

waste residues, contaminated containment system components, contaminated subsoils, and structures and equipment contaminated with waste, and manage them as hazardous waste unless §261.3(d) of this chapter applies. The closure plan, closure activities, cost estimates for closure, and financial responsibility for magazines or units must meet all of the requirements specified in subparts G and H of this part, except that the owner or operator may defer closure of the unit as long as it remains in service as a munitions or explosives magazine or storage unit.

(b) If, after removing or decontaminating all residues and making all reasonable efforts to effect removal or decontamination of contaminated components, subsoils, structures, and equipment as required in paragraph (a) of this section, the owner or operator finds that not all contaminated subsoils can be practicably removed or decontaminated, he or she must close the facility and perform post-closure care in accordance with the closure and post-closure requirements that apply to landfills (§264.310).

APPENDIX I TO PART 264—
RECORDKEEPING INSTRUCTIONS

The recordkeeping provisions of §264.73 specify that an owner or operator must keep a written operating record at his facility. This appendix provides additional instructions for keeping *portions* of the operating record. See §264.73(b) for additional recordkeeping requirements.

The following information must be recorded, as it becomes available, and maintained in the operating record until closure of the facility in the following manner:

Records of each hazardous waste received, treated, stored, or disposed of at the facility which include the following:

(1) A description by its common name and the EPA Hazardous Waste Number(s) from part 261 of this chapter which apply to the waste. The waste description also must include the waste's physical form, i.e., liquid, sludge, solid, or contained gas. If the waste is not listed in part 261, subpart D, of this chapter, the description also must include the process that produced it (for example, solid filter cake from production of —, EPA Hazardous Waste Number W051).

Each hazardous waste listed in part 261, subpart D, of this chapter, and each hazardous waste characteristic defined in part 261, subpart C, of this chapter, has a four-

digit EPA Hazardous Waste Number assigned to it. This number must be used for recordkeeping and reporting purposes. Where a hazardous waste contains more than one listed hazardous waste, or where more than one hazardous waste characteristic applies to the waste, the waste description must include all applicable EPA Hazardous Waste Numbers.

(2) The estimated or manifest-reported weight, or volume and density, where applicable, in one of the units of measure specified in Table 1;

TABLE 1

Unit of measure	Code ¹
Gallons	G
Gallons per Hour	E
Gallons per Day	U
Liters	L
Liters per Hour	H
Liters per Day	V
Short Tons per Hour	D
Metric Tons per Hour	W
Short Tons per Day	N
Metric Tons per Day	S
Pounds per Hour	J
Kilograms per Hour	R
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu's per Hour	I
Pounds	P
Short tons	T
Kilograms	K
Tons	M

¹ Single digit symbols are used here for data processing purposes.

(3) The method(s) (by handling code(s) as specified in Table 2) and date(s) of treatment, storage, or disposal.

Table 2—Handling Codes for Treatment, Storage and Disposal Methods

Enter the handling code(s) listed below that most closely represents the technique(s) used at the facility to treat, store or dispose of each quantity of hazardous waste received.

1. Storage

- S01 Container (barrel, drum, etc.)
- S02 Tank
- S03 Waste Pile
- S04 Surface Impoundment
- S05 Drip Pad
- S06 Containment Building (Storage)
- S99 Other Storage (specify)

2. Treatment

- (a) Thermal Treatment—
 - T06 Liquid injection incinerator
 - T07 Rotary kiln incinerator
 - T08 Fluidized bed incinerator
 - T09 Multiple hearth incinerator

T10 Infrared furnace incinerator
 T11 Molten salt destructor
 T12 Pyrolysis
 T13 Wet air oxidation
 T14 Calcination
 T15 Microwave discharge
 T18 Other (specify)

(b) Chemical Treatment—

T19 Absorption mound
 T20 Absorption field
 T21 Chemical fixation
 T22 Chemical oxidation
 T23 Chemical precipitation
 T24 Chemical reduction
 T25 Chlorination
 T26 Chlorinolysis
 T27 Cyanide destruction
 T28 Degradation
 T29 Detoxification
 T30 Ion exchange
 T31 Neutralization
 T32 Ozonation
 T33 Photolysis
 T34 Other (specify)

(c) Physical Treatment—

(1) Separation of components:

T35 Centrifugation
 T36 Clarification
 T37 Coagulation
 T38 Decanting
 T39 Encapsulation
 T40 Filtration
 T41 Flocculation
 T42 Flotation
 T43 Foaming
 T44 Sedimentation
 T45 Thickening
 T46 Ultrafiltration
 T47 Other (specify)

(2) Removal of Specific Components:

T48 Absorption-molecular sieve
 T49 Activated carbon
 T50 Blending
 T51 Catalysis
 T52 Crystallization
 T53 Dialysis
 T54 Distillation
 T55 Electrodialysis
 T56 Electrolysis
 T57 Evaporation
 T58 High gradient magnetic separation
 T59 Leaching
 T60 Liquid ion exchange
 T61 Liquid-liquid extraction
 T62 Reverse osmosis
 T63 Solvent recovery
 T64 Stripping
 T65 Sand filter
 T66 Other (specify)

(d) Biological Treatment

T67 Activated sludge
 T68 Aerobic lagoon
 T69 Aerobic tank

T70 Anaerobic tank
 T71 Composting
 T72 Septic tank
 T73 Spray irrigation
 T74 Thickening filter
 T75 Trickling filter
 T76 Waste stabilization pond
 T77 Other (specify)
 T78-T79 [Reserved]

(e) Boilers and Industrial Furnaces

T80 Boiler
 T81 Cement Kiln
 T82 Lime Kiln
 T83 Aggregate Kiln
 T84 Phosphate Kiln
 T85 Coke Oven
 T86 Blast Furnace
 T87 Smelting, Melting, or Refining Furnace
 T88 Titanium Dioxide Chloride Process Oxidation Reactor
 T89 Methane Reforming Furnace
 T90 Pulping Liquor Recovery Furnace
 T91 Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid
 T92 Halogen Acid Furnaces
 T93 Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)

(f) Other Treatment

T94 Containment Building (Treatment)

3. Disposal

D79 Underground Injection
 D80 Landfill
 D81 Land Treatment
 D82 Ocean Disposal
 D83 Surface Impoundment (to be closed as a landfill)
 D99 Other Disposal (specify)

4. Miscellaneous (Subpart X)

X01 Open Burning/Open Detonation
 X02 Mechanical Processing
 X03 Thermal Unit
 X04 Geologic Repository
 X99 Other Subpart X (specify)

[45 FR 33221, May 19, 1980, as amended at 59 FR 13891, Mar. 24, 1994; 71 FR 40274, July 14, 2006]

APPENDIXES II-III TO PART 264
[RESERVED]

APPENDIX IV TO PART 264—COCHRAN'S APPROXIMATION TO THE BEHRENS-FISHER STUDENTS' T-TEST

Using all the available background data (n_b readings), calculate the background mean (X_b) and background variance ($s_{b,2}$). For the single monitoring well under investigation (n_m reading), calculate the monitoring mean (X_m) and monitoring variance ($s_{m,2}$).

For any set of data (X_1, X_2, \dots, X_n) the mean is calculated by: