

# Test results for the Tolt Treatment Facility 2004-06

Location: Tolt Treatment

Date: 2/24/04

Client: American Water Services CDM

Arsenic 68 ppm\*

Cadmium 4.1 ppm\*

Chromium 30.2 ppm#

Lead 31.6 ppm

Mercury 0.13 ppm

Boron 29 ppm

Calcium 40500 ppm

Copper 186 ppm

Magnesium 7190 ppm

Nickel 43 ppm

Sodium 238 ppm

Zinc 209 ppm

Location: Tolt Trtmt. Facility, Basin #3

Date: 12/2/05

Client: Snohomish Health District

Arsenic 26.2 ppm\*

Cadmium 6.89 ppm\*

Chromium 20.7 ppm#

Location: Tolt Trtmt. Facility, Stockpile

Date: 12/2/05

Client: Snohomish Health District

Arsenic 6.65 ppm

Cadmium 2.26 ppm\*

Chromium 15.2 ppm

Location: Tolt Trmt. Facility, Basin #3

Date: 12/1/05

Client: Rinker Materials

Arsenic 20 ppm

Cadmium 1.4 ppm

Chromium 22 ppm

Lead 6.1 ppm

Arsenic SPLP 0.09 ppm/ 90 ppb\*\*

Cadmium SPLP 0.054 ppm/ 54 ppb\*\*

Chromium SPLP 0.062 ppm/ 62 ppb\*\*

Lead SPLP 0.09 ppm/ 90 ppb\*\*

Location: Tolt Trmt. Facility, Stockpile

Date: 12/1/05

Client: Rinker Materials

Arsenic 21 ppm\*

Cadmium 0.78 ppm

Chromium 21 ppm#

Lead 5.6 ppm

Mercury 0.06 ppm

Arsenic SPLP ND ppm

Cadmium SPLP 0.012 ppm/12 ppb\*\*

Chromium SPLP 0.016 ppm / 16 ppb

Lead SPLP 0.09 ppm/ 90 ppb\*\*

Location: Rinker Material's IWLF, South

Date: 12/7/05

Client: Rinker Materials

Arsenic 39 ppm\*

Cadmium 2.2 ppm\*

Chromium 30 ppm#

Lead 28 ppm

Mercury 0.07 ppm

Arsenic SPLP ND

Cadmium SPLP 0.010 ppm/ 10 ppb\*\*

Chromium SPLP ND

Lead SPLP ND

Location: Rinker Material's IWLF, North

Date: 12/7/05

Client: Rinker Materials

Arsenic 16 ppm

Cadmium 3.2 ppm\*

Chromium 30 ppm#

Lead 27 ppm

Mercury 0.06 ppm

Arsenic SPLP ND

Cadmium SPLP 0.018 ppm/ 18 ppb\*\*

Chromium SPLP 0.022 ppm/ 22 ppb

Lead SPLP 0.11 ppm/ 110 ppb\*\*

Location: Rinker Material's IWLF, pit

Date: 12/9/05

Client: Snohomish Health District

Arsenic 14.3 ppm

Cadmium 4.94 ppm\*

Chromium 31.5 ppm#

Lead 23.2 ppm

Arsenic SPLP 0.002 ppm/2 ppb\*\*

Cadmium SPLP ND

Chromium SPLP ND

Lead SPLP 0.015 ppm

\*In exceedance of Model Toxic Control Act (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses.

Cleanup level for Arsenic – 20 ppm

Cleanup level for Cadmium - 2 ppm

#MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses.

Chromium VI – 19 ppm

Chromium III – 2,000 ppm

\*\*In exceedance of Department of Ecology's Ground Water Contaminant Levels.

Cleanup level for Arsenic – 0.05 ppb

Cleanup level for Cadmium – 5 ppb

Cleanup level for Chromium (total) – 50 ppb

Cleanup level for Lead – 50 ppb

Cleanup level for Mercury (total) – 2 ppb