

Perry Ridge Landfill, Inc.

Special Waste Analytical Requirements⁽¹⁾

A) General Special Wastes

- Paint Filter Test (Free Liquids)
- Open Cup Flashpoint
- TCLP Metals⁽²⁾
- TCLP Organics (Volatiles and Semi-Volatiles)⁽²⁾⁽³⁾
- Total PCBs⁽⁴⁾
- EOX⁽⁵⁾
- pH
- Cyanide (Reactive)⁽⁶⁾
- Sulfide (Reactive)⁽⁶⁾
- Phenol (Total)

B) Petroleum Contaminated Soils (Media and Debris) from Leaking Underground Storage Tanks

(Generated at sites subject to corrective action regulation under 35 IAC Part 731)

Tank substance stored: leaded and/or unleaded gasoline, diesel fuel and #2 heating oil

- Paint Filter Test (Free Liquids)
- Open Cup Flashpoint
- TCLP Lead
- BTEX (Optional, provide results if available)

Tank substance stored: waste oil and/or heating oils #3-6

- Paint Filter Test (Free Liquids)
- Open Cup Flashpoint
- TCLP Metals⁽²⁾
- Total PCBs
- EOX⁽⁵⁾
- pH
- BTEX (Optional, provide results if available)

C) Petroleum Contaminated Soils (Media and Debris) from Spills and Leaking Aboveground Storage Tanks

(For Special Wastes not due to an emergency situation)

Substances involved: leaded and/or unleaded gasoline, diesel fuel, #2-6 heating oil and waste oil

- Paint Filter Test (Free Liquids)
- Open Cup Flashpoint
- TCLP Metals⁽²⁾
- TCLP Organics (Volatiles and Semi-Volatiles)⁽²⁾⁽³⁾
- Total PCBs (If substance involved includes waste oil and/or #3-6 heating oil)
- EOX⁽⁵⁾

- pH
- Cyanide (Reactive)⁽⁶⁾
- Sulfide (Reactive)⁽⁶⁾
- Phenol (Total)
- BTEX (Optional, provide results if available)

D) Special Wastes Generated Due to an Emergency Situation

- The waste must not be Hazardous Waste per 35 IAC Part 721
- The generator/responsible party receives authorization from the Illinois EPA Emergency Response Unit at 217/782-3637
- The generator/responsible party ensures that an incident number from the Illinois Emergency Management Agency (IEMA) at 800/782-7860 within Illinois, or 217/782-7860 outside Illinois is obtained
- The waste must be analyzed for any chemical constituent required by the Illinois EPA Emergency Response Unit

E) Off-specification, Unused or Discarded Commercial or Chemical Products

- An MSDS to determine hazardous constituents present may be provided in lieu of laboratory analytical results.

Notes:

- (1) All laboratory analyses must be conducted using USEPA SW-846 test methods. In all cases the copy of the laboratory analytical report must be accompanied by a laboratory letterhead and signed by a responsible party such as the person conducting the analyses or his/her supervisor. The laboratory analytical report must not be greater than one year old at the time the initial load of waste is accepted at the disposal facility.
- (2) When performing analyses for metals and/or organic compounds, either Total or TCLP test methods may be utilized, however, any constituent whose total concentration exceeds its regulatory TCLP limit must be analyzed using the TCLP test and result reported.
- (3) In lieu of analysis, the generator may certify that the eight pesticides (RCRA D012, D013, D014, D015, D016, D017, D020 and D031) would not reasonably be expected to be present in the waste based on the nature of the process generating the waste.
- (4) Analysis for PCBs required if suspected to be present in the waste. A certification of the non-presence of regulated PCBs in the waste may be provided in lieu of laboratory analysis.
- (5) EOX analysis is required if there is a potential for regulated halogenated organic compounds, Dioxins/Furans or PCBs to be present in the waste. A certification of the non-presence of halogenated solvents (RCRA F001 – F005 Solvents), Dioxans/Furans and PCBs in the waste may be provided in lieu of laboratory analysis.
- (6) Analyses for Total Sulfide and/or Cyanide may be substituted for reactive concentrations if they are equal to or less than 10 mg/kg.