



# eDocument Workflow Data Ingestion Form

DMWM - Hazardous Waste Permitting

**Note:** All HW Permitting Documents fall under "Permit-Intermediate" doc type.

**Keyword Summary:**

<b>Secondary ID:</b>	OHD052937885	<b>Stamped date on doc:</b>	8/3/2015
<b>Facility Name:</b>	Chemical Solvents Inc., Jennings Facility		
<b>County:</b>	Cuyahoga	<b>CBI/Trade Secret Info (see protocol below)</b>	
<b>Program:</b>	RCRA C – Hazardous Waste	<b>Request contains CBI/TS claim?</b>	No
<b>Permit Type:</b>	Permit to Install & Operate	<b>Was a "public" copy included?</b>	NA
<b>Permit Subtype:</b>	Application & Support	<b>Financial Assurance Info (see protocol below)</b>	
<b>Permit Classification:</b>	Permit Application	<b>Request contains FA policy/account # info?</b>	No
<b>Permit Purpose:</b>	Class 1A Mod	<b>Contingency Plan Info (see protocol below)</b>	
<b>Confidentiality Status:</b>	Public Record for Publication	<b>Request contains facility staff pers/home phone #'s?</b>	No

**CBI/Trade Secret Protocol**

Applications or requests that contain a claim of Confidential Business Information (CBI) or "trade secret" **are not be ingested** into the Agency's eDoc system. However, any claims must be made at the time of application submission, as required by both OAC rule 3745-49-03 and OAC rule 3745-50-30. Permittees must comply with the complete requirements of the above-cited rules, which include, among other things, submission of a corresponding "public" copy of the application or request which should be ingested into eDocs.

**Financial Assurance Info Protocol**

If the application contains "original signature" financial assurance documents, these documents **must be forwarded** to CO FA staff (Shawn Sellers or Melissa Cheung) as these types of documents must be secured in CO's fireproof file cabinet. Also, even if the FA information included in a mod application is not "original signature", if it includes information like insurance policy, bank account, letter of credit or bond numbers, these impacted pages should simply be physically removed and not scanned/included as a part of the ingested application. In place of the removed page, a page can be inserted which states: "Pages of this application which contain financial assurance mechanism details specific to policy or account numbers have been removed from this web-available version of the document."

Regarding review of FA components of mods, ERAS has set up a [tracking/request system](#) on SharePoint where DO staff can make a review request the HW FA Review Request list which can be accessed from the DMWM's Financial Assurance site.

**Contingency Plan info Protocol**

If the application contains facility staff personal/home phone number information, the impacted pages should simply be physically removed and not scanned/included as a part of the ingested application. In place of the removed page, a page can be inserted which states: "Pages of this application which contain facility staff personal/home phone number information have been removed from this web-available version of the document."

**Form Completed by:** Marlene Kinney

9/1/2015

**Comments**

OHIO ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF MATERIALS AND WASTE MANAGEMENTAPPLICATION FOR NEW OR RENEWAL OF HAZARDOUS WASTE  
FACILITY INSTALLATION AND OPERATION PERMITFacility Name: CHEMICAL SOLVENTS INCFacility Location: 3751 JENNINGS ROAD  
(Street)  
CLEVELAND OHIO 44109  
(City) (State) (Zip Code)Facility Mailing Address: CHEMICAL SOLVENTS INC, 3751 JENNINGS RD  
(If different from above) (Street)  
CLEVELAND OHIO 44109  
(City) (State) (Zip Code)U. S. EPA ID No.: OH D 052 937 885Facility Contact: JERRY SCHILL VP OPERATIONS  
(Name) (Title)Facility Telephone: 216-741-9310

I hereby apply for new or renewal of the Ohio Hazardous Waste Facility Installation and Operation Permit issued for the facility indicated above.

## CERTIFICATION STATEMENT

I certify under penalty of law that this document and 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 the known violations.

GERALD J Schill  
(Name - Type or Print)

859373

Revenue I.D. (Office Use)

V.P.  
(Title - Type or Print)

Amount Enclosed

Gerald J Schill  
(Signature & Date)

Check Receipt - Date &amp; No. (Office Use)

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**Section A**  
**Part A Permit Application**

The Chemical Solvents Inc. (CSI) Jennings Road facility is a blender of chemical commodities for industrial users and commercial resale. The facility does not currently have an operating RCRA unit. Clean closure of the RCRA storage pad was completed and recorded as complete by Ohio EPA in February 2000. Therefore the CSI Part A Permit Application is attached without storage or treatment codes. CSI understands that the subsequent pages will allow for the remedial investigation and corrective actions currently ongoing at the site.

The Part B Permit will allow for the enforcement of the Corrective Actions and Remedial Investigation.

For General Information:

Name:	Chemical Solvents Inc. – Jennings Road
Address:	3751 Jennings Road, Cleveland, Ohio 44109
Latitude:	41 29 000
Longitude:	-81 41 000


A topographical map is located in the Remedial Facility Investigation and is also attached as a part of this section.

RECEIVED

AUG 03 2015

OMB# 2050-0024; Expires 01/31/2017

OHIO EPA - DMWM

<b>SEND COMPLETED FORM TO:</b> The Appropriate State or Regional Office.	<b>United States Environmental Protection Agency</b> <b>RCRA SUBTITLE C SITE IDENTIFICATION FORM</b>	
<b>1. Reason for Submittal</b>  MARK ALL BOX(ES) THAT APPLY	<b>Reason for Submittal:</b> <input type="checkbox"/> To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location) <input checked="" type="checkbox"/> To provide a Subsequent Notification (to update site identification information for this location) <input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application <input checked="" type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____) <input type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)  <input type="checkbox"/> Site was a TSD facility and/or generator of >1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)	
<b>2. Site EPA ID Number</b>	EPA ID Number <u>OH</u> <u>D</u> <u>0</u> <u>5</u> <u>2</u> <u>9</u> <u>3</u> <u>7</u> <u>8</u> <u>8</u> <u>5</u>	
<b>3. Site Name</b>	Name: Chemical Solvents Inc.	
<b>4. Site Location Information</b>	Street Address: 3751 Jennings Road City, Town, or Village: Cleveland State: Ohio Country: USA County: Cuyahoga Zip Code: 44109	
<b>5. Site Land Type</b>	<input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other	
<b>6. NAICS Code(s) for the Site (at least 5-digit codes)</b>	A. <u>4</u> <u>2</u> <u>2</u> <u>6</u> <u>9</u> <u>0</u> c. _____ B. _____      D. _____	
<b>7. Site Mailing Address</b>	Street or P.O. Box: 3751 Jennings Road City, Town, or Village: Cleveland State: Ohio Country: USA Zip Code: 44109	
<b>8. Site Contact Person</b>	First Name: Jerry      MI:      Last: Schill Title: VP Operations Street or P.O. Box: 3751 Jennings Road City, Town or Village: Cleveland State: Ohio      Country: USA      Zip Code: 44109 Email: jschill@chemicalsolvents.com Phone: 216-741-9310      Ext.:      Fax:	
<b>9. Legal Owner and Operator of the Site</b>	A. Name of Site's Legal Owner: Pavlish Real Estate Holdings      Date Became Owner: 1-28-1997 Owner Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other Street or P.O. Box: 3751 Jennings Road City, Town, or Village: Cleveland      Phone: 216-741-9310 State: Ohio      Country: USA      Zip Code: 44109 B. Name of Site's Operator:      Date Became Operator: Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other	

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JCC  
8/11/15

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**10. Type of Regulated Waste Activity (at your site)**

Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

**A. Hazardous Waste Activities; Complete all parts 1-10.**

- Y  N  **1. Generator of Hazardous Waste**  
 If "Yes," mark only one of the following – a, b, or c.
- a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs/mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs/mo) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs/mo) of acute hazardous spill cleanup material.
- b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs/mo) of non-acute hazardous waste.
- c. CESQG: Less than 100 kg/mo (220 lbs/mo) of non-acute hazardous waste.
- If "Yes" above, indicate other generator activities in 2-10.
- Y  N  **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes," provide an explanation in the Comments section.

- Y  N  **3. United States Importer of Hazardous Waste**
- Y  N  **4. Mixed Waste (hazardous and radioactive) Generator**

- Y  N  **5. Transporter of Hazardous Waste**  
 If "Yes," mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)
- Y  N  **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.
- Y  N  **7. Recycler of Hazardous Waste**
- Y  N  **8. Exempt Boiler and/or Industrial Furnace**  
 If "Yes," mark all that apply.
- a. Small Quantity On-site Burner Exemption
- b. Smelting, Melting, and Refining Furnace Exemption
- Y  N  **9. Underground Injection Control**
- Y  N  **10. Receives Hazardous Waste from Off-site**

**B. Universal Waste Activities; Complete all parts 1-2.**

- Y  N  **1. Large Quantity Handler of Universal Waste** (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes," mark all that apply.
- a. Batteries
- b. Pesticides
- c. Mercury containing equipment
- d. Lamps
- e. Other (specify) \_\_\_\_\_
- f. Other (specify) \_\_\_\_\_
- g. Other (specify) \_\_\_\_\_
- Y  N  **2. Destination Facility for Universal Waste**  
 Note: A hazardous waste permit may be required for this activity.

**C. Used Oil Activities; Complete all parts 1-4.**

- Y  N  **1. Used Oil Transporter**  
 If "Yes," mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)
- Y  N  **2. Used Oil Processor and/or Re-refiner**  
 If "Yes," mark all that apply.
- a. Processor
- b. Re-refiner
- Y  N  **3. Off-Specification Used Oil Burner**
- Y  N  **4. Used Oil Fuel Marketer**  
 If "Yes," mark all that apply.
- a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- b. Marketer Who First Claims the Used Oil Meets the Specifications

**D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K**

❖ You can ONLY Opt into Subpart K if:

- you are at least one of the following: a college or university; a teaching hospital that is owned by or has a formal affiliation agreement with a college or university; or a non-profit research institute that is owned by or has a formal affiliation agreement with a college or university; AND
- you have checked with your State to determine if 40 CFR Part 262 Subpart K is effective in your state

Y  N  1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories  
**See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:**

- a. College or University
- b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university
- c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

Y  N  2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

**11. Description of Hazardous Waste**

**A. Waste Codes for Federally Regulated Hazardous Wastes.** 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, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D002	D004	D005	D006	D007	D008
D009	D010	D011	D018	D035	D039	F001
F002	F003	F005				

**B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes.** Please list the waste codes of the State-Regulated 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.

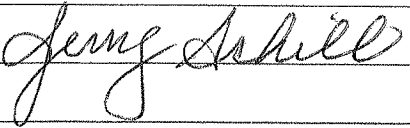

**12. Notification of Hazardous Secondary Material (HSM) Activity**

Y  N  Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes," you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

**13. Comments**

**14. 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. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	V.P.O.	7-29-15

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United States Environmental Protection Agency  
**HAZARDOUS WASTE PERMIT INFORMATION FORM**

<b>1. Facility Permit Contact</b>	First Name: Jerry	MI:	Last Name: Schill									
	Contact Title: VP Operations											
	Phone: 216-741-9310	Ext.:	Email:									
<b>2. Facility Permit Contact Mailing Address</b>	Street or P.O. Box: 3751 Jennings Road											
	City, Town, or Village: Cleveland											
	State: Ohio											
	Country: USA	Zip Code: 44109										
<b>3. Operator Mailing Address and Telephone Number</b>	Street or P.O. Box: 3751 Jennings Road											
	City, Town, or Village: Cleveland											
	State: Ohio	Phone: 216-741-9310										
	Country: USA	Zip Code: 44109										
<b>4. Facility Existence Date</b>	Facility Existence Date (mm/dd/yyyy): 06/01/1976											
<b>5. Other Environmental Permits</b>												
<b>A. Facility Type</b> <i>(Enter code)</i>	<b>B. Permit Number</b>										<b>C. Description</b>	
Air	P	0	0	9	4	7	8	3				PTIO for air emissions from process equipment
<b>6. Nature of Business:</b>												

**7. Process Codes and Design Capacities – Enter information in the Section on Form Page 3**

- A. **PROCESS CODE** – Enter the code from the list of process codes below that best describes each process to be used at the facility. If more lines are needed, attach a separate sheet of paper with the additional information. For “other” processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item 8.
- B. **PROCESS DESIGN CAPACITY** – For each code entered in Item 7.A; enter the capacity of the process.
- AMOUNT** – Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
  - UNIT OF MEASURE** – For each amount entered in Item 7.B(1), enter the code in Item 7.B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.
- C. **PROCESS TOTAL NUMBER OF UNITS** – Enter the total number of units for each corresponding process code.

Process Code	Process	Appropriate Unit of Measure for Process Design Capacity	Process Code	Process	Appropriate Unit of Measure for Process Design Capacity
<b>Disposal</b>			<b>Treatment (Continued)</b>		
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Liters Per Hour; Kilograms Per Hour; or Million BTU Per Hour
D80	Landfill	Acre-feet; Hectares-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	
<b>Storage</b>			T87	Smelting, Melting, or Refining Furnace	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T89	Methane Reforming Furnace	
S03	Waste Pile	Cubic Yards or Cubic Meters	T90	Pulping Liquor Recovery Furnace	
S04	Surface Impoundment	Gallons; Liters; Cubic Meters; or Cubic Yards	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	
S05	Drip Pad	Gallons; Liters; Cubic Meters; Hectares; or Cubic Yards	T92	Halogen Acid Furnaces	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T93	Other Industrial Furnaces Listed in 40 CFR 260.10	
S99	Other Storage	Any Unit of Measure Listed Below	T94	Containment Building Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTU Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million BTU Per Hour
<b>Treatment</b>			<b>Miscellaneous (Subpart X)</b>		
T01	Tank Treatment	Gallons Per Day; Liters Per Day	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T02	Surface Impoundment	Gallons Per Day; Liters Per Day	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Metric Tons Per Hour; or Million BTU Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; or Million BTU Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Short Tons Per Day; BTUs Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; or Million BTU Per Hour	X99	Other Subpart X	Any Unit of Measure Listed Below
<b>Unit of Measure</b>	<b>Unit of Measure Code</b>	<b>Unit of Measure</b>	<b>Unit of Measure Code</b>	<b>Unit of Measure</b>	<b>Unit of Measure Code</b>
Gallons .....	G	Short Tons Per Hour .....	D	Cubic Yards .....	Y
Gallons Per Hour .....	E	Short Tons Per Day .....	N	Cubic Meters .....	C
Gallons Per Day .....	U	Metric Tons Per Hour .....	W	Acres .....	B
Liters .....	L	Metric Tons Per Day .....	S	Acre-feet .....	A
Liters Per Hour .....	H	Pounds Per Hour .....	J	Hectares .....	Q
Liters Per Day .....	V	Kilograms Per Hour .....	X	Hectare-meter .....	F
		Million BTU Per Hour .....	X	BTU Per Hour .....	I

7. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 7 (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number	A. Process Code (From list above)			B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	For Official Use Only			
				(1) Amount (Specify)	(2) Unit of Measure					
X 1	S	0	2	533.788	G	001				
1										
2										
3										
4										
5										
6										
7										
8										
9										
1 0										
1 1										
1 2										
1 3										

Note: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the line sequentially, taking into account any lines that will be used for "other" process (i.e., D99, S99, T04, and X99) in Item 8.

8. Other Processes (Follow instructions from Item 7 for D99, S99, T04, and X99 process codes)

Line Number (Enter #s in sequence with Item 7)	A. Process Code (From list above)			B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	For Official Use Only			
				(1) Amount (Specify)	(2) Unit of Measure					
X 2	T	0	4	100.00	U	001				

**9. Description of Hazardous Wastes - Enter Information in the Sections on Form Page 5**

- A. EPA HAZARDOUS WASTE NUMBER – Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR Part 261, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY – For each listed waste entered in Item 9.A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in Item 9.A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE – For each quantity entered in Item 9.B, enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure, taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES**

**1. PROCESS CODES:**

**For listed hazardous waste:** For each listed hazardous waste entered in Item 9.A, select the code(s) from the list of process codes contained in Items 7.A and 8.A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all listed hazardous wastes.

**For non-listed waste:** For each characteristic or toxic contaminant entered in Item 9.A, select the code(s) from the list of process codes contained in Items 7.A and 8.A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:**

1. Enter the first two as described above.
2. Enter "000" in the extreme right box of Item 9.D(1).
3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in Item 9.E.

**2. PROCESS DESCRIPTION:** If code is not listed for a process that will be used, describe the process in Item 9.D(2) or in Item 9.E(2).

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER – Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:**

1. Select one of the EPA Hazardous Waste Numbers and enter it in Item 9.A. On the same line complete Items 9.B, 9.C, and 9.D by estimating the total annual quantity of the waste and describing all the processes to be used to store, treat, and/or dispose of the waste.
2. In Item 9.A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In Item 9.D.2 on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING Item 9 (shown in line numbers X-1, X-2, X-3, and X-4 below) – A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operations. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.**

Line Number	A. EPA Hazardous Waste No. (Enter code)				B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES															
	(1) PROCESS CODES (Enter Code)							(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))														
X	1	K	0	5	4	900	P	T	0	3	D	8	0									
X	2	D	0	0	2	400	P	T	0	3	D	8	0									
X	3	D	0	0	1	100	P	T	0	3	D	8	0									
X	4	D	0	0	2																	Included With Above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES																
				(1) PROCESS CODES (Enter Code)					(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))											
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<b>10. Map</b>	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.
<b>11. Facility Drawing</b>	All existing facilities must include a scale drawing of the facility (see instructions for more detail).
<b>12. Photographs</b>	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).
<b>13. Comments</b>	



Locate Parcel

3751 jennings, cleveland

File	View
1	00834002 Pavlish Real Estate Holding 3751 Jennings Rd, Cleveland



Details Nearest Locations

Find nearest  Select location type

Ohio EPA DMMVM JAN 16 2013

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**Section B  
General Description**

The CSI Jennings Road Facility is located within the city limits of Cleveland, Ohio. The zoning is D-5, heavy industrial area.

The street and mailing address are:

Chemical Solvents Inc.  
3751 Jennings Road  
Cleveland, Ohio 44109  
Cuyahoga County

Site Contacts are:

Jerry Schill – VP of Operations  
Tim McNeilly – Technical Director

The site does not accept off-site generated waste. The site does generate solid waste which is sent off-site for treatment or disposal. When operational the only area of waste activity was the now closed hazardous waste storage pad.

**Section C**  
**Waste Characteristics**

There is no need for a waste analysis plan in the Part B Permit Renewal Application because the CSI hazardous waste storage pad is closed and the facility no longer operates a permitted hazardous waste management unit.

**Section D  
Process Information**

There is no need for process information in the Part B Permit Renewal Application because the CSI hazardous waste storage pad is closed and the facility no longer operates a permitted hazardous waste management unit.

**Section F**  
**Procedures to Prevent Hazards**

There is no need for procedures to prevent hazards in the Part B Permit Renewal Application because the CSI hazardous waste storage pad is closed and the facility no longer operates a permitted hazardous waste management unit.

**Section G  
Contingency Plan**

There is no need for a contingency plan in the Part B Permit Renewal Application because the CSI hazardous waste storage pad is closed and the facility no longer operates a permitted hazardous waste management unit.

**Section H  
Personnel Training**

There is no need for a personnel training plan in the Part B Permit Renewal Application because the CSI hazardous waste storage pad is closed and the facility no longer operates a permitted hazardous waste management unit.

**Section I**  
**Closure Plans, Post-Closure Plans and Financial Requirements**

No closure plan is required because all units have been closed. The hazardous waste drum storage pad was closed December 20, 1999. OEPA acknowledged closure on February 29, 2000. The acknowledgement is attached as Exhibit I-1.

**Section J**  
**Corrective Action for Waste Management Units**

On February 20, 2004 CSI received approval of the submitted RFI Work Plan and Quality Assurance Project Plan with modifications. As a corrective action remedy CSI proposed and installed a series of 24 directional injection wells situated from north to south under the Jennings Site. The wells were installed such that 12 wells were located at 4-6' below surface grade and 12 wells were located at 12-14' below surface grade. Three directional recovery wells and a recovery trench were placed such that the recovery wells and trench would intercept groundwater flow to the east of the site for reinjection into the aquifers being monitored at the site. Installation work for the above treatment system began in October 2009.

The initial treatment proposal was to inject a BioRem L-10 proprietary enzyme in both the shallow and deep aquifer zones; followed by injections of a BioRem H-10 proprietary micro-organism culture. A bench scale study was conducted, submitted to OEPA and approved by OEPA. The initial injections of L-10 were conducted from May 2010 through September 2010. Recirculation of the enzyme was continued until November when the system was winterized. Injection of H-10 was conducted from May 2011 until September 2011 into the upper aquifer zone. Recirculation was conducted from September until November when the system was winterized.

The treatment of the aquifer zone will be ongoing for the next 3-5 years.