



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Commissioner

### RCRA CORRECTIVE ACTION PROGRAM

#### STATEMENT OF BASIS

January 2024

Phoenix Michigan City Industrial Investors LLC  
(Formerly Federal-Mogul Corporation and Federal-Mogul Motorparts LLC)  
402 Royal Road  
Michigan City, Indiana  
U.S. EPA ID. IND 016520017

#### I. INTRODUCTION

Under the Resource Conservation and Recovery Act (RCRA), all permitted and interim status hazardous waste treatment, storage, or disposal facilities are required to conduct corrective action for any releases of hazardous waste or hazardous constituents at or from their facilities.

This Statement of Basis is issued by the Indiana Department of Environmental Management (IDEM), regarding Phoenix Michigan City Industrial Investors LLC (formerly Federal-Mogul Corporation and Federal-Mogul Motorparts LLC), 402 Royal Road, Michigan City, Indiana. IDEM has determined that no further corrective action is necessary for any of the identified Solid Waste Management Units (SWMUs) or Areas of Concern (AOCs) at this facility.

IDEM is issuing this Statement of Basis as part of its public participation responsibilities under RCRA Corrective Action Program guidance and is using the administrative procedures found in 40 CFR Part 270, as adopted by reference, to provide public notice and solicit comments. The public notice period is hereby announced and will continue for 30 days from the published date of the Public Notice in the LaPorte County Herald-Dispatch.

This Statement of Basis summarizes information found in greater detail in the work plans, reports, or other documents in this facility's administrative record, which can be accessed via IDEM's Virtual File Cabinet (VFC). IDEM encourages the public to review these documents in order to gain a more comprehensive understanding of the facility and the activities that have been conducted under RCRA authority. IDEM may modify this corrective action determination or select another remedy based on public comments or new information obtained.



Visit [on.IN.gov/survey](https://on.IN.gov/survey) or scan the QR code to provide feedback.

*We appreciate your input!*





This determination will complete the corrective action process under the RCRA Corrective Action Program for this facility. The facility must continue to comply with all applicable parts of RCRA.

## II. FACILITY BACKGROUND

In 1961, InterRoyal Corporation purchased the 67-acre parcel and developed it for the manufacturing of office furniture. Development of the site included the construction of a manufacturing facility and a 1.6-acre surface impoundment for storm water and wastewater. The InterRoyal operations included painting and electroplating.

In September 1982, InterRoyal sold the property to Schaeffer, Inc. Schaeffer leased a portion of the facility to American Royal, Inc., which used the facility to manufacture office furniture. On November 10, 1983, Schaeffer initiated closure of a surface impoundment as a landfill.

The Anderson Company of Indiana purchased the property from Schaeffer in July 1984. At that time, the Anderson Company moved production of its ANCO Products Division from Gary, Indiana, to the site. American Royal continued to lease a portion of the facility until 1985 but did not conduct electroplating during their tenure at the site.

Following the purchase of the property by Anderson Company in July 1984, the plant was used for the manufacture and assembly of windshield wiper blades. The manufacturing processes included punch pressing, alkaline degreasing, blackening, electrocoating, plastic forming, vibratory finishing, burnoff, painting, latex boot molding, and die casting. The latex boot molding operation was shut down in 2007 and the die casting and paint operations were shut down in 2008.

The principal materials utilized in the wiper blade production process included sheet metal, plastic, and rubber. Phosphoric acid was utilized in the finishing and coating processes. Other materials used at the plant included hydraulic oils, cutting oils, detergents, sodium hydroxide and sulfuric acid for wastewater treatment, chlorine gas, and mineral spirits and methyl ethyl ketone for parts cleaning. Chlorinated solvent use (e.g., trichloroethylene [TCE], tetrachloroethylene, and 1,1,1-trichloroethane) was discontinued in 1984. Zinc, latex, zinc phosphate, and paint were all phased out of the manufacturing process between 2007 and 2008. Chromic acid and nickel phosphate were phased out before 2009.

Cooper Industries took ownership of the property in 1989. The site was later purchased by Federal-Mogul Corporation in 1999. The facility changed its name to Federal-Mogul Motorparts LLC (successor to Federal-Mogul Corporation) in 2020. Phoenix Michigan City Industrial Investors LLC became owner/operator of the facility in December 2022.

## III. SITE ASSESSMENT

IDEM has evaluated the following SWMUs and AOCs located at the facility:

SWMU 1	Satellite Accumulation Area (SAA) #1
SWMU 2	Satellite Accumulation Area (SAA) #2
SWMU 3 (SWMA A)	Satellite Accumulation Area (SAA) #3



	(SWMA A)	Paint Mixing Room
SWMU 4	(SWMA B)	Satellite Accumulation Area (SAA) #4
	(SWMA B)	Packaging Machine Process
SWMU 5	(SWMA C)	Satellite Accumulation Area (SAA) #5
	(SWMA C)	Rubber Extrusion Line Process
SWMU 6	(SWMA D)	Satellite Accumulation Area (SAA) #6
	(SWMA D)	Maintenance Room
SWMU 7	(SWMA E)	Satellite Accumulation Area (SAA) #7
	(SWMA E)	E-Coat 2 Paint Area
SWMU 8		Satellite Accumulation Area (SAA) #8
SWMU 9		<90 day HW Container Storage Building
SWMU 10		Medical Waste Storage Area
SWMU 11		Outside Canopy Solid Waste Storage Area
SWMU 12		PCB Transformer Area
SWMU 13		Shipping Dock Solid Waste Storage Area
SWMU 14		HW Landfill (former Surface Impoundment)
SWMU 15	(SWMA G)	Removal Dry Well
SWMU 16	(SWMA G)	Closed Product Solvent UST Area 2
SWMU 17	(SWMA G)	Former HW and Product Drum Storage Pad
SWMU 18		Waste Oil Collection Centers
SWMU 19		E-Coat 2 Chrome Reduction Unit
SWMU 20		E-Coat 1 Chrome Reduction Unit
SWMU 21		Mix Basin - Wastewater Treatment
SWMU 22	(SWMA G)	Boot Room
SWMU 23		Die Cast Area
SWMU 24		Sludge Press Area
SWMU 25		Sludge Dumpster Storage Area
SWMU 26		Aqueous Degreaser Area
SWMU 27		Blackening Process Area
SWMU 28		Blasting Area
SWMU 29		Parts Washers
SWMU 30		Packing Materials Solid Waste Areas
SWMU 31	(SWMA H)	Clear Well
SWMU 32	(SWMA H)	Clarifier – Wastewater Treatment
SWMU 33	(SWMU H)	Sludge Pit
SWMU 34		Mix Basin Chemical Feed Room
SWMU 35		Wastewater Treatment Plant
SWMU 36		Hazardous Waste Container Storage Area
SWMU 37		E-Coat 1 Process Area
SWMU 38		E-Coat 2 Process Area
SWMU 39		Wiper Test Area
SWMU 40		Hazardous Materials Receiving Dock
SWMU 41		Rubber Room
SWMU 42		Aerosol Can Residue Area
SWMU 43		Sludge Pad
SWMU 44		Outfall Point Source 1
SWMU 45	(SWMA F)	Satellite Accumulation Area #2 (Assembly Area)
AOC 1		Former Subgrade Trench
AOC 2		Former Heating Oil UST
AOC 3		Former Acid UST



AOC 4  
AOC 5

Former Virgin Oil AST  
Former Diesel Fuel AST

#### IV. SUMMARY OF THE CORRECTIVE ACTION DETERMINATION

Based on the administrative record, IDEM is proposing no further action for all of the identified SWMUs and AOCs. IDEM recommends that a Corrective Action Complete with Controls determination be issued for the former Federal-Mogul facility. "With Controls" reflects that an Environmental Restrictive Covenant (ERC) (VFC# 83405835) is attached to facility's property deed to protect from any unacceptable environmental exposures.

#### V. PUBLIC PARTICIPATION

The public is encouraged to review and submit written comments on this proposed determination, particularly if you are aware of past spills and/or releases that have occurred at this facility. You may request IDEM hold a public hearing. At a public hearing, you would have the opportunity to submit oral or written comments. If a public hearing is held, IDEM will make a separate announcement of the date, time, and location of that hearing 30 days in advance.

The Public Notice and the administrative record are available for review on IDEM's Virtual File Cabinet. To view these documents, go to <http://vfc.idem.in.gov/>. After checking the "I'm not a robot" box, select "Document ID" from the Alternate Field drop-down menu and then enter the document number in the ID # cell. VFC document numbers are provided in Section VI. for the primary documents IDEM used to support this decision.

Before taking final action, IDEM will give full consideration to all significant and relevant comments received. IDEM will summarize the comments and its responses to the comments and announce its decision in a Final Decision/Response to Comments document. This document will be incorporated into the administrative record. To send written comments or obtain further information, contact:

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VI. REFERENCES

	<u>VFC #</u>
RCRA Facility Assessment Report (March 1995)	80052168
Current Conditions Report (May 2002)	43446967
Revised Risk Assessment (April 2011)	61658317
Revised RAA GW Monitoring Plan (September 2013)	68940509
GW and SW Monitoring Plan Approval (with mods) (December 2013)	69370287
RAA GW and SW Monitoring Final Report (2021)	83200430
IDEM RAA GW and SW Monitoring Completion Letter (October 2021)	83230232
Final Vapor Intrusion Monitoring Report (December 2020)	83085846
IDEM's VI Evaluation Letter (January 2021)	83092931
Environmental Restrictive Covenant (December 2022)	83405835
RCRA Post-Closure Permit (March 2023)	83442873, 83442800