995

MR. ERNEST FINISHED THE NEW STONE BY 12:15 PM AND I PHOTOGRAPHED THE COMPLETED JOB ALONG WITH THE TWO ADDITIONAL RUMPKE CONTAINERS THAT HAD BEEN USED TO HOLD THE CONTAMINATED PILE FROM THE DAY BEFORE.

BY 1:00 PM, HE HAD MOST OF THE SMALLER AREA BY THE TUBE MILL DUG OUT. THIS WAS PLACED IN THE CONTAINERS WITH THE OTHER

.

CONTAMINATED DIRT AND GRAVEL. HE PUT THE REMAINDER OF NEW STONE DOWN IN THIS AREA. I ALSO PHOTOGRAPHED THE BEFORE AND AFTER ALONG THIS PAD, WITH THE FINAL PICTURE BEING TAKEN AT 7:30 AM ON FRIDAY, JUNE 23. WE WILL NOW WAIT FOR THE RESULTS OF OUR SOIL SAMPLES TO FIND WHAT WE MUST DO WITH OUR CONTAINERS OF DIRT AND GRAVEL.

).

JOHN MCBEATH