

# PEORIA DISPOSAL COMPANY #1

## Acceptance Criteria

### General

- 1) The operator has the right to reject any load or portion of a load.
- 2) Wastes must not contain any free-standing liquids and must not yield any fluid when subjected to the paint filter test.
- 3) Radioactive waste shall not be accepted.
- 4) General refuse and unpermitted waste materials shall not be accepted.
- 5) Exceptions to these criteria may be approved only by the facility's Waste Acceptance Committee (WAC), comprised as follows:
  - Vice President of Facility Operations,
  - Director of PDC #1,
  - Corporate Health and Safety Officer, and
  - Manager, Environmental Affairs.

### Hazardous and Special Waste

- 1) Hazardous and special waste will be accepted, only with a valid IEPA waste stream permit.
- 2) All loads must be easily accessible for inspection at Gate Control.
- 3) Any hazardous wastes, except as approved for treatment prior to disposal, not meeting Federal Land Disposal Restrictions Standards, shall not be accepted.
- 4) Wastes which exhibit the characteristic of corrosivity defined at 35 IAC 721.122 will not be accepted.
- 5) Wastes with a reactive cyanide or a reactive sulfide level >100 ppm will not be approved. Wastes with reactive cyanide or reactive sulfide levels >10 ppm will be approved only with the generator certification required by IEPA.
- 6) Wastes that exhibit an EOX >100 ppm will be accepted only for the following reasons:
  - a) The generator has certified that, "no PCB's, dioxins, or F-listed halogenated compounds are present in the waste or used in the process", and the potential source of EOX is identified, or

- b) The generator has supplied an analysis as determined by WAC for F-listed halogenated compounds or a full 40 CFR Part 268, Appendix III scan for regulated halogenated organic compounds (HOC's) on a representative sample and
  - c) Wastes with more than 80% of the applicable BDAT standard for any regulated solvent will not be acceptable.
  - d) Wastes with PCB concentrations >50 mg/kg are unacceptable, except for wastes with specific RCRA and/or TSCA allowances for greater concentrations.
- 7) Asbestos shall not be accepted.
- 8) Metallic mercury will not be accepted. Organometallic compounds require the approval of the Waste Acceptance Committee.
- 9) PDC reserves the right, at its option and expense, to perform such sampling and analysis it believes is necessary to assure on-going compliance.
- 10) PDC will not accept wastes which will subject facility operating units to the RCRA Subpart CC air emission requirements.

### **Containers**

- 1) Wastes transported in fiber bags, boxes, or steel drums are acceptable. Drums must be 55 gallon 1A2 open top, with ring, gasket and bolt as defined in 49 CFR, 178.504 (a) 2 and (b) 1-9.
- 2) Empty bulk containers (i.e., steel, fiber, or plastic drums, cartons, and sacks) will be accepted only if they are part of an approved special waste permit and meet one of the following conditions:
  - a) They are empty to RCRA definition, intact, with one end open, or
  - b) They are empty to RCRA definition, flattened, with one end open, or
  - c) They are empty to RCRA definition, flattened, with one end open and accompanied by a "RCRA-empty" certification statement for each load.
- 3) Empty drums which previously contained pesticides or herbicides must be triple-rinsed and accompanied by a "RCRA-empty" certification statement for each load.
- 4) Containers will be accepted which have been specifically approved by the Waste Acceptance Committee.

## **Dioxins and Furans**

PDC will not accept waste with regulated dioxin or furan compounds whose concentration levels exceed waste-specific LDR standards as established by the USEPA. In addition, hazardous wastes which are suspected of containing dioxin or furan compounds as noted in the "Basis of Listing" found in 40 CFR, Part 261, Appendix VII, for which LDR standards are not yet established, will be analyzed for dioxins and furans. The results of that analysis will be used in the following manner:

1. Wastestreams with 2,3,7,8-TCDD, 2,3,7,8-PCDF, and 2,3,4,7,8-PeCDF above 1 ppb for each individual congener will be rejected.
2. The other six congeners will be evaluated by multiplying the analyzed value of each congener by the Toxicity Equivalent Factor (TEF) from Table C-4 on the following page. If the Toxicity Equivalent of each congener is less than 1 ppb, the waste may be accepted.

**Table C-4****Toxicity Equivalency Factors (TEF) for CDDs and CDFs**

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Compound	TEF
Mono-, Di-, and Tri-CDDs	0
2,3,7,8-TCDD	1
Other TCDDs	0
2,3,7,8-PeCDD	0.5
Other PeCDDs	0
2,3,7,8-HxCDD	0.1
Other HxCDDs	0
2,3,7,8-HpCDD	0.01
Other HpCDDs	0
OCDD	0.001
Mono-, Di-, and Tri-CDFs	0
2,3,7,8-TCDF	0.1
Other TCDFs	0
1,2,3,7,8-PeCDF	0.05
2,3,4,7,8-PeCDF	0.5
Other PeCDFs	0
2,3,7,8-HxCDF	0.1
Other HxCDFs	0
2,3,7,8-HpCDF	0.01
Other HpCDFs	0
OCDF	0.001

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Source: EPA, 1989.