

US EPA ARCHIVE DOCUMENT

TCLP Data Provided By Rollins Environmental and GNB (mg/L) -- All Data

| Samples | Waste | Antimony | | | Arsenic | | | Barium | | | Beryllium | | | Cadmium | | | Chromium | | | | | | | | |
|---------|-------|----------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|---------|--------|--------|--------|
| | | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | | | | | | | |
| 1 | | | 0.0897 | -2.4113 | < | 0.0304 | -3.4933 | | 0.1970 | -1.6246 | | 0.0014 | -6.5713 | < | 0.0050 | -5.2983 | | 0.4030 | | | | | | | |
| 2 | | < | 0.0255 | < | 0.0255 | -3.6691 | < | 0.0304 | < | 0.0304 | -3.4933 | | 1.4000 | 0.3930 | -0.9339 | | 0.0118 | < | 0.0050 | -5.2983 | 40.6000 | 2.0400 | | | |
| 3 | | | 3.4800 | 0.0428 | -3.1512 | 0.4420 | < | 0.0304 | -3.4933 | 3.7200 | 0.3690 | -0.9970 | < | 0.0500 | < | 0.0050 | -5.2983 | 284.0000 | 1.0100 | | | | | | |
| 4 | | | | 0.0270 | -3.6119 | < | 0.0304 | -3.4933 | < | 0.0304 | -3.4933 | | 0.8000 | -0.2231 | | < | 0.0050 | -5.2983 | 0.1250 | | | | | | |
| 5 | | | < | 0.0255 | -3.6691 | < | 0.0304 | -3.4933 | | 0.9620 | -0.0387 | | < | 0.0050 | -5.2983 | | 0.6200 | | | | | | | | |
| 6 | | | | 0.0421 | -3.1677 | < | 0.0304 | -3.4933 | | 0.7320 | -0.3120 | | < | 0.0050 | -5.2983 | | 0.1570 | | | | | | | | |
| 7 | | | < | 0.0255 | -3.6691 | < | 0.0304 | -3.4933 | | 0.8420 | -0.1720 | | < | 0.0050 | -5.2983 | | 0.1710 | | | | | | | | |
| 8 | | | 3.1300 | 0.0499 | -2.9977 | 0.4340 | < | 0.0304 | -3.4933 | 0.2470 | 0.3160 | -1.1520 | < | 0.0500 | < | 0.0050 | -5.2983 | 317.0000 | 1.4000 | | | | | | |
| 9 | | | 16.1000 | 0.0382 | -3.2649 | 2.0300 | < | 0.0304 | -3.4933 | 0.0764 | 0.2970 | -1.2140 | | 0.0979 | < | 0.0050 | -5.2983 | 1580.00 | < | 0.0028 | | | | | |
| 10 | | | 0.8100 | 0.0411 | -3.1917 | < | 0.0304 | < | 0.0304 | -3.4933 | 13.5000 | 0.6480 | -0.4339 | | 0.0081 | < | 0.0050 | -5.2983 | 0.0056 | 0.0939 | | | | | |
| 11 | | | | | | 0.0482 | 0.0995 | -2.3076 | | 0.2280 | 0.2880 | -1.2448 | | < | 0.0050 | < | 0.0050 | -5.2983 | < | 0.0028 | < | 0.0028 | | | |
| 12 | | | | | | < | 2.5200 | < | 0.0176 | -4.0399 | < | 0.2400 | 0.4158 | -0.8776 | | 1220.00 | 0.0815 | -2.5072 | < | 0.6100 | < | 0.0057 | | | |
| 13 | | | 0.4210 | 0.0590 | -2.8302 | < | 0.0300 | 0.0330 | -3.4112 | 1.6700 | 1.1800 | 0.1655 | < | 0.0050 | < | 0.0050 | -5.2983 | < | 0.0050 | < | 0.0050 | | | | |
| 14 | | | 0.5970 | < | 0.0200 | -3.9120 | < | 0.0300 | < | 0.0300 | -3.5066 | 0.2450 | < | 0.0100 | -4.6052 | 0.0160 | < | 0.0050 | -5.2983 | 4.1500 | < | 0.0050 | | | |
| 15 | | | 0.2350 | 0.2870 | -1.2483 | 0.4890 | < | 0.0304 | -3.4933 | 0.1450 | 0.5430 | -0.6106 | | | 0.4110 | < | 0.0050 | -5.2983 | 0.6390 | 0.0987 | | | | | |
| 16 | | | | | | 1.3100 | 0.0534 | -2.9299 | 2.3200 | 0.3650 | -1.0079 | | < | 0.0500 | < | 0.0050 | -5.2983 | < | 0.0280 | < | 0.0028 | | | | |
| 17 | | | | 0.0365 | -3.3104 | < | 0.0304 | -3.4933 | | 0.3110 | -1.1680 | | | < | 0.0050 | -5.2983 | | 0.0028 | | | | | | | |
| 18 | | | | | | 0.5000 | < | 0.0304 | -3.4933 | 0.2940 | 1.1500 | 0.1398 | < | 0.0500 | < | 0.0050 | -5.2983 | 0.0390 | < | 0.0028 | | | | | |
| 19 | | | | | | < | 0.0304 | < | 0.0304 | -3.4933 | 0.1960 | 0.7310 | -0.3133 | | 0.0154 | < | 0.0050 | -5.2983 | < | 0.0028 | < | 0.0028 | | | |
| 20 | | | | | | 0.1310 | < | 0.0304 | -3.4933 | 0.1840 | 0.6350 | -0.4541 | | < | 0.0050 | < | 0.0050 | -5.2983 | < | 0.0018 | < | 0.0028 | | | |
| 21 | | | | 0.0690 | -2.6736 | < | 0.0300 | -3.5066 | | 0.4630 | -0.7700 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0340 | | | | |
| 22 | | | | | | 0.0482 | 0.0995 | -2.3076 | 0.2280 | 0.2880 | -1.2448 | | < | 0.0050 | < | 0.0050 | -5.2983 | < | 0.0028 | < | 0.0028 | | | | |
| 23 | | | 0.8100 | 0.0411 | -3.1917 | < | 0.0304 | < | 0.0304 | -3.4933 | 13.5000 | 0.6480 | -0.4339 | | 0.0081 | < | 0.0050 | -5.2983 | 0.0056 | 0.0939 | | | | | |
| 24 | | | < | 3.0000 | < | 0.0300 | -3.5066 | < | 3.0000 | < | 0.0300 | -3.5066 | < | 1.0000 | 1.2600 | 0.2311 | < | 0.5000 | < | 0.0050 | -5.2983 | 13.0000 | < | 0.0050 | |
| 25 | | | | 0.0520 | -2.9565 | < | 0.0300 | -3.5066 | | 0.3230 | -1.1301 | | < | 0.0050 | -5.2983 | | 0.0310 | -3.4738 | < | 0.0050 | | | | | |
| 26 | | | | 1.8400 | 0.6098 | | 0.4290 | -0.8463 | | 0.4450 | -0.8097 | | < | 0.0050 | -5.2983 | | 0.0090 | -4.7105 | < | 0.0050 | | | | | |
| 27 | | | | 0.0460 | -3.0791 | < | 0.0300 | -3.5066 | | 0.4170 | -0.8747 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0090 | | | | |
| 28 | | | | 9.8900 | 2.2915 | | 1.2000 | 0.1823 | | 0.6300 | -0.4620 | | < | 0.0050 | -5.2983 | | 0.0120 | -4.4228 | < | 0.0050 | | | | | |
| 29 | | | < | 0.0300 | 0.0490 | -3.0159 | 0.1790 | 0.3090 | -1.1744 | 0.0450 | 0.3630 | -1.0134 | < | 0.0050 | < | 0.0050 | -5.2983 | 0.0080 | < | 0.0050 | 0.0100 | < | 0.0050 | | |
| 30 | | | < | 0.0300 | < | 0.0300 | -3.5066 | 0.5220 | < | 0.0300 | -3.5066 | 0.0190 | 1.1500 | 0.1398 | < | 0.0050 | < | 0.0050 | -5.2983 | 0.0100 | < | 0.0050 | 0.0110 | < | 0.0050 |
| 31 | | | | 0.4340 | 0.0440 | -3.1236 | 33.1000 | 0.3200 | -1.1394 | 0.1100 | 0.7260 | -0.3202 | 0.0080 | < | 0.0050 | -5.2983 | 0.5080 | < | 0.0050 | -5.2983 | < | 0.0050 | 0.2320 | | |
| 32 | | | | | | < | 3.0400 | 0.0563 | -2.8771 | < | 0.1400 | 0.8150 | -0.2046 | | 11.7000 | < | 0.0050 | -5.2983 | < | 0.2800 | < | 0.0028 | | | |
| 33 | | | | | | < | 3.0400 | < | 0.0304 | -3.4933 | < | 0.1400 | 0.9000 | -0.1054 | | 0.2390 | < | 0.0050 | -5.2983 | < | 0.0280 | < | 0.0028 | | |
| 34 | | | | | | < | 3.0400 | < | 0.0304 | -3.4933 | 0.3200 | 0.7830 | -0.2446 | | < | 0.5000 | < | 0.0050 | -5.2983 | < | 0.2800 | < | 0.0028 | | |
| 35 | | | | | | < | 0.0304 | 0.0486 | -3.0241 | 0.0739 | 0.3570 | -1.0300 | < | 0.0050 | 0.3300 | < | 0.0050 | -5.2983 | 0.0922 | < | 0.0028 | | | | |
| 36 | | | | < | 0.0178 | -4.0286 | 1.1000 | < | 0.0176 | -4.0399 | 0.5800 | 0.4933 | -0.7066 | < | 0.0050 | < | 0.0017 | -6.3771 | 2.3000 | < | 0.0013 | -6.6454 | 0.0240 | < | 0.0057 |
| 37 | | | | 0.0496 | -3.0038 | < | 0.0304 | -3.4933 | | 0.7800 | -0.2485 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0028 | | | |
| 38 | | | | 0.0587 | -2.8353 | | 0.3100 | -1.1712 | | 0.7020 | -0.3538 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0028 | | | |
| 39 | | | | 0.0476 | -3.0449 | | 0.0581 | -2.8456 | | 0.7980 | -0.2256 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0227 | | | |
| 40 | | | | 0.0407 | -3.2015 | | 0.4170 | -0.8747 | | 0.4610 | -0.7744 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0573 | | | |
| 41 | | | | 0.0482 | -3.0324 | | 0.2990 | -1.2073 | | 0.6520 | -0.4277 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0104 | | | |
| 42 | | | | 0.1170 | -2.1456 | | 0.4080 | -0.8965 | | 0.6910 | -0.3696 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0046 | | | |
| 43 | | | | 0.0480 | -3.0366 | | 0.0320 | -3.4420 | | 0.2530 | -1.3744 | | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0800 | | | |
| 44 | | | 0.2440 | < | 0.0300 | -3.5066 | < | 0.0300 | 0.0320 | -3.4420 | < | 0.0100 | 0.5850 | -0.5361 | < | 0.0050 | < | 0.0050 | -5.2983 | 0.4230 | < | 0.0050 | < | 0.0050 | |
| 45 | | | | 0.0360 | -3.3242 | | < | 0.0300 | -3.5066 | | 0.5350 | -0.6255 | | < | 0.0050 | -5.2983 | | 0.0090 | -4.7105 | < | 0.0050 | < | 0.0050 | | |
| 46 | | | | 0.0500 | -2.9957 | | < | 0.0300 | -3.5066 | | 0.5200 | -0.6539 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0050 | | | |
| 47 | | | | 0.0350 | -3.3524 | | 0.0410 | -3.1942 | | 0.6130 | -0.4894 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | 0.0050 | | | | |

US EPA ARCHIVE DOCUMENT

TCLP Data Provided By Rollins Environmental and GNB (mg/L) -- All Data

| Samples | Waste | Antimony | | | Arsenic | | | Barium | | | Beryllium | | | Cadmium | | | Chromium | | | | | | | | |
|---------|-------|------------------|---------|---------|---------|---------|--------|---------|---------|---------|-----------|---------|--------|---------|-----------|--------|----------|-----------|---------|---------|-----------|--------|--------|---|--------|
| | | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | | | | | | | |
| 48 | | | 0.6480 | -0.4339 | | < | 0.0300 | -3.5066 | | 0.6240 | -0.4716 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | | 1.6600 | | | |
| 49 | | | 0.0460 | -3.0791 | | < | 0.0300 | -3.5066 | | 0.7610 | -0.2731 | | < | 0.0050 | -5.2983 | | | 0.0050 | -5.2983 | | < | 0.0050 | | | |
| 50 | | | 0.0580 | -2.8473 | | < | 0.0300 | -3.5066 | | 0.7450 | -0.2944 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | < | 0.0050 | | | |
| 51 | | | 0.0360 | -3.3242 | | < | 0.0300 | -3.5066 | | 0.8520 | -0.1602 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | < | 0.0050 | | | |
| 52 | | | 0.0600 | -2.8134 | | | 0.0300 | -3.5066 | | 0.9120 | -0.0921 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | < | 0.0050 | | | |
| 53 | | | 0.0480 | -3.0366 | | | 0.0370 | -3.2968 | | 0.4330 | -0.8370 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | < | 0.0050 | | | |
| 54 | | | 0.0460 | -3.0791 | | < | 0.0300 | -3.5066 | | 0.6740 | -0.3945 | | < | 0.0050 | -5.2983 | | | 0.0160 | -4.1352 | | < | 0.0050 | | | |
| 55 | | | 0.0340 | -3.3814 | | < | 0.0300 | -3.5066 | | 0.8300 | -0.1863 | | < | 0.0050 | -5.2983 | | < | 0.0050 | -5.2983 | | < | 0.0050 | | | |
| 56 | | < | 0.0200 | | | | 0.1240 | | | 0.8280 | | | < | 0.0050 | | | | 3200.00 | | | 0.1730 | | | | |
| 57 | | < | 0.0200 | | | | 0.2080 | | | 0.8020 | | | < | 0.0050 | | | | 4280.00 | | | 0.2150 | | | | |
| 58 | | < | 0.0255 | | | < | 0.0304 | | | 0.3440 | | | | | | | | 0.2250 | | | 0.0846 | | | | |
| 59 | | | | | | < | 3.0400 | | | 0.3100 | | | | | | | | 4090.00 | | | < | 0.2800 | | | |
| 60 | | < | 2.5500 | | | < | 3.0400 | | | 0.2100 | | | | | | | | 1680.00 | | | < | 0.2800 | | | |
| 61 | | | | | | < | 0.0304 | | | 0.3890 | | | | | | | | 3.6600 | | | 0.0037 | | | | |
| 62 | | < | 0.0255 | | | | 0.2810 | | | 0.0237 | | | | | | | | 3260.00 | | | 0.1730 | | | | |
| 63 | | | | | | 0.1980 | < | 0.0050 | -5.2983 | 10.2000 | 2.5000 | 0.9163 | | | | | | 2.3200 | < | 0.0050 | -5.2983 | < | 0.0200 | < | 0.0200 |
| 64 | | | | | | 0.8110 | < | 0.0050 | -5.2983 | 82.0000 | 8.4000 | 2.1282 | | | | | | 0.0470 | < | 0.0050 | -5.2983 | | 0.7500 | < | 0.0200 |
| 65 | | | | | | 0.4000 | < | 0.0050 | -5.2983 | 24.1000 | 8.9000 | 2.1861 | | | | | | 0.0400 | < | 0.0050 | -5.2983 | | 0.2100 | < | 0.0200 |
| 66 | | | | | | 0.1850 | < | 0.0050 | -5.2983 | 16.9000 | 2.4000 | 0.8755 | | | | | | 1.0600 | < | 0.0050 | -5.2983 | < | 0.0200 | < | 0.0200 |
| 67 | | | | | | 0.1590 | < | 0.0050 | -5.2983 | 13.4000 | 2.6000 | 0.9555 | | | | | | 1.4600 | < | 0.0050 | -5.2983 | < | 0.0200 | < | 0.0200 |
| 68 | | | | | | 0.1480 | < | 0.0050 | -5.2983 | 11.4000 | 2.6000 | 0.9555 | | | | | | 1.2700 | < | 0.0050 | -5.2983 | < | 0.0200 | < | 0.0200 |
| | | # of Obs: | 19 | 44 | 44 | 39 | 61 | 61 | 39 | 61 | 61 | 11 | 26 | 26 | 39 | 61 | 61 | 39 | 61 | 61 | 39 | 61 | | | |
| | | # of NDs: | 9 | 8 | 44 | 17 | 41 | 61 | 5 | 1 | 61 | 9 | 25 | 26 | 8 | 54 | 61 | 8 | 54 | 61 | 19 | 40 | | | |
| | | Minimum: | 0.0200 | 0.0178 | -4.0286 | 0.0300 | 0.0050 | -5.2983 | 0.0100 | 0.0100 | -4.6052 | 0.0050 | 0.0014 | -6.5713 | 0.0050 | 0.0013 | -6.6454 | 0.0050 | 0.0013 | -6.6454 | 0.0018 | 0.0028 | | | |
| | | Mean: | 1.6836 | 0.3285 | -2.8582 | 1.6377 | 0.0881 | -3.2631 | 5.1676 | 1.0011 | -0.4398 | 0.0513 | 0.0047 | -5.3888 | 455.7899 | 0.0070 | -5.1920 | 455.7899 | 0.0070 | -5.1920 | 57.0880 | 0.1410 | | | |
| | | Maximum: | 16.1000 | 9.8900 | 2.2915 | 33.1000 | 1.2000 | 0.1823 | 82.0000 | 8.9000 | 2.1861 | 0.5000 | 0.0050 | -5.2983 | 4280.0000 | 0.0815 | -2.5072 | 4280.0000 | 0.0815 | -2.5072 | 1580.0000 | 2.0400 | | | |
| | | Std: | 3.6887 | 1.5023 | 1.1445 | 5.2863 | 0.1800 | 1.1318 | 13.9120 | 1.5197 | 0.9043 | 0.1489 | 0.0009 | 0.3207 | 1171.1805 | 0.0104 | 0.5009 | 1171.1805 | 0.0104 | 0.5009 | 259.1531 | 0.3958 | | | |

US EPA ARCHIVE DOCUMENT

TCLP Data Provided By Rollins Environmental and GNB (mg/L) -- All Data

| Samples | Waste | (LN) | Lead | | (LN) | Nickel | | (LN) | Selenium | | (LN) | Silver | | (LN) | Thallium | | Raw | | | |
|---------|-------|---------|----------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---|
| | | | Raw | Treated | | Raw | Treated | | Raw | Treated | | Raw | Treated | | Raw | Treated | | | | |
| 1 | | -0.9088 | < | 0.0296 | -3.5200 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | 0.0700 | -2.6593 | < | | |
| 2 | | 0.7129 | < | 0.0296 | -3.5200 | 0.0442 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | 0.1100 | -2.2073 | < | |
| 3 | | 0.0100 | < | 0.0296 | -3.5200 | 0.3630 | < | 0.0150 | -4.1997 | < | 0.3840 | -3.2597 | < | 0.0910 | -5.3817 | < | 1.1000 | -2.2073 | < | |
| 4 | | -2.0794 | < | 0.0296 | -3.5200 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | < | 0.1100 | -2.2073 | < | |
| 5 | | -0.4780 | < | 0.0296 | -3.5200 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | < | 0.1100 | -2.2073 | < | |
| 6 | | -1.8515 | < | 0.0296 | -3.5200 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | < | 0.1100 | -2.2073 | < | |
| 7 | | -1.7661 | < | 0.0296 | -3.5200 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | < | 0.1100 | -2.2073 | < | |
| 8 | | 0.3365 | < | 0.2960 | -3.5200 | 0.6070 | < | 0.0150 | -4.1997 | < | 0.3840 | -3.2597 | < | 0.0910 | -5.3817 | < | 1.1000 | -2.2073 | < | |
| 9 | | -5.8781 | < | 0.2960 | -3.5200 | 3.0400 | < | 0.0150 | -4.1997 | < | 0.3840 | -3.2597 | < | 0.0910 | -5.3817 | < | 1.1000 | -2.2073 | < | |
| 10 | | -2.3655 | 50.7000 | < | 0.0296 | -3.5200 | 0.2180 | < | 0.0150 | -4.1997 | < | 0.3840 | -3.2597 | < | 0.0910 | < | 0.0780 | -2.5510 | < | |
| 11 | | -5.8781 | 0.2880 | < | 0.0296 | -3.5200 | 0.0694 | < | 0.0150 | -4.1997 | 0.0621 | 0.1290 | -2.0479 | < | 0.0046 | < | 0.0780 | -2.5510 | < | |
| 12 | | -5.1673 | 13.0000 | < | 0.0217 | -3.8304 | < | 0.0880 | -2.4304 | < | 2.7100 | 0.1164 | -2.1507 | < | 0.0577 | -2.8525 | < | 0.8137 | -2.062 | < |
| 13 | | -5.2983 | 390.0000 | < | 0.0300 | -3.5066 | 0.1450 | < | 0.0100 | -4.6052 | < | 0.0500 | -2.9957 | < | 0.0500 | -2.9957 | < | 0.0700 | -2.6593 | < |
| 14 | | -5.2983 | 114.0000 | < | 0.0300 | -3.5066 | 0.2340 | < | 0.0500 | -2.9957 | < | 0.0500 | -2.7969 | < | 0.0050 | -2.9957 | < | 0.0500 | -2.9957 | < |
| 15 | | -2.3157 | 2690.00 | < | 0.0296 | -3.5200 | 0.0686 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0091 | < | 0.0780 | -2.5510 | < | |
| 16 | | -5.8781 | 900.0000 | 1.1400 | 0.1310 | < | 0.1500 | < | 0.0150 | -4.1997 | < | 0.3840 | 0.1320 | -2.0250 | < | 0.0910 | < | 0.0780 | -2.5510 | < |
| 17 | | -5.8781 | < | 0.0296 | -3.5200 | < | 0.0401 | -3.2164 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | < | 0.0780 | -2.5510 | < | |
| 18 | | -5.8781 | 4430.00 | < | 0.0296 | -3.5200 | 0.1660 | < | 0.0150 | -4.1997 | < | 0.3840 | -3.2597 | < | 0.0910 | < | 0.0780 | -2.5510 | < | |
| 19 | | -5.8781 | 77.2000 | < | 0.0296 | -3.5200 | < | 0.0150 | -4.1997 | < | 0.0384 | 0.1090 | -2.2164 | < | 0.0091 | < | 0.0780 | -2.5510 | < | |
| 20 | | -5.8781 | 8.6700 | 0.4400 | -0.8210 | < | 0.0150 | -4.1997 | < | 0.0384 | 0.0669 | -2.7046 | < | 0.0091 | < | 0.0780 | -2.5510 | < | | |
| 21 | | -3.3814 | < | 0.0300 | -3.5066 | < | 0.0050 | -5.2983 | < | 0.0300 | -1.1744 | < | 0.0050 | -5.2983 | < | < | 0.0500 | -2.9957 | < | |
| 22 | | -5.8781 | 0.2880 | < | 0.0296 | -3.5200 | 0.0694 | < | 0.0150 | -4.1997 | 0.0621 | 0.1290 | -2.0479 | < | 0.0046 | < | 0.0780 | -2.5510 | < | |
| 23 | | -2.3655 | 50.7000 | < | 0.0296 | -3.5200 | 0.2180 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0091 | < | 0.0780 | -2.5510 | < | |
| 24 | | -4.1997 | 220.0000 | 0.3100 | -1.1712 | < | 1.0000 | < | 0.0100 | -4.6052 | < | 5.0000 | -2.9957 | < | 5.0000 | < | 0.0700 | -2.6593 | < | |
| 25 | | -5.2983 | < | 0.0300 | -3.5066 | < | 0.0380 | -3.2702 | < | 0.0500 | -2.9957 | < | 0.0500 | -2.9957 | < | < | 0.0700 | -2.6593 | < | |
| 26 | | -5.2983 | 0.1900 | -1.6607 | < | 0.0100 | -4.6052 | < | 0.0630 | -2.7646 | < | 0.0500 | -2.9957 | < | < | 0.0700 | -2.6593 | < | | |
| 27 | | -4.7105 | < | 0.0300 | -3.5066 | < | 0.0100 | -4.6052 | < | 0.0500 | -2.9957 | < | 0.0500 | -2.9957 | < | < | 0.0700 | -2.6593 | < | |
| 28 | | -5.2983 | < | 0.0300 | -3.5066 | < | 0.0100 | -4.6052 | < | 0.0500 | -2.9957 | < | 0.0500 | -2.9957 | < | < | 0.0700 | -2.6593 | < | |
| 29 | | -5.2983 | 1400.00 | 0.4690 | -0.7572 | 0.0900 | 0.0950 | -2.3539 | < | 0.0500 | -2.9957 | < | 0.0050 | -5.2983 | < | 0.0700 | -2.6593 | < | | |
| 30 | | -5.2983 | 1900.00 | 1.0900 | 0.0862 | 0.1010 | < | 0.0100 | -4.6052 | < | 0.0500 | -2.9957 | < | 0.0500 | -2.9957 | < | 0.0700 | -2.6593 | < | |
| 31 | | -1.4610 | 0.0610 | < | 0.0300 | -3.5066 | 0.0760 | 0.0080 | -4.8283 | < | 0.0500 | -2.9957 | < | 0.0050 | -5.2983 | < | 0.0780 | -2.9957 | 0.0150 | |
| 32 | | -5.8781 | 338.0000 | 0.1490 | -1.9038 | < | 1.5000 | < | 0.0150 | -4.1997 | < | 3.8400 | 0.0756 | -2.5823 | < | 0.9100 | 0.0090 | -4.7105 | < | |
| 33 | | -5.8781 | 783.0000 | < | 0.0296 | -3.5200 | < | 0.1500 | -3.3610 | < | 0.3840 | -3.2597 | < | 0.0910 | -4.8409 | < | 0.7800 | -2.5510 | < | |
| 34 | | -5.8781 | 1280.00 | 0.6450 | -0.4385 | < | 1.5000 | < | 0.0150 | -4.1997 | < | 3.8400 | -3.2597 | < | 0.4600 | < | 0.0780 | -2.5510 | < | |
| 35 | | -5.8781 | 18.8000 | 0.0377 | -3.2781 | 2.2200 | 0.0951 | -2.3528 | 0.1100 | 0.7070 | -0.3467 | < | 0.0091 | < | 0.0780 | -2.5510 | < | | | |
| 36 | | -5.1673 | 3.8000 | < | 0.0217 | -3.8304 | 1.0000 | 0.2810 | -1.2694 | 0.5600 | 0.0697 | -2.6636 | < | 0.0140 | < | 0.0780 | -2.5510 | < | | |
| 37 | | -5.8781 | < | 0.0065 | -5.0360 | < | 0.0150 | -4.1997 | < | 0.0782 | -2.5485 | < | 0.0046 | -5.3817 | < | < | 0.0780 | -2.5510 | < | |
| 38 | | -5.8781 | < | 0.0065 | -5.0360 | < | 0.0150 | -4.1997 | < | 0.0384 | -3.2597 | < | 0.0046 | -5.3817 | < | < | 0.0780 | -2.5510 | < | |
| 39 | | -3.7854 | < | 0.0100 | -4.6052 | < | 0.0150 | -4.1997 | < | 0.0793 | -2.5345 | < | 0.0046 | -5.3817 | < | < | 0.0780 | -2.5510 | < | |
| 40 | | -2.8595 | < | 0.0065 | -5.0360 | < | 0.0150 | -4.1997 | < | 0.2220 | -1.5051 | < | 0.0046 | -5.3817 | < | < | 0.0780 | -2.5510 | < | |
| 41 | | -4.5659 | < | 0.0065 | -5.0360 | < | 0.0150 | -4.1997 | < | 0.1150 | -2.1628 | < | 0.0046 | -5.3817 | < | < | 0.0780 | -2.5510 | < | |
| 42 | | -5.3817 | < | 0.0065 | -5.0360 | < | 0.0150 | -4.1997 | < | 0.0700 | -2.6593 | < | 0.0050 | -5.2983 | < | < | 0.0500 | -2.9957 | < | |
| 43 | | -2.5257 | < | 0.0300 | -3.5066 | < | 0.4230 | -0.8604 | < | 0.0500 | -2.9957 | < | 0.0050 | -5.2983 | < | < | 0.0500 | -2.9957 | < | |
| 44 | | -5.2983 | 246.0000 | < | 0.0300 | -3.5066 | 0.0740 | < | 0.0100 | -4.6052 | < | 0.0500 | -2.9957 | < | 0.0700 | < | 0.0700 | -2.6593 | < | |
| 45 | | -5.2983 | < | 0.2180 | -1.5233 | < | 0.0050 | -5.2983 | < | 0.1830 | -1.6983 | < | 0.0050 | -5.2983 | < | < | 0.0500 | -2.9957 | < | |
| 46 | | -5.2983 | < | 3.0800 | 1.1249 | < | 0.0080 | -4.8283 | < | 0.8100 | -0.2107 | < | 0.0050 | -5.2983 | < | < | 0.0500 | -2.9957 | < | |
| 47 | | -5.2983 | < | 0.5390 | -0.6180 | < | 0.0100 | -4.6052 | < | 0.1010 | -2.2926 | < | 0.0050 | -5.2983 | < | < | 0.0500 | -2.9957 | < | |

US EPA ARCHIVE DOCUMENT

TCLP Data Provided By Rollins Environmental and GNB (mg/L) -- All Data

| Samples | Waste | (LN) | Lead | | (LN) | Nickel | | (LN) | Selenium | | (LN) | Silver | | (LN) | Thallium | | Raw | | |
|---------|------------------|---------|-----------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|----------|---------|---------|---------|--------|
| | | | Raw | Treated | | Raw | Treated | | Raw | Treated | | Raw | Treated | | Raw | Treated | | | |
| 48 | | 0.5068 | | 0.1010 | -2.2926 | < | 0.0050 | -5.2983 | | 0.2190 | -1.5187 | < | 0.0050 | -5.2983 | | 0.1280 | -2.0557 | | |
| 49 | | -5.2983 | | 0.1040 | -2.2634 | < | 0.0050 | -5.2983 | | 0.0520 | -2.9565 | < | 0.0050 | -5.2983 | < | 0.0500 | -2.9957 | | |
| 50 | | -5.2983 | | 0.0950 | -2.3539 | | 0.0110 | -4.5099 | < | 0.0500 | -2.9957 | < | 0.0050 | -5.2983 | < | 0.0500 | -2.9957 | | |
| 51 | | -5.2983 | | 0.0410 | -3.1942 | < | 0.0100 | -4.6052 | | 0.0700 | -2.6593 | < | 0.0050 | -5.2983 | < | 0.0700 | -2.6593 | < | |
| 52 | | -5.2983 | < | 0.0300 | -3.5066 | < | 0.0100 | -4.6052 | | 0.0800 | -2.5257 | < | 0.0050 | -5.2983 | < | 0.0700 | -2.6593 | < | |
| 53 | | -5.2983 | < | 0.0300 | -3.5066 | < | 0.0100 | -4.6052 | | 0.0500 | -2.9957 | < | 0.0050 | -5.2983 | < | 0.0700 | -2.6593 | < | |
| 54 | | -5.2983 | | 0.0680 | -2.6882 | | 0.0100 | -4.6052 | | 0.0500 | -2.9957 | < | 0.0050 | -5.2983 | < | 0.0700 | -2.6593 | | |
| 55 | | -5.2983 | | 0.7220 | -0.3257 | < | 0.0050 | -5.2983 | | 0.1230 | -2.0956 | < | 0.0050 | -5.2983 | < | 0.0500 | -2.9957 | | |
| 56 | | | 0.0750 | | | | 0.1850 | | < | 0.0500 | | < | 0.0050 | | 4.7700 | | < | 0.0050 | |
| 57 | | | 1.3800 | | | | 0.1970 | | < | 0.0500 | | < | 0.0050 | | 3.4200 | | < | 0.0050 | |
| 58 | | | 0.0415 | | | < | 0.0150 | | | 0.1320 | | < | 0.0046 | | 0.1100 | | | | |
| 59 | | < | 2.9600 | | | < | 2.0800 | | | 3.8400 | | < | 0.4600 | | 7.8000 | | | | |
| 60 | | < | 2.9600 | | | < | 1.5000 | | | 3.8400 | | < | 0.4600 | | 7.8000 | | | | |
| 61 | | | 0.1640 | | | < | 0.0150 | | | 0.0384 | | < | 0.0046 | | 0.0780 | | | | |
| 62 | | | 1670.00 | | | | 0.2280 | | | 0.0384 | | < | 0.0046 | | 5.7500 | | | | |
| 63 | | -3.9120 | 874.0000 | < | 0.1000 | -2.3026 | | | | 0.1100 | < | 0.0500 | -2.9957 | < | 0.0100 | < | 0.0100 | -4.6052 | |
| 64 | | -3.9120 | 5.0000 | < | 0.1000 | -2.3026 | | | | 0.0500 | < | 0.0500 | -2.9957 | < | 0.0100 | < | 0.0100 | -4.6052 | |
| 65 | | -3.9120 | < | 0.1000 | < | 0.1000 | -2.3026 | | | 0.0500 | < | 0.0500 | -2.9957 | < | 0.0100 | < | 0.0100 | -4.6052 | |
| 66 | | -3.9120 | 282.0000 | | 0.3000 | -1.2040 | | | | 0.1100 | | 0.0500 | -2.9957 | < | 0.0100 | < | 0.0100 | -4.6052 | |
| 67 | | -3.9120 | 215.0000 | | 0.1000 | -2.3026 | | | | 0.1300 | | 0.0600 | -2.8134 | < | 0.0100 | < | 0.0100 | -4.6052 | |
| 68 | | -3.9120 | 898.0000 | < | 0.1000 | -2.3026 | | | | 0.1000 | | 0.0900 | -2.4079 | < | 0.0100 | < | 0.0100 | -4.6052 | |
| | # of Obs: | 61 | 39 | 61 | 61 | | 33 | 55 | 55 | 39 | 61 | 61 | 39 | 61 | 61 | 33 | 55 | 55 | 10 |
| | # of NDs: | 61 | 7 | 41 | 61 | | 11 | 41 | 55 | 30 | 32 | 61 | 39 | 59 | 61 | 24 | 51 | 55 | 9 |
| | Minimum: | -5.8781 | 0.0296 | 0.0065 | -5.0360 | | 0.0150 | 0.0050 | -5.2983 | 0.0384 | 0.0384 | -3.2597 | 0.0046 | 0.0046 | -5.3817 | 0.0700 | 0.0500 | -2.9957 | 0.0050 |
| | Mean: | -4.2116 | 483.7651 | 0.1834 | -2.8859 | | 0.7925 | 0.0310 | -4.1313 | 0.7155 | 0.0954 | -2.6965 | 0.3595 | 0.0145 | -4.7922 | 2.0757 | 0.0932 | -2.5306 | 0.3055 |
| | Maximum: | 0.7129 | 4430.0000 | 3.0800 | 1.1249 | | 8.8000 | 0.4230 | -0.8604 | 5.0000 | 0.8100 | -0.2107 | 5.7700 | 0.0577 | -2.8525 | 7.8000 | 0.8137 | -0.2062 | 3.0000 |
| | Std: | 1.8874 | 906.8499 | 0.4467 | 1.3720 | | 1.6286 | 0.0673 | 0.8851 | 1.3844 | 0.1338 | 0.6790 | 1.2007 | 0.0185 | 0.9397 | 2.9855 | 0.1028 | 0.4317 | 0.9468 |

| Samples | Waste | Vanadium | | Zinc | | Mercury | | | |
|---------|-------|----------|---------|----------|----------|---------|----------|----------|---------|
| | | Treated | (LN) | Raw | Treated | (LN) | Raw | Treated | (LN) |
| 1 | | 0.0041 | -5.4968 | | < 0.0082 | -4.8036 | | < 0.0080 | -4.8283 |
| 2 | | | | | | | < 0.0080 | | |
| 3 | | | | | | | < 0.0080 | | |
| 4 | | | | | | | < 0.0080 | -4.8283 | |
| 5 | | | | | | | < 0.0080 | -4.8283 | |
| 6 | | | | | | | < 0.0080 | -4.8283 | |
| 7 | | | | | | | < 0.0080 | -4.8283 | |
| 8 | | | | | | | < 0.0080 | | |
| 9 | | | | | | | < 0.0080 | | |
| 10 | | | | | | | < 0.0080 | | |
| 11 | | | | | | | < 0.0080 | | |
| 12 | | | | | | | < 0.0080 | | |
| 13 | | 0.0050 | -5.2983 | 44.2000 | < 0.5000 | -0.6931 | < 0.0080 | | |
| 14 | | 0.0050 | -5.2983 | | < 0.0100 | -4.6052 | < 0.0080 | | |
| 15 | | | | | | | < 0.0080 | | |
| 16 | | | | | | | < 0.0080 | | |
| 17 | | | | | | | < 0.0080 | 0.0080 | |
| 18 | | | | | | | < 0.0080 | | |
| 19 | | | | | | | < 0.0080 | | |
| 20 | | | | | | | < 0.0080 | | |
| 21 | | 0.0210 | -3.8632 | | 0.0430 | -3.1466 | < 0.0080 | 0.0080 | -4.8283 |
| 22 | | | | | | | < 0.0080 | | |
| 23 | | | | | | | < 0.0080 | | |
| 24 | | 0.0050 | -5.2983 | 3100.00 | < 0.5000 | -0.6931 | < 0.0080 | | |
| 25 | | 0.0110 | -4.5099 | | < 0.5000 | -0.6931 | < 0.0080 | 0.0080 | -4.8283 |
| 26 | | 0.0120 | -4.4228 | | < 0.5000 | -0.6931 | < 0.0080 | 0.0080 | -4.8283 |
| 27 | | 0.0110 | -4.5099 | | < 0.5000 | -0.6931 | < 0.0080 | 0.0080 | -4.8283 |
| 28 | | 0.0120 | -4.4228 | | < 0.5000 | -0.6931 | < 0.0080 | 0.0080 | -4.8283 |
| 29 | | 0.0050 | -5.2983 | 0.2950 | 0.0630 | -2.7646 | 0.0080 | | |
| 30 | | 0.0050 | -5.2983 | 1.2000 | < 0.5000 | -0.6931 | < 0.0080 | | |
| 31 | | 0.0310 | -3.4738 | 3.1300 | 0.0320 | -3.4420 | < 0.0080 | | |
| 32 | | | | | | | 0.0320 | | |
| 33 | | | | | | | < 0.0080 | | |
| 34 | | | | | | | < 0.0080 | | |
| 35 | | | | | | | < 0.0080 | | |
| 36 | | 0.5661 | -0.5690 | 170.0000 | 27.7400 | 3.3229 | < 0.0200 | 0.0080 | -4.8283 |
| 37 | | | | | | | < 0.0080 | 0.0080 | -4.8283 |
| 38 | | | | | | | < 0.0080 | 0.0080 | -4.8283 |
| 39 | | | | | | | < 0.0080 | 0.0080 | -4.8283 |
| 40 | | | | | | | < 0.0080 | 0.0080 | -4.8283 |
| 41 | | | | | | | < 0.0080 | 0.0080 | -4.8283 |
| 42 | | | | | | | 0.0110 | -4.5099 | |
| 43 | | 0.0800 | -2.5257 | | 0.0380 | -3.2702 | < 0.0080 | 0.0080 | -4.8283 |
| 44 | | 0.0050 | -5.2983 | 2.2200 | < 0.5000 | -0.6931 | < 0.0080 | | |
| 45 | | 0.0050 | -5.2983 | | 0.1060 | -2.2443 | < 0.0080 | 0.0080 | -4.8283 |
| 46 | | 0.0050 | -5.2983 | | 1.0000 | 0.0000 | < 0.0080 | 0.0080 | -4.8283 |
| 47 | | 0.0050 | -5.2983 | | 0.2870 | -1.2483 | < 0.0080 | 0.0080 | -4.8283 |

| Samples | Waste | Vanadium | | Raw | Zinc | | Raw | Mercury | | | |
|---------|------------------|----------|---------|-----------|---------|---------|---------|---------|---------|---------|---------|
| | | Treated | (LN) | | Treated | (LN) | | Treated | (LN) | | |
| 48 | | 0.0140 | -4.2687 | | 1.1100 | 0.1044 | | < | 0.0080 | -4.8283 | |
| 49 | | 0.0080 | -4.8283 | | 0.3920 | -0.9365 | | < | 0.0080 | -4.8283 | |
| 50 | | 0.0050 | -5.2983 | | 0.0420 | -3.1701 | | | 0.0120 | -4.4228 | |
| 51 | | 0.0050 | -5.2983 | | 0.3240 | -1.1270 | | < | 0.0080 | -4.8283 | |
| 52 | | 0.0050 | -5.2983 | | 0.2070 | -1.5750 | | < | 0.0080 | -4.8283 | |
| 53 | | 0.0050 | -5.2983 | | 0.9200 | -0.0834 | | < | 0.0080 | -4.8283 | |
| 54 | | 0.0060 | -5.1160 | | < | 0.5000 | -0.6931 | < | 0.0080 | -4.8283 | |
| 55 | | 0.0060 | -5.1160 | | 1.2000 | 0.1823 | | < | 0.0080 | -4.8283 | |
| 56 | | | | 430.0000 | | | < | 0.0080 | | | |
| 57 | | | | 257.0000 | | | | 0.1050 | | | |
| 58 | | | | | | | < | 0.0080 | | | |
| 59 | | | | | | | < | 0.0080 | | | |
| 60 | | | | | | | < | 0.0080 | | | |
| 61 | | | | | | | < | 0.0080 | | | |
| 62 | | | | | | | < | 0.0080 | | | |
| 63 | | | | | | | | 0.1100 | < | 0.0500 | -2.9957 |
| 64 | | | | | | | < | 0.0020 | < | 0.0020 | -6.2146 |
| 65 | | | | | | | < | 0.0020 | < | 0.0020 | -6.2146 |
| 66 | | | | | | | < | 0.0020 | < | 0.0020 | -6.2146 |
| 67 | | | | | | | < | 0.0020 | < | 0.0020 | -6.2146 |
| 68 | | | | | | | < | 0.0020 | < | 0.0020 | -6.2146 |
| | # of Obs: | 26 | 26 | 9 | 26 | 26 | 39 | 36 | 36 | | |
| | # of NDs: | 13 | 26 | 0 | 11 | 26 | 35 | 34 | 36 | | |
| | Minimum: | 0.0041 | -5.4968 | 0.2950 | 0.0082 | -4.8036 | 0.0020 | 0.0020 | -6.2146 | | |
| | Mean: | 0.0326 | -4.6923 | 445.3383 | 1.4624 | -1.3479 | 0.0133 | 0.0085 | -4.8157 | | |
| | Maximum: | 0.5661 | -0.5690 | 3100.0000 | 27.7400 | 3.3229 | 0.1100 | 0.0500 | 0.0000 | | |
| | Std: | 0.1099 | 1.0965 | 1006.6580 | 5.3706 | 1.7184 | 0.0227 | 0.0075 | 1.0218 | | |