

Steam Cleaner / Recycling of steam cleaner wash water (004-263)

Constituent	Wastewater (PPM)	EC Water (PPM)	% Removal
Antimony	<0.01	0.014	-
Arsenic	0.30	<0.01	96.7%+
Barium	8.0	<0.10	98.7%+
Beryllium	<0.01	<0.01	-
Cadmium	0.141	0.031	78%
Chromium	7.98	0.05	99.4%
Cobalt	0.13	<0.05	61.5%+
Copper	6.96	<0.05	99.3%+
Lead	7.4	1.74	76.5%
Mercury	0.003	<0.001	66.7%
Molybdenum	0.18	0.035	80.7%
Nickel	0.4	<0.05	99.3%+
Selenium	<0.005	<0.005	-
Silver	<0.01	<0.01	-
Thalliums	<0.10	<0.10	-
Vanadium	0.23	<0.01	95.7%+
Zinc	19.4	1.20	93.8%

Dry sludge separated from the steam cleaner wastewater listed above (005-462)

Element	TTL Raw (mg/kg)	Max State	STLC Raw (mg/l)	Max State
Antimony	2.4	500	-	-
Arsenic	3.85	500	-	-
Barium	307	10,000	-	-
Beryllium	nd	75	-	-
Cadmium	nd	100	-	-
Chromium	59.2	2,500	-	-
Cobalt	10.4	8,000	-	-
Copper	498	2,500	3.8	25
Lead	790	1,000	-	-
Mercury	0.15	20	-	-
Molybdenum	21.3	3,500	-	-
Nickel	25.5	2,000	-	-
Selenium	nd	100	-	-
Silver	2.7	500	-	-
Thalliums	14.2	700	-	-
Vanadium	42.1	2,400	-	-
Zinc	1,798	5,000	60	250
Oil & Grease	89,780	-	-	-