

SWD SPECIALTIES, LLC
WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS
LIQUID WASTE



Disposal Well Owner/Operator Information

Owner/Operator Name: SWD Specialties, LLC

Owner/Operator Address: 4030 Columbus Drive
Kalkaska, MI 49646

Facility Contact Information: Shawn Humphrey
231-258-7911 office
989-370-6658 cell

Well Name: Miller #23-41
Well Location: M-61, West of Harrison
SW ¼ of the NE ¼ of the NE ¼, Section 23, T19N, R6W
Clare County, Michigan

USEPA UIC Permit No.: MI-035-1I-C001

Customer Name: _____

Generator Name: _____

Waste Profile No.: _____

Date: ____/____/____

SWD SPECIALTIES, LLC
WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS
LIQUID WASTE

Liquid Waste Instructions (Form SWDSP-001)

The information requested in these forms is used to determine if the subject waste may be treated, stored or disposed of in a legal, safe and environmentally sound manner. This information will be held in the strictest confidence. To initiate the process please complete the following forms.

1. Liquid Waste Definition (Form SWDSP-002)

The waste generator must read and sign Form SWDSP-002 and attach per instructions given in the Generator Certification section of Form SWDSP-003.

2. Generator's Liquid Waste Profile (Form SWDSP-004)

The waste generator must read, complete and sign Form SWDSP-004.

3. Certification of Representative Sample (Form SWDSP-005). Note: please use with Form SWDSP-004.

This form may be signed by the designated person per the instructions where the customer, generator or contractor doing the work is certifying that the analytical data presented were derived from a representative sample of the waste from the particular site described in Section A of Form SWDSP-004.

When appropriate forms are completed, submit to SWD Specialties, LLC in Kalkaska, Michigan for review and approval.

Following approval by SWD Specialties, LLC, a Service Agreement will be forwarded for signature. After receipt of the executed Service Agreement the facility can start accepting the waste in accordance with the Agreement's terms and conditions.

Form SWDSP-001 Liquid Waste Instructions

SWD SPECIALTIES, LLC

WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS LIQUID WASTE

Liquid Waste Definition (Form SWDSP-002)

WASTE CODE

PROFILE NO.

“Liquid Waste” is defined as Type A, B, C, D, E or F as outlined below

1. “Type A Liquid Waste” is defined as any waste generated from a domestic, industrial or non-industrial activity involving the temporary storage or treatment (septic tank) of human wastes.

- | | | |
|-------------------------|-----------------------------|----------------------------|
| 1001. Septic Tank Waste | 1002. Chemical Toilet Waste | 1003. Sanitary Sewer Water |
| 1004. Treatment Sludge | | |
- Chemical toilet waste will be checked for treatment system toxicity prior to acceptance.

2. “Type B Liquid Waste” is defined as any grease trap or interceptor waste, from either a commercial or industrial activity meeting any of the following criteria.

- | | | |
|------------------------------|--------------------------------------|-----------------------------------|
| 2001. Rest. Food Grease Trap | 2002. School Food Grease Trap | 2003. Industrial Food Grease Trap |
| 2004. Hotel Food grease Trap | 2005. Institutional Food Grease Trap | |

Type B wastes are processed with the intention of recycling the grease portion “vegetable or animal fats/oils” of the waste. Therefore, it is essential that these waste streams **do not contain** any hazardous chemicals or material that would prevent the fats/oils from being recovered and recycled.

3. “Type C Liquid Waste” is defined as any sand, grit and lift trap waste from either a commercial or industrial activity meeting the following criteria.

- | | | |
|-----------------------------|---------------------------------|--------------------------------|
| 3001. Car Wash Sand Trap | 3002. Service Station Sand Trap | 3003. Car Dealership Sand Trap |
| 3004. Com. Trans. Sand Trap | 3005. Industrial Grit Trap | 3006. Com. Laundry Lint Trap |
| 3007. Com. Lift Station | 3008. Drywell | 3009. Com. Sand Trap |
| 3010. Airplane Wash | 3011. Non-Industrial Sand Trap | |

Type C wastes are typically composed of heavy solids, a thin layer of surface oil and water. The traps are designed to accumulate solids and floating oil and grease. Traps not connected to a sanitary or storm sewer will be evaluated as Type D Waste.

4. “Type D Liquid Waste” is defined as any non-hazardous waste from a non-industrial, non-food grade source or activity meeting the following criteria.

- | | | |
|-----------------------------------|--------------------------------|-------------------------------|
| 4001. Food Prod. (Non-food grade) | 4002. Alcohol/Organics | 4003. Oily Waste Water |
| 4004. Petroleum Contam. Water | 4005. Swimming Pool Water | 4006. Waste Water w/ Grit |
| 4007. Tank Trailer Rinse Water | 4008. Decorative Pond Water | 4009. Cooling Tower Water |
| 4010. Scrubber Water | 4011. Contaminated Storm Water | 4012. Drilling Mud |
| 4013. Monitor Well Purge Water | 4014. Brine Water | 4015. Landfill Leachate Water |

Type D wastes will be evaluated for compatibility.

5. “Type E Liquid Waste” is defined as any non-hazardous waste from an industrial activity meeting the following criteria.

- | | | |
|----------------------------|-----------------------------------|--------------------------------|
| 5001. Treatment Sludge | 5002. Anti-Freeze Waste Water | 5003. Latex Products |
| 5004. Water Soluble Inks | 5005. Water Soluble Glue/Adhesive | 5006. Polyurethane Waste Water |
| 5007. Coolant Wash Water | 5008. Process Waste Water | 5009. Industrial Rinse Water |
| 5010. pH Neutralized Water | | |

Type E wastes will be evaluated for compatibility.

6. “Used Oil”

Please check here if this material is regulated as used oil.

Customer

Authorized Signature

____/____/____
Date

Form SWDSP-002

SWD SPECIALTIES, LLC

WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS LIQUID WASTE

GENERATOR'S LIQUID WASTE PROFILE SHEET INSTRUCTIONS (Form SWDSP-003)

Information on this form is used to determine if the waste may be transported, treated, stored or disposed of in a legal, safe and environmentally sound manner. This information will be maintained in strict confidence. Answers must be printed in ink or typed. A response of "NONE" or "NA" can be made if appropriate.

PART A. WHERE IS THE WASTE GENERATED

1. GENERATOR NAME – Enter the name of the facility where the waste is generated.
2. FACILITY ADDRESS – Enter the street address of the facility where the waste is generated.
3. GENERATOR CITY, STATE – Enter the city and state.
4. ZIP CODE – Enter the generating facility's zip code.
5. GENERATOR'S USEPA ID NO. – Enter the USEPA ID No. of the facility generating the waste.
6. TECHNICAL CONTACT – Enter the name of the person who can answer technical questions about the waste.
7. PHONE – Enter technical contacts telephone number.

PART B. WHERE ARE SWD SPECIALTIES, LLC INVOICES MAILED

1. If you want the invoice mailed to the same address as in PART A, check "Generating Facility." If you want the invoice mailed elsewhere, then answer Questions 2, 3, 4, 5, and 6.
2. COMPANY NAME – Enter the name of the company that will receive and pay the invoice.
3. PHONE – Enter the telephone number of the company receiving the invoices.
4. ADDRESS – Enter the address of the company receiving invoices.
5. CITY, STATE – Enter the city and state of the company receiving invoices.
6. ZIP CODE – Enter the zip code of the company receiving invoices.

PART C. PHYSICAL CHARACTERISTICS OF THE WASTE WATER

1. NAME OF WASTE – Enter the common name generally descriptive of this waste. (e.g., sand trap, non-industrial waste water, landfill leachate, industrial waste water, etc.)
2. PROCESS GENERATING THE WASTE – List the specific process/operation that is the source of the waste. (e.g. sand trap, floor drain holding tank, spill, off spec material)
3. SPECIAL HANDLING INSTRUCTIONS – Describe any special handling requirements for proper management of the waste.
4. COLOR – Describe the color and transparency of the waste.
5. ODOR – If the waste has a known incidental odor, then describe it.
6. PHYSICAL STATE – If the four boxes provided do not apply, a descriptive phrase may be entered after "Other."
7. LAYERS – Check all applicable boxes. Multi-layered means more than two layers (e.g., oil/water/sludge). Bi-layer means the waste is comprised of two layers which may or may not be the same phase (e.g., oil/water). Single phased means the waste is homogeneous.
8. SPECIFIC GRAVITY – Indicate the range. The specific gravity of water is 1.0.
9. pH – Indicate the pH for the waste. Check the appropriate boxes that cover the pH of the waste. Use the "Range" space if appropriate.
10. FLASH POINT – Indicate the flash point obtained using the appropriate testing method.

SWD SPECIALTIES, LLC

WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS LIQUID WASTE

PART D. TRANSPORTATION INFORMATION

1. **METHOD OF SHIPMENT** – Indicate the anticipated method of shipment by checking the appropriate box.
2. **ANNUAL AMOUNT/UNITS** – Enter the amount of liquid waste that will be generated and transported annually. Use appropriate units to describe this volume (e.g. gallons, drums, barrels, etc.)
3. **SUPPLEMENTAL INFORMATION** – Enter any additional shipping information.
4. **INDICATE IF THIS WASTE IS A USDOT HAZARDOUS MATERIAL** – If so answer Questions 5, 6, and 7 below.
5. **HAZARD CLASS/ID** – Enter the proper USDOT hazard class and USDOT ID number.
6. **REPORTABLE QUANTITY (RQ)** – Enter the reportable quantity for this waste and appropriate units for the RQ.
7. **SHIPPING NAME** – Enter the proper USDOT shipping name for this waste.

PART E. CHEMICAL COMPOSITION

1. List all organic and/or inorganic components of the waste using **specific chemical names**. If trade names are used, attach Material Safety Data Sheets or other documents that adequately describe the composition of the waste. For each component, estimate the range (in percent) in which the component is present. The total of the maximum values of the components must be greater than or equal to 100%.
2. If the waste contains PCBs, cyanides, sulfides or phenolics, indicate the concentration(s). If the waste does not contain these constituents indicate by checking the “NO” boxes that apply. If the concentration of these constituents is unknown, please indicate “UNKN” under “ACTUAL”.

PART F. METALS

1. Indicate whether any of the heavy metals are present in the waste. For each metal check the box indicating that the metal content will not exceed the stated amount or enter the actual content in parts per million. If metals concentrations are unknown or not present indicate by writing “UNKN” or “NA” respectively.
2. If actual concentrations are provided indicate whether results were determined by the EP TOX (extraction procedure toxicity) or TCLP (toxicity characteristic leaching procedure) method, or whether the results represent the total metal concentration.

PART G. GENERATOR CERTIFICATION

By signing this Liquid Waste Profile Sheet the generator certifies that all statements in No’s 1, 2, and 3 are true and accurate with respect to the waste streams listed.

4. **SIGNATURE** – An authorized employee of the generator must sign the Generator’s Liquid Waste Profile Sheet.
5. **TITLE** – Enter employee’s title.
6. **NAME** – Enter Employee’s name.
7. **DATE** – Enter the date signed.

**KEEP A COPY OF THIS GENERATOR’S LIQUID WASTE PROFILE SHEET
FOR YOUR RECORDS
SEND THE ORIGINAL AND ATTACHMENTS TO
SWD SPECIALTIES, LLC**

SWD SPECIALTIES, LLC

WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS LIQUID WASTE

WASTE CODE

PROFILE NO.

GENERATOR'S LIQUID WASTE PROFILE SHEET (Form SWDSP-004 Page 1 of 2)

PLEASE PRINT IN INK OR TYPE

INSTRUCTIONS (Form SWDSP-003) FOR COMPLETING THIS FORM ARE ATTACHED

Renewal Date of Service Agreement:

A. WHERE IS THE WASTE GENERATED?

1. Generator Name: _____
2. Facility Address: _____
3. Generator City, State: _____ 4. Zip: _____
5. Generator USEPA ID#: _____
6. Generator State ID#: _____
7. Technical Contact: _____ 8. Phone: () _____ - _____

B. WHERE ARE SWD SPECIALTIES INVOICES SENT?

1. Generating Facility Above, or
2. Company Name: _____ 3. Phone: () _____ - _____
 4. Address: _____
 5. City, State: _____ 6. Zip: _____

C. PHYSICAL CHARACTERISTICS OF WASTE:

1. Name of Waste: _____
2. Process Generating Waste: _____

3. Special Handling Instructions: _____

4. Color	5. Does the waste have a strong incidental odor? <input type="checkbox"/> No <input type="checkbox"/> Yes, if so describe: _____ _____	6. Physical State @ 70°F/21°C <input type="checkbox"/> Liquid <input type="checkbox"/> Semi-solid <input type="checkbox"/> Solid <input type="checkbox"/> Powder Other: _____	7. Layers <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-layered <input type="checkbox"/> Single Phase	8. Specific Gravity Range- _____/_____
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9. pH: ≤ 2 >2 - <6 6 - 8 >8 - ≤ 12.5 > 12.5 Range: _____ NA

10. Flash Point: None < 140°F/60°C 140°F - 199°F/60°C - 83°C > 200°F/93°C Closed Cup Open Cup

D. TRANSPORTATION INFORMATION

1. Method of Shipment: Bulk Liquid Bulk Sludge Bulk Solid Drum Other _____
2. Annual Amount & Units: _____
3. Supplemental Information: _____
4. Is this a DOT Hazardous Material? No Yes (if so, complete 5, 6, & 7) 5. Hazard Class/ID# _____
6. Reportable Quantity (gals.) _____ 7. Shipping Name: _____

Check Box if additional information is attached.

Continue on next page

SWD SPECIALTIES, LLC

WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS LIQUID WASTE

GENERATOR'S LIQUID WASTE PROFILE SHEET (Form SWDSP-004 Page 2 of 2)

PLEASE PRINT IN INK OR TYPE

E. CHEMICAL COMPOSITION

<p>1. _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>RANGE</p> <p>Min – Max</p> <p>_____ - _____%</p> <p>_____ - _____%</p> <p>_____ - _____%</p> <p>_____ - _____%</p> <p>_____ - _____%</p> <p>_____ - _____%</p> <p>_____ - _____%</p>	<p>2. Does this waste contain any of the following? (provide concentration if known):</p> <p style="text-align: center;">No or Less Than or Actual</p> <p>PCBs <input type="checkbox"/> <input type="checkbox"/> < 50 ppm _____ ppm</p> <p>Cyanides <input type="checkbox"/> <input type="checkbox"/> < 50 ppm _____ ppm</p> <p>Sulfides <input type="checkbox"/> <input type="checkbox"/> < 50 ppm _____ ppm</p> <p>Phenolics <input type="checkbox"/> <input type="checkbox"/> < 50 ppm _____ ppm</p>
<p>Totals _____ %</p>		

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%

F. METALS

1. Does the waste contain any of the following metals (provide concentrations)

Arsenic <input type="checkbox"/> < 5 or _____ ppm	Barium <input type="checkbox"/> < 100 or _____ ppm	Calcium <input type="checkbox"/> < 0.1 or _____ ppm
Chromium <input type="checkbox"/> < 5 or _____ ppm	Lead <input type="checkbox"/> < 5 or _____ ppm	Mercury <input type="checkbox"/> < 0.2 or _____ ppm
Selenium <input type="checkbox"/> < 1 or _____ ppm	Silver <input type="checkbox"/> < 5 or _____ ppm	Copper <input type="checkbox"/> < 5 or _____ ppm
Nickel <input type="checkbox"/> < 5 or _____ ppm	Zinc <input type="checkbox"/> < 5 or _____ ppm	

2. Indicate method used to determine concentration EP TOX TCLP or Total

G. GENERATOR'S CERTIFICATION

By signing this profile sheet, the Generator certifies that unless clearly stated or in attachments:

- This waste is not a listed hazardous waste based on the following generator knowledge / testing:
 - CESQG – The Generator has characterized this waste and does not generate more than 100 kg/mo. of hazardous waste
 - RCRA Empty – The waste was generated from the cleanout of a RCRA empty vessel.
 - No Listed Waste Generated – The Generator is aware of the RCRA regulations and does not generate any RCRA listed waste streams including spent solvents.
 - Used Oil – The Generator has not mixed any hazardous waste into the used oil. Also, obtain a total halogen test showing the material is below 1000 ppm during pre-qualification
- The waste is not characteristic hazardous waste based on the following Generator knowledge / testing:
 - CESQG – The Generator has characterized this waste and does not generate more than 100 kg/mo. of hazardous waste
 - No Characteristic Waste Generated – The Generator is aware of the RCRA regulations and based on knowledge or test data, certifies that characteristic hazardous waste is not generated.
 - Used Oil – The Generator has not mixed any hazardous waste into the used oil. If ignitable waste is mixed into the used oil, the mixture is not ignitable. If other characteristic hazardous waste is mixed with the used oil, the mixture passes all characteristics testing. The Generator has also obtained a total halogen test showing the material is below 1000 ppm during pre-qualification.

- If Used Oil Boxes are checked, Used Oil must be reclaimed if it fails TCLP.
- The waste does not contain regulated quantities of PCBs (Polychlorinated Biphenyls).
- This sheet and any attachments contain true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards in the possession of the Generator have been disclosed.
- SWD Specialties, LLC Definition of Liquid Waste (Form SWDSP-002) has been read, signed and attached.

6. Signature _____

7. Title _____

8. Name (Type or Print) _____

9. Date _____

SWD SPECIALTIES, LLC
WASTE PROFILE FORM FOR TYPE I NON-HAZARDOUS
LIQUID WASTE

CERTIFICATION OF REPRESENTATIVE SAMPLE (Form SWDSP-005)

By my signature below I certify that the analytical results reported on the above waste profile are for a representative sample of the waste from the site described in Section A of Form SWDSP-004. I further certify that I am the Generator or I am authorized to sign this form on behalf of the Generator.

Signature

Name (type or print)

Company

Date