



**INSTRUCTIONS
WASTE CHARACTERIZATION DATA
INDUSTRIAL WASTE**

This form is to be completed by the Generator for each specific type of non-hazardous industrial solid waste. It will be used by Olmsted County staff to evaluate whether the waste can be managed in a safe, environmentally sound and lawful manner at an Olmsted County waste disposal facility. This information will serve to protect you, the Generator, as well as Olmsted County.

GENERAL INSTRUCTIONS

1. A representative of the Generator must complete the Waste Characterization Data. Please be thorough. Waste evaluation and acceptance cannot commence until a complete form is received. The entire form must be completed, typewritten or printed legibly in ink. The completed form must be signed and dated. Check "N/A" where the data requested is Not Applicable, and "N/D" if the information has not been determined. Please attach any additional relevant material such as a Material Safety Data Sheet (MSDS) or analytical data that will help to describe the waste and expedite its review. This form and supporting information will be kept on file at the Olmsted County Public Works Department.
2. If further testing is required, the Representative Sample Certification section (10.) must be completed to certify that the sample submitted to the laboratory for which analytical data was submitted is representative of the waste to be managed by Olmsted County.
3. Return the completed form to: Olmsted County Public Works Department, 2122 Campus Drive SE, Suite 200, Rochester, MN 55904. If you have questions regarding the completion of this form, please call (507) 285-8231.

1. GENERATOR INFORMATION

- a) Generator's Name: Name of the company generating the waste.
- b) Generating Facility's Complete Address: Physical address including street, city, state, and zip. Do not use P.O. Box numbers.
- c) Generator's Representative: Generator's employee or authorized representative completing this form and their title and telephone number. This person must also sign the form in Section 9.
- d) SIC Code: Generator's Standard Industrial Classification code (If you do not this information, call the Olmsted County Public Works Department at 285-8231).

SECTION 2 WASTE INFORMATION

- a) Name/Description of the Waste: Describe the waste and the source from which it was generated. For example: paint chips and sand from a sandblasting operation, solidified epoxy paint from a spray booth, polyester resin from a tank clean-out, diesel soaked floor-dry from a spill, ceramic tumbling media from a manufacturing process, etc. Please be thorough.
- b) Process Generating Waste: Describe the complete process, not just the source of the waste. For example: furniture manufacturing, sandblasting of cooling tower pans, repair of storage tank containing No. 6 fuel oil, etc. Please be thorough.
- c) Indicate reason for disposal by checking the appropriate box (es).
- d) Indicate if waste was previously a restricted hazardous waste which has been treated to render the waste non-hazardous.
- e) Indicate if waste is defined as "Hazardous Waste". If YES, enter Waste Identification Number provided by MN Pollution Control Agency.
- f) Indicate any equipment or special handling procedures necessary to manage the waste.
- g) Estimate the amount of waste and indicate the correct unit of measurement.
 - a) Estimate the expected frequency of delivery of the quantities in "g" above.
 - b) Indicate the type of container in which the waste will be transported to the disposal facility.

SECTION 3 - WASTE PROPERTIES AT 72°F

- a) Check the appropriate physical state(s) of the waste.
- b) Describe the color(s) that make up the waste.
- c) Describe any obvious odor, for example: sweet, acidic, solvent. Describe the intensity of the odor (none, mild, strong). Note that you should not purposefully smell the waste, but any incidental odor noticed upon management of the waste is to be described.
- d) Density - Indicate the expected weight range of the waste per unit volume (i.e., density). If this has not been determined check "N/D".
- e) Flash Point - If the waste is as a solid or powder, note "N/A". Otherwise, check the temperature range at which the waste exhibits a flash point. Do not check more than two (2) consecutive boxes. If this has not been determined, check "N/D".

Note the pH range of the waste. If the waste is completely free of liquids, check "N/A". No more than two (2) consecutive boxes may be checked. If this has not been determined, check "N/D"

SECTION 4 - REACTIVITY

If the waste exhibits any of the following reactive properties, mark the appropriate box (es).

- ◆ Water Reactive - Reacts violently, forms potentially explosive mixtures, or generates toxic gases or vapors when exposed to water.
- ◆ Acid or Alkaline Reactive - Releases heat, toxic gases or vapors when exposed to an acid ($\text{pH} \leq 2$) or an alkaline ($\text{pH} \geq 12$) environment.
- ◆ Oxidizer - Reacts with organic matter to cause fires or smoldering.
- ◆ Autopolymerizable - Hardens or solidifies without assistance, usually with a release of heat.
- ◆ Pyrophoric - Ignites in air.
- ◆ Explosive - Burns suddenly with violent results.
- ◆ Thermally Sensitive - The hazardous or toxic properties may change with the application of heat.
- ◆ Shock Sensitive - Detonates or explodes if jolted or dropped.
- ◆ None of the Above - The waste exhibits none of the reactive properties defined above.

SECTION 5 - WASTE CONTAINS

Indicate if any materials defined below are present in the waste; if so, indicate the specific type(s) and concentration(s) in Section 6.

- ◆ Free Liquids - The waste fails the Paint Filter Liquids Test (SW846.9095).
- ◆ Free Cyanide; Free Sulfide; Free Ammonia - Hydrogen cyanide or hydrogen sulfide is liberated when the waste is subjected to an environment with a $\text{pH} \leq 2$, ammonia liberated when the waste is subjected to an environment with a $\text{pH} \geq 12.5$.
- ◆ Dioxins/Furans/PCPs - Chlorinated dioxins, chlorinated dibenzofurans and tri-, tetra-, and penta-chlorinated phenols.
- ◆ Organic Solvents - Aromatic and aliphatic hydrocarbon solvents such as alcohols, ketones, esters, ethers, benzene, mineral spirits, lacquer thinner, amines or chlorinated hydrocarbons.
- ◆ Virgin Oils - Unused oils, for example: crude oil, fuel oil, diesel oil, mineral or edible oils.
- ◆ Used Oils - for example: motor oils, lubricating oils or cutting oils.
- ◆ OSHA Substances - The compounds identified by the federal health administration and/or OSHA as having occupational exposure limits.
- ◆ Etiological Agents - A substance which causes disease or abnormal conditions in humans.
- ◆ Pathogens - Disease causing organisms.
- ◆ Biological Materials - Living or once living organisms; e.g., bacteria, animal carcasses.
- ◆ Radioactive Materials - Naturally occurring or byproduct materials that emit radiation above background levels.
- ◆ PCB's - Polychlorinated Biphenyls is not regulated by TSCA, 40 CFR 761.
- ◆ None of the above - The waste contains none of the above.

SECTION 6 - SPECIFIC WASTE COMPOSITION

Describe the composition of the waste. Use common terms to describe the constituent concentrations in percentages (%), parts per million (ppm), or weight/volume or weight/weight. Avoid abbreviations, Trade Names, or vague descriptions, such as oil or sludge. When describing by %, if the total of all the components does not equal 100%, the generator is claiming that the non-listed content(s) of the waste is inert and poses no hazard to the environment or to worker health and safety (e.g., water, soil, vegetation). Attach confirmatory laboratory reports, if available.

SECTION 7 - HAZARDOUS MATERIAL CERTIFICATION

Certify whether the waste is hazardous waste as defined by law.

SECTION 8 - ATTACHMENTS

Identify all supplemental information that is attached to this Industrial Solid Waste Evaluation Form, if any. Note the total number of supplemental pages attached.

SECTION 9 - GENERATOR'S CERTIFICATION

The authorized representative of the generator identified in Section 1(c) must sign the certification. The Evaluation Form will not be processed and the waste will not be approved for Olmsted County management without completion of this and all other sections.

A copy of this form will be returned to the Generator at the Generating Facility Address when the Waste Approval Section has been completed by County staff with the determination whether the waste is rejected or accepted.

If the waste is **rejected** because it is a hazardous waste, Olmsted County is required to notify the MPCA of such rejection. It is the responsibility of the Generator to find an approved, alternate facility capable of accepting rejected loads..

If the waste is **approved**, Olmsted County will indicate any delivery restrictions and send the appropriate number of tracking forms (if required) to be completed by the Generator indicating quantities and specifics about a particular load. The tracking form must be signed by County staff prior to delivery. An approved tracking form must accompany each load to the specified facility.