

US EPA ARCHIVE DOCUMENT

**Calculation of Treatment Standards for TC Metals in Stabilized Wastes
Performance Data from Rollins Environmental and GNB**

	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Number of Samples	9	20	12	4	26	17	27	2	22	15	14	15	1	6
Percent Recovery (PR) %	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Accuracy Correction factor (ACF)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean of Corrected Data	0.042	0.024	2.6	0.0042	0.005	0.071	0.12	0.029	0.023	0.055	0.0052	0.092	0.57	0.35
Variability Factor (VF)	1.63	5.9	8.04	2.8	2.8	4.66	6.28	2.8	3.53	2.18	1.63	2.19	2.8	12.2
Formula for Calculating Treatment Standard	EXP(y+2.33*sy)	EXP(y+2.33*sy)	EXP(y+2.33*sy)	Value*2.8	Value*2.8	EXP(y+2.33*sy)	EXP(y+2.33*sy)	value*2.8	EXP(y+2.33*sy)	EXP(y+2.33*sy)	EXP(y+2.33*sy)	EXP(y+2.33*sy)	value*2.8	EXP(y+2.33*sy)
Treatment Standard (TS) (mg/L)	0.068	0.14	21	0.012	0.014	0.33	0.75	0.081	0.081	0.12	0.0085	0.20	1.6	4.3