

**Environmental Protection Agency**

**Pt. 265, App. IV**

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

[45 FR 33232, May 19, 1980, as amended at 59 FR 13892, Mar. 24, 1994; 71 FR 40276, July 14, 2006]

APPENDIX II TO PART 265 [RESERVED]

APPENDIX III TO PART 265—EPA INTERIM PRIMARY DRINKING WATER STANDARDS

Parameter	Maximum level (mg/l)
Arsenic .....	0.05
Barium .....	1.0
Cadmium .....	0.01
Chromium .....	0.05
Fluoride .....	1.4-2.4
Lead .....	0.05
Mercury .....	0.002
Nitrate (as N) .....	10
Selenium .....	0.01
Silver .....	0.05
Endrin .....	0.0002
Lindane .....	0.004
Methoxychlor .....	0.1
Toxaphene .....	0.005
2,4-D .....	0.1
2,4,5-TP Silver .....	0.01
Radium .....	5 pCi/l
Gross Alpha .....	15 pCi/l
Gross Beta .....	4 millirem/yr
Turbidity .....	1/TU
Coliform Bacteria .....	1/100 ml

[Comment: Turbidity is applicable only to surface water supplies.]

APPENDIX IV TO PART 265—TESTS FOR SIGNIFICANCE

As required in §265.93(b) the owner or operator must use the Student's t-test to determine statistically significant changes in the concentration or value of an indicator parameter in periodic ground-water samples when compared to the initial background concentration or value of that indicator parameter. The comparison must consider individually each of the wells in the monitoring system. For three of the indicator parameters (specific conductance, total organic carbon, and total organic halogen) a single-tailed Student's t-test must be used to test at the 0.01 level of significance for significant increases over background. The difference test for pH must be a two-tailed Student's t-test at the overall 0.01 level of significance.

The student's t-test involves calculation of the value of a t-statistic for each comparison of the mean (average) concentration or value (based on a minimum of four replicate measurements) of an indicator parameter with its initial background concentration or value. The calculated value of the t-statistic must then be compared to the value of the t-statistic found in a table for t-test of significance at the specified level of significance. A calculated value of t which exceeds the value of t found in the table indicates a statistically significant change in the concentration or value of the indicator parameter.