



March 25, 2022

CERTIFIED MAIL  
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Division Director  
Materials Management Division, Hazardous Waste Section  
Michigan Department of Environment, Great Lakes, and Energy (EGLE)  
P.O. Box 30241  
Lansing, MI 48909-7741

**PART 111 RCRA HAZARDOUS WASTE OPERATING LICENSE RE-APPLICATION  
SUBMITTAL FROM DOW SILICONES CORPORATION MIDLAND, MI EPA ID: MID 000 809  
632**

Enclosed are three hard copies and one electronic copy of the Dow Silicones Corporation Midland Plant Site Hazardous Waste Management Facility Operating License Re-application packages.

**Facility Information:**

Dow Silicones Corporation  
3901 South Saginaw Road  
Midland, Michigan 48640  
EPA ID: MID 000 809 632

I certify under penalty of law that this document and all the attachments were prepared under my direction or supervision according to 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 or imprisonment for knowing violations. (40 CFR 270.11)

Please contact Brad Kischnick at 989-638-9602 or email [Kischnick@dow.com](mailto:Kischnick@dow.com) if you have any questions regarding the enclosed documents.

A handwritten signature in black ink, appearing to read "Jaume Sariol", written over a circular stamp or seal.

Jaume Sariol  
Michigan Operations Site Director  
1790 Building, Washington Street  
Midland, MI 48674



MICHIGAN DEPARTMENT OF  
 ENVIRONMENT, GREAT LAKES, AND ENERGY  
 MATERIALS MANAGEMENT DIVISION  
**SITE IDENTIFICATION FORM**

**You must save this file to your computer before completing the form**  
*Required under authority of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Failure to submit this information may result in civil or criminal penalties*

**1. Reason for Submittal (Select only one)**

|                                     |  |
|-------------------------------------|--|
| <input type="checkbox"/>            | Obtaining an initial United States Environmental Protection Agency (EPA) Identification (ID) number, as a <b>new site or new owner</b> , for an on-going regulated activity that will continue for a period of time. <b>FEES DO NOT APPLY TO LIB ONLY SITES. 1. Pay the \$50 fee on-line</b> using MasterCard, VISA, or Discover Card at <a href="https://www.thepayplace.com/mi/deq/siteid">https://www.thepayplace.com/mi/deq/siteid</a> . <b>2. E-mail the form</b> , with a copy of the fee receipt, to <a href="mailto:EGLE-MMD-Site-ID-Reporting@Michigan.gov">EGLE-MMD-Site-ID-Reporting@Michigan.gov</a> ; or, <b>Mail the form with check</b> payable to the <b>State of Michigan</b> to: Michigan Department of Environment, Great Lakes and Energy (EGLE), Cashier's Office—HWUC, P.O. Box 30657, Lansing, Michigan 48909-7741. |
| <input type="checkbox"/>            | Submitting a subsequent notification to change, update, or verify site information for an existing owner of a site with a previously issued Site ID number. E-mail to <a href="mailto:EGLE-MMD-Site-ID-Reporting@Michigan.gov">EGLE-MMD-Site-ID-Reporting@Michigan.gov</a>   |
| <input type="checkbox"/>            | * NOTIFYING that <b>SITE IS STILL IN BUSINESS AND NO LONGER GENERATING WASTE (end date required)</b> _____<br>Authorized Signature _____ Date _____<br>* E-mail completed pages 1-2 to <a href="mailto:EGLE-MMD-Site-ID-Reporting@Michigan.gov">EGLE-MMD-Site-ID-Reporting@Michigan.gov</a>  |
| <input type="checkbox"/>            | *NOTIFYING that <b>SITE IS OUT OF BUSINESS AND NO LONGER GENERATING WASTE (end date required)</b> _____<br>Authorized Signature _____ Date _____<br>*E-mail completed pages 1-2 to <a href="mailto:EGLE-MMD-Site-ID-Reporting@Michigan.gov">EGLE-MMD-Site-ID-Reporting@Michigan.gov</a>  |
| <input type="checkbox"/>            | Site was a TSD facility and/or generator of less than 1,000 kilograms (kg) of hazardous waste, less than 1 kg of acute hazardous waste, or 100 kg of acute hazardous waste spill cleanup in one or more months of the reporting year.  |
| <input type="checkbox"/>            | Obtaining or updating an EPA ID number for conducting Electronic Manifest Broker activities.   |
| <input checked="" type="checkbox"/> | Submitting a new or revised Part A Form.   |
| <input type="checkbox"/>            | Submitting as a component of the Hazardous Waste Biennial Report.  |

**2. Site EPA ID Number**

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M | I | D | 0 | 0 | 0 | 8 | 0 | 9 | 6 | 3 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

**3. Site Legal Name**

DOW SILICONES CORPORATION

**4. Site Specific Name**

DOW SILICONES CORPORATION

**5. Site Location Address**

|   |                    |                       |
|---|--------------------|-----------------------|
| Street Address <b>3901 S SAGINAW ROAD</b> |                    |                       |
| Street Address (room/suite/mail code)     |                    |                       |
| City, Town, or Village <b>MIDLAND</b>     |                    | County <b>MIDLAND</b> |
| State <b>MICHIGAN</b>                     | Country <b>USA</b> | Zip Code <b>48640</b> |

**6. Site Mailing Address**

Same as Location Address

|   |                   |                       |
|---|-------------------|-----------------------|
| Street Address <b>Michigan Operations, 1790 Building, Washington Street</b> |                   |                       |
| Street Address (room/suite/mail code)                                       |                   |                       |
| City, Town, or Village <b>Midland</b>                                       |                   | County <b>Midland</b> |
| State <b>MI</b>   | Country <b>US</b> | Zip Code <b>48674</b> |

**7. Federal Tax ID # (required)**

**38XXXXX75**

**8. Site Land Type (check one)**

|  |                                    |                                      |                                     |                                    |                                       |                                   |                                   |
|--|------------------------------------|--------------------------------------|-------------------------------------|------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|
| Private<br><input checked="" type="checkbox"/> | County<br><input type="checkbox"/> | District<br><input type="checkbox"/> | Federal<br><input type="checkbox"/> | Tribal<br><input type="checkbox"/> | Municipal<br><input type="checkbox"/> | State<br><input type="checkbox"/> | Other<br><input type="checkbox"/> |
|--|------------------------------------|--------------------------------------|-------------------------------------|------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|

**9. North American Industry Classification System (NAICS) at least one 6-digit code REQUIRED**

|                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| <b>A 325212</b> | <b>B 325180</b> | <b>C 325199</b> | <b>D 325211</b> |
|-----------------|-----------------|-----------------|-----------------|

**10. Site Contact Information**

Same as Location Address

|   |                   |                            |
|---|-------------------|----------------------------|
| First Name <b>Brad</b>                                    | MI <b>A</b>       | Last Name <b>Kischnick</b> |
| Street Address <b>Michigan Operations - 1400 Building</b> |                   |                            |
| City, Town, or Village <b>Midland</b>                     |                   |                            |
| State <b>MI</b>   | Country <b>US</b> | Zip Code <b>48674</b>      |
| Email <b>Kischnick@dow.com</b>                            |                   |                            |
| Phone <b>989-638-9602</b>                                 | Ext               | Fax                        |

**11. Name of Site's Legal Owner (Company or Individual)**

Change in Ownership

Approximate date became owner 06/01/2016

Same as Site Mailing Address

|   |                   |                       |
|---|-------------------|-----------------------|
| Full Name <b>Dow Silicones Corporation</b>    |                   |                       |
| Street Address <b>2200 West Salzburg Road</b> |                   |                       |
| City, Town, or Village <b>Auburn</b>          |                   |                       |
| State <b>MI</b>                               | Country <b>US</b> | Zip Code <b>48611</b> |
| Email <b>Kischnick@dow.com</b>                |                   |                       |
| Phone <b>989-638-9602</b>                     | Ext               | Fax                   |

11(b) Name of Site's Legal Operator (Company or Individual)  Change in Operator  
 Approximate date became operator 06/01/2016  Same as Site Specific Name/Address

|                        |         |          |
|------------------------|---------|----------|
| Full Name              |         |          |
| Street Address         |         |          |
| City, Town, or Village |         |          |
| State                  | Country | Zip Code |
| Email                  |         |          |
| Phone                  | Ext     | Fax      |

**Hazardous Waste Activities (Please complete all questions)**

12. Type of Regulated Waste Activity Date Activity Began 06/01/2016

|  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 1. Generator of Hazardous Waste – If "Yes", mark only one of the following:   |   |
| <input checked="" type="checkbox"/>                              | <b>Large Quantity Generator (LQG)</b>   | -Generates, in any calendar month (includes quantities imported by importer site), 1,000 kg per month (mo) (2,200 pounds (lb)/mo) or more of non-acute hazardous waste; or<br>-Generates, in any calendar month or accumulates at any time, more than 1 kg/mo (2.2 lb/mo) of acute hazardous waste; or<br>-Generates, in any calendar month or accumulates at any time, more than 100 kg/mo (220 lb/mo) of acute hazardous spill cleanup material |
| <input type="checkbox"/>   | <b>Small Quantity Generator (SQG)</b>   | 100 to 1,000 kg/mo (220 to 2,200 lb/mo) of non-acute hazardous waste, and no more than 1 kg (2.2 lb) of acute hazardous waste, and no more than 100 kg (220 lb) of any acute hazardous spill cleanup material   |
| <input type="checkbox"/>   | <b>Very Small Quantity Generator (VSQG)</b>   | Less than, or equal to, 100 kg/mo (220 lb/mo) of non-acute hazardous waste  |
| <b>Please answer all questions</b>                               |   |   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 2. Short Term Generator (generates from a short-term or one-time event and not from on-going processes). If "Yes" provide an explanation in the Comments Section. |   |
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 3. Treater, Stores or Disposer of Hazardous Waste – Hazardous waste Part B permit is required for these activities  |   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 4. Receives Hazardous Waste from Off-site   |   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 5. Recycler of Hazardous Waste  |   |
|  | <input type="checkbox"/> who stores prior to recycling <input type="checkbox"/> who does not store prior to recycling   |   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 6. Exempt Boiler and/or Industrial Furnace – If "Yes", mark all that apply.   |   |
|  | <input type="checkbox"/> Small Quantity On-site Burner Exemption  |   |
|  | <input type="checkbox"/> Smelting, Melting, and Refining Furnace Exemption  |   |

**Waste Codes for Federally Regulated Hazardous Waste.** Please list the waste codes of the Federal Hazardous Wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D002, F007, U112). Use an additional page if more spaces are needed.

|              |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|
| See attached |  |  |  |  |  |  |
|              |  |  |  |  |  |  |
|              |  |  |  |  |  |  |
|              |  |  |  |  |  |  |
|              |  |  |  |  |  |  |

**Waste Codes for State Regulated (non-Federal) Hazardous Waste.** Please list the waste codes of the State Hazardous Wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

|              |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|
| See attached |  |  |  |  |  |  |
|              |  |  |  |  |  |  |
|              |  |  |  |  |  |  |
|              |  |  |  |  |  |  |
|              |  |  |  |  |  |  |

**13. Additional Regulated Waste Activities**

**Other Waste Activities**

|  |  |
|--|--|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | <b>Transporter of Hazardous Waste – If “Yes”, mark all that apply. (May require permits or registration)</b> |
|  | <input type="checkbox"/> Transporter   |
|  | <input type="checkbox"/> Transfer Facility (at your site)  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Commingle Waste  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Off Loads During Transportation  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Underground Injection Control  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | United States Importer of Hazardous Waste  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Recognized Trader – If “Yes”, mark all that apply  |
|  | <input type="checkbox"/> Importer  |
|  | <input type="checkbox"/> Exporter  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Importer/Exporter of Spent Lead-Acid Batteries (SLABs under R 299.9804) – If “Yes”, mark all that apply.     |
|  | <input type="checkbox"/> Importer  |
|  | <input type="checkbox"/> Exporter  |

**Universal Waste Activities**

|  |   |
|--|---|
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) – If "Yes", mark all that apply. Note: Refer to state regulations to determine what is regulated. |
|  | <input checked="" type="checkbox"/> Batteries   |
|  | <input type="checkbox"/> Pesticides   |
|  | <input checked="" type="checkbox"/> Thermostats   |
|  | <input checked="" type="checkbox"/> Mercury Switches  |
|  | <input checked="" type="checkbox"/> Mercury Thermometers  |
|  | <input checked="" type="checkbox"/> Devices containing elemental mercury  |
|  | <input checked="" type="checkbox"/> Electric Lamps  |
|  | <input type="checkbox"/> Pharmaceuticals  |
|  | <input checked="" type="checkbox"/> Consumer Electronics  |
|  | <input checked="" type="checkbox"/> Antifreeze as defined in R 299.9101   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Destination Facility of Universal Waste (a hazardous waste permit may be required for this activity)  |

**Used Oil Activities**

|  |  |
|--|--|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Used Oil Transporter – If "Yes", mark all that apply.  |
|  | <input type="checkbox"/> Transporter   |
|  | <input type="checkbox"/> Transfer Facility (at your site)  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Used Oil Processor and/or Re-refiner – If "Yes," mark all that apply.  |
|  | <input type="checkbox"/> Processor Date Activity Began:  |
|  | <input type="checkbox"/> Re-refiner Date Activity Began:   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Off-Specification Used Oil Burner Date Activity Began:   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Used Oil Fuel Marketer – If "Yes", mark all that apply.  |
|  | <input type="checkbox"/> Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner Date Activity Began: |
|  | <input type="checkbox"/> Marketer Who First Claims the Used Oil Meets the Specifications Date Activity Began:                                  |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Used Oil Collection or Aggregation Point   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Collection Center or Aggregation Point that accepts DIY Used Oil   |

**Liquid Industrial By-Product Activities**

|  |  |
|--|--|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Liquid Industrial By-Product Transporter – If "Yes", mark all that apply. (requires Permit & Registration) |
|  | <input type="checkbox"/> Transporter Date Activity Began:  |
|  | <input type="checkbox"/> Transfer Facility (at your site) Date Activity Began:                             |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Transports Own Waste. Date Activity Began:   |
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Liquid Industrial Waste By-Product Generator. Date Activity Began: 06/01/2016                              |
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | Liquid Industrial By-Product Designated Facility. Date Activity Began: 06/01/2016                          |

**14. Eligible Academic Entities with Laboratories - Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to R 299.9315.**

|  |   |
|--|---|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Opting into, or currently operating under, R 299.9315, for the management of hazardous wastes in laboratories. If "Yes", mark all that apply. NOTE: See the item-by-item instructions for definitions of types of eligible academic entities. |
|  | <input type="checkbox"/> College or University  |
|  | <input type="checkbox"/> Teaching Hospital that is owned by, or has a formal written affiliation with, a college or university  |
|  | <input type="checkbox"/> Non-profit Institute that is owned by, or has a formal written affiliation with, a college or university   |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Withdrawing from R 299.9315, for the management of hazardous wastes in laboratories.  |

**15. Episodic Generation**

|  |   |
|--|---|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category? If "Yes", you must fill out the Addendum for Episodic Generator. |
|--|---|

**16. LQG Consolidation of VSQG Hazardous Waste**

|  |   |
|--|---|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Are you an LQG notifying of consolidating VSQG hazardous waste under the control of the same person pursuant to R 299.9307(6)? If "Yes", you must fill out the Addendum for LQG Consolidation of VSQGs hazardous waste. |
|--|---|

**17. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) OR Entire Facility (Required)**

|  |   |
|--|---|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | LQG Site Closure of a Central Accumulation Area (CAA) or Entire Facility  |
|  | <input type="checkbox"/> Central Accumulation Area (CAA)                  |
|  | <input type="checkbox"/> Entire Facility                                  |
|  | Expected Closure date:  |
|  | Requesting new closure date:  |
|  | Date Closed:  |
| <input type="checkbox"/> Y <input type="checkbox"/> N            | In compliance with the closure performance standards R 299.9307(1)(k)     |
| <input type="checkbox"/> Y <input type="checkbox"/> N            | Not in compliance with the closure performance standards R 299.9307(1)(k) |

**18. Notification of Hazardous Secondary Material (HSM) Activity**

|  |  |
|--|--|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Are you notifying under R 299.9204(1) that you will begin managing, are managing, or will stop managing HSM under R 299.9204(1), R 299.9204(1)(aa – dd)? If "Yes", you must fill out the Addendum to the Site Identification Form for Managing Hazardous Secondary Material. |
|--|--|

**19. Electronic Manifest Broker**

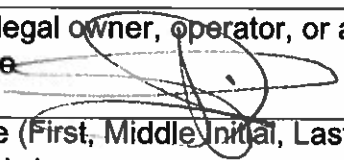
|  |  |
|--|--|
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | Are you notifying as a person, as defined in 40 CFR 260.10, electing to use the EPA electronic manifest system to obtain, complete, and transmit an electronic manifest under a contractual relationship with a hazardous waste generator? |
|--|--|

**20. Comments (include item number for each comment)**

|   |
|---|
| Description of hazardous wastes generated at facility is attached. EQP5150 Form required as part of the RCRA Permit Re-Application. |
|   |
|   |
|   |
|   |
|   |
|   |


**21. Certification:** 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 fines and imprisonment for knowing violations.

**Note: For the RCRA Hazardous Waste Part A Permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11).**

|   |  |
|---|--|
| Signature of legal owner, operator, or authorized representative<br> | Date (mm/dd/yyyy)<br><b>03/25/2022</b> |
| Printed Name (First, Middle Initial, Last)<br><b>Jaume Sariol</b>   | Title<br><b>Site Director</b>          |
| Email<br><b>JSariol@dow.com</b>   |  |

|  |                   |
|--|-------------------|
| Signature of legal owner, operator, or authorized representative | Date (mm/dd/yyyy) |
| Printed Name (First, Middle Initial, Last)                       | Title             |
| Email  |                   |



|  |   |
|--|---|
| United States Environmental Protection Agency<br><b>HAZARDOUS WASTE PERMIT PART A FORM</b> |  |
|--|---|

**1. Facility Permit Contact**

|            |                                 |     |          |           |                  |
|------------|---------------------------------|-----|----------|-----------|------------------|
| First Name | <b>Brad</b>                     | MI  | <b>A</b> | Last Name | <b>Kischnick</b> |
| Title      | <b>Environmental Specialist</b> |     |          |           |                  |
| Email      | <b>Kischnick@dow.com</b>        |     |          |           |                  |
| Phone      | <b>989-638-9602</b>             | Ext |          | Fax       |                  |

**2. Facility Permit Contact Mailing Address**

|                        |  |         |                      |          |              |
|------------------------|--|---------|----------------------|----------|--------------|
| Street Address         | <b>Michigan Operations - 1400 Building</b> |         |                      |          |              |
| City, Town, or Village | <b>Midland</b>                             |         |                      |          |              |
| State                  | <b>MI</b>                                  | Country | <b>United States</b> | Zip Code | <b>48674</b> |

**3. Facility Existence Date (mm/dd/yyyy)**

|                 |
|-----------------|
| <b>1/1/1943</b> |
|-----------------|

**4. Other Environmental Permits**

| A. Permit Type | B. Permit Number |          |          |          |          |          |          |          |          |          |          | C. Description |   |
|----------------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|---|
| <b>N</b>       | <b>M</b>         | <b>I</b> | <b>S</b> | <b>4</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |          |          |                | <b>NPDES Permit &amp; Certificate of Coverage</b> |
| <b>R</b>       | <b>M</b>         | <b>I</b> | <b>D</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>8</b> | <b>0</b> | <b>9</b> | <b>6</b> | <b>3</b> | <b>2</b>       | <b>RCRA Hazardous Waste Permit</b>                |
| <b>E</b>       | <b>M</b>         | <b>I</b> | <b>R</b> | <b>O</b> | <b>P</b> | <b>A</b> | <b>4</b> | <b>0</b> | <b>4</b> | <b>3</b> |          |                | <b>MI Renewable Operating Air Permit</b>          |
|                |                  |          |          |          |          |          |          |          |          |          |          |                |   |
|                |                  |          |          |          |          |          |          |          |          |          |          |                |   |
|                |                  |          |          |          |          |          |          |          |          |          |          |                |   |

**5. Nature of Business**

|  |
|--|
| <p><b>DOW SILICONES CORPORATION IS A CHEMICAL MANUFACTURER OF SILICONE BASED MATERIALS AND INTERMEDIATES: FLUIDS, LUBRICANTS, ELASTOMERS, SILANES AND RESINS</b></p> |
|--|

**6. Process Codes and Design Capacities**

| Line Number | A. Process Code |   |   | B. Process Design Capacity |                     | C. Process Total Number of Units | D. Unit Name      |
|-------------|-----------------|---|---|----------------------------|---------------------|----------------------------------|-------------------|
|             |                 |   |   | (1) Amount                 | (2) Unit of Measure |                                  |                   |
| 1           | S               | 0 | 2 | 60,000                     | G                   | 001                              | Tank Storage      |
| 2           | S               | 0 | 1 | 85,000                     | G                   | 001                              | Container Storage |
| 3           | D               | 8 | 0 | 453                        | A                   | 001                              | Landfill Disposal |
|             |                 |   |   |                            |                     |                                  |                   |
|             |                 |   |   |                            |                     |                                  |                   |

**7. Description of Hazardous Wastes** (Enter codes for Items 7.A, 7.C and 7.D(1) )

| Line No. | A. EPA Hazardous Waste No. |  |  |  | B. Estimated Annual Qty of Waste | C. Unit of Measure | D. Processes      |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |
|----------|----------------------------|--|--|--|----------------------------------|--------------------|-------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|-------------------|
|          |                            |  |  |  |                                  |                    | (1) Process Codes |   |   |  |  | (2) Process Description (if code is not entered in 7.D1) |  |  |  |  |  |  |  |  |  |                   |
| 1        |                            |  |  |  | 20,000,000                       | P                  | S                 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  | Tank Storage      |
| 2        |                            |  |  |  | 23,000,000                       | P                  | S                 | 0 | 2 |  |  |  |  |  |  |  |  |  |  |  |  | Container Storage |
| 3        |                            |  |  |  | 0                                | P                  | D                 | 8 | 0 |  |  |  |  |  |  |  |  |  |  |  |  | Landfill Disposal |
|          |                            |  |  |  |                                  |                    |                   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |
|          |                            |  |  |  |                                  |                    |                   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |
|          |                            |  |  |  |                                  |                    |                   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |
|          |                            |  |  |  |                                  |                    |                   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |
|          |                            |  |  |  |                                  |                    |                   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |
|          |                            |  |  |  |                                  |                    |                   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |                   |

**8. Map**

Attach to this application a topographical map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all spring, rivers, and other surface water bodies in this map area. See instructions for precise requirements.

**9. Facility Drawing**

All existing facilities must include a scale drawing of the facility. See instructions for more detail.

**10. Photographs**

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment, and disposal areas; and sites of future storage, treatment, or disposal areas. See instructions for more detail.

**11. Comments**

**See attachments for other permits, maps, facility drawings, photographs and a description of hazardous wastes generated at the facility.**



**HAZARDOUS WASTE GENERATED AND ACCEPTED AT THE FACILITY  
DOW SILICONES CORPORATION, MIDLAND, MICHIGAN**

| <b>Hazardous Waste Code</b> | <b>Waste Description</b>   | <b>Hazardous Waste Characteristics</b> | <b>Basis for Hazardous Designation</b> | <b>Hazardous Waste Management Unit</b>             |
|-----------------------------|--|--|--|--|
| D001                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; ignitable, acidic and corrosive wastes; discarded virgin raw materials | Ignitable                              | Flashpoint < 140°F                     | 809 Container Storage Area & 806 Tank Storage Area |
| D002                        | Ignitable and reactive liquids; lab packs; ignitable, acidic and corrosive wastes; discarded virgin raw materials                            | Corrosive                              | pH <= 2.0                              | 809 Container Storage Area & 806 Tank Storage Area |
| D003                        | Ignitable and reactive liquids and solids; lab packs; discarded virgin raw materials   | Reactive                               | Reacts with water                      | 809 Container Storage Area & 806 Tank Storage Area |
| D004                        | Ignitable and reactive liquids and solids; lab packs; discarded virgin raw materials   | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D005                        | Ignitable and reactive liquids and solids; lab packs; discarded virgin raw materials   | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D006                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials  | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |

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|-----------------------------|---|--|--|--|
| D007                        | Ignitable and reactive liquids and solids; lab packs; discarded virgin raw materials                                      | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D008                        | Ignitable and reactive liquids and solids; lab packs; discarded virgin raw materials                                      | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D009                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials   | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D010                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials   | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D011                        | Ignitable and reactive liquids and solids; lab packs; discarded virgin raw materials                                      | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D018                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; discarded virgin raw materials that contain Benzene | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |

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|-----------------------------|--|--|--|--|
| D019                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; discarded virgin raw materials that contain Carbon tetrachloride | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D021                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; discarded virgin raw materials that contain Chlorobenzene        | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D022                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; discarded virgin raw materials that contain Chloroform           | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D027                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials that contain 1,4-dichlorobenzene                             | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D035                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; discarded virgin raw materials that contain Methyl ethyl ketone  | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |

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DOW SILICONES CORPORATION, MIDLAND, MICHIGAN**

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|-----------------------------|--|--|--|--|
| D038                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials that contain Pyridine  | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D039                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes; discarded virgin raw materials that contain Tetrachloro-ethylene | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D040                        | Ignitable and reactive solids; lab packs; solvent wastes; discarded virgin raw materials that contain Trichloroethylene                | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D041                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials that contain 2,4,5-tri-chlorophenol                          | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| D042                        | Ignitable and reactive liquids; lab packs; discarded virgin raw materials that contain 2,4,6-trichlorophenol                           | Toxic                                  | Toxic by TCLP test                     | 809 Container Storage Area & 806 Tank Storage Area |
| F001                        | Ignitable lab packs; acidic corrosive lab packs; solvent wastes that contain spent halogenated solvents                                | Toxic                                  | Listed Waste                           | 809 Container Storage Area & 806 Tank Storage Area |

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DOW SILICONES CORPORATION, MIDLAND, MICHIGAN**

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|-----------------------------|--|--|--|--|
| F002                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes that contain spent halogenated solvents     | Toxic                                  | Listed Waste                           | 809 Container Storage Area & 806 Tank Storage Area |
| F003                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes that contain spent non-halogenated solvents | Ignitable                              | Listed Waste                           | 809 Container Storage Area & 806 Tank Storage Area |
| F004                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes that contain spent non-halogenated solvents | Toxic                                  | Listed Waste                           | 809 Container Storage Area & 806 Tank Storage Area |
| F005                        | Ignitable and reactive liquids and solids; lab packs; solvent wastes that contain spent non-halogenated solvents | Ignitable, Toxic                       | Listed Waste                           | 809 Container Storage Area & 806 Tank Storage Area |
| P005                        | Ignitable and reactive solids; lab packs that contain Allyl alcohol  | N/A                                    | Listed Waste                           | 809 Container Storage Area                         |
| P022                        | Ignitable and reactive solids; lab packs that contain Carbon disulfide   | N/A                                    | Listed Waste                           | 809 Container Storage Area                         |
| P120                        | Ignitable and reactive solids; lab packs that contain Vanadium pentoxide   | N/A                                    | Listed Waste                           | 809 Container Storage Area                         |



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|-----------------------------|--|--|--|--|
| U002                        | Ignitable and reactive solids; lab packs; discarded virgin raw materials that contain Acetone      | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U003                        | Ignitable and reactive solids; lab packs; discarded virgin raw materials that contain Acetonitrile | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U006                        | Acetyl chloride  | Combustible, Reactive and Toxic Waste  | Listed Waste                           | 809 Container Storage Area             |
| U008                        | Acrylic acid   | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U009                        | Acrylonitrile  | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U018                        | Benz[a]anthracene  | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U019                        | Benzene  | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U031                        | 1-Butanol  | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U035                        | Chlorambucil   | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U037                        | Chlorobenzene  | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U040                        | Chlorodibromomethane   | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U041                        | Epichlorhydrin   | NA                                     | Listed Waste                           | 809 Container Storage Area             |

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|-----------------------------|--|--|--|--|
| U044                        | Chloroform                             | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U045                        | Methyl chloride                        | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U055                        | Cumene                                 | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U056                        | Cyclohexane                            | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U069                        | Dibutyl phthalate                      | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U075                        | Dichlorodifluoromethane                | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U080                        | Methylene chloride                     | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U092                        | Dimethylamine                          | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U096                        | Hydroperoxide, 1-methyl-1-phenylethyl- | Reactive Waste                         | Listed Waste                           | 809 Container Storage Area             |
| U103                        | Dimethyl sulfate                       | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U108                        | 1,4-Dioxane                            | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U112                        | Acetic acid, ethyl ester               | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U113                        | Ethyl acrylate                         | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U115                        | Oxirane                                | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U117                        | Ethyl ether                            | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |

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|-----------------------------|----------------------------|--|--|--|
| U120                        | Fluoranthene               | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U121                        | Trichloromonofluoromethane | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U122                        | Formaldehyde               | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U123                        | Formic Acid                | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U133                        | Hydrazine                  | Reactive and Toxic Waste               | Listed Waste                           | 809 Container Storage Area             |
| U134                        | Hydrogen fluoride          | Combustible and Toxic Waste            | Listed Waste                           | 809 Container Storage Area             |
| U140                        | Isobutyl alcohol           | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U144                        | Lead acetate               | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U151                        | Mercury                    | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U154                        | Methanol                   | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U159                        | Methyl ethyl ketone        | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U161                        | Methyl isobutyl ketone     | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area             |
| U162                        | Methyl methacrylate        | Ignitable and Toxic Waste              | Listed Waste                           | 809 Container Storage Area             |
| U165                        | Naphthalene                | NA                                     | Listed Waste                           | 809 Container Storage Area             |
| U188                        | Phenol                     | NA                                     | Listed Waste                           | 809 Container Storage Area             |

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|-----------------------------|---------------------------------|--|--|--|
| U210                        | Tetrachloroethylene             | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U211                        | Carbon tetrachloride            | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U213                        | Tetrahydrofuran                 | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area                         |
| U220                        | Toluene                         | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U223                        | Toluene diisocyanate            | Reactive and Toxic Waste               | Listed Waste                           | 809 Container Storage Area                         |
| U226                        | Methylchloroform                | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U228                        | Trichloroethylene               | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U239                        | Xylene                          | Ignitable Waste                        | Listed Waste                           | 809 Container Storage Area                         |
| U328                        | o-Toluidine                     | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U353                        | p-Toluidine                     | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| U359                        | Ethylene glycol monoethyl ether | NA                                     | Listed Waste                           | 809 Container Storage Area                         |
| 001D                        | Copper                          | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area & 806 Tank Storage Area |
| 003D                        | Zinc                            | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area & 806 Tank Storage Area |

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|-----------------------------|--------------------------|--|--|--|
| 002U                        | Allyl Chloride           | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area & 806 Tank Storage Area |
| 032U                        | Chlorine gas             | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area                         |
| 041U                        | Cobalt                   | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area & 806 Tank Storage Area |
| 070U                        | Hydroquinone             | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area                         |
| 131U                        | Styrene                  | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area & 806 Tank Storage Area |
| 139U                        | o-Toluidine              | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area                         |
| 140U                        | Triaryl phosphate esters | NA                                     | Michigan Listed Waste                  | 809 Container Storage Area                         |