

ENVIRONMENTAL PROTECTION COMMISSION

TABLE 1. Coronet Industries Special Study Results

September 25, 2003

| | 29 | 63 | 8 | 38 | *** | *** | 130 | 5 | *** | 5 | *** | *** |
|--|---------|-----------|---------|----------|---------|-----------|---------|----------|---------|----------|--------|----------|
| Leachability Based on Groundwater | 29 | 63 | 8 | 38 | *** | *** | 130 | 5 | *** | 5 | *** | *** |
| Direct Exposure-Industrial (mg/kg) | 3.7 | 800 | 1300 | 420 | 920 | 22000 | 28000 | 240 | 110000 | 10000 | 160000 | 500 |
| Direct Exposure-Residential (mg/kg) | 0.8 | 120 | 75 | 210 | 400 | 1600 | 110 | 26 | 4700 | 390 | 7000 | 120000 |
| Florida Background (mg/kg)** | 1.34 | 0.67 | 0.07 | 15.9 | 11.2 | 48.8 | 13 | 0.28 | NR | 0.25 | NR | NR |
| | Arsenic | Beryllium | Cadmium | Chromium | Lead | Manganese | Nickel | Antimony | Cobalt | Selenium | Boron | Fluoride |
| MDL | 0.3581 | 0.0120 | 0.0141 | 0.1459 | 0.1160 | 0.0319 | 0.7667 | 2.0629 | 0.0410 | 0.1616 | 2.5* | 0.5000 |
| Lab ID / Sample Location | | | | | | | | | | | | |
| 5000 | <0.3581 | 0.1280 | 0.1250 | 3.6700 | 5.4600 | 24.5000 | 2.2300 | <2.0629 | <0.0410 | <0.1616 | <2.5 | 1.9 |
| 801 Alsobrook 2.1 | | | | | | | | | | | | |
| 5001 | <0.3581 | 0.1420 | 0.0181 | 3.0700 | 3.7000 | 12.4000 | 1.6200 | <2.0629 | <0.0410 | <0.1616 | <2.5 | 1.1 |
| 801 Alsobrook 2.3 | | | | | | | | | | | | |
| 5002 | <0.3581 | 0.6510 | 1.5000 | 24.5000 | 20.7000 | 89.3000 | 3.3000 | <2.0629 | 0.6250 | <0.1616 | 6.9 | 1.8 |
| P.C. Golf Club 4.1 | | | | | | | | | | | | |
| 5003 | <0.3581 | 0.7670 | 1.8700 | 25.0000 | 16.0000 | 93.1000 | 3.0500 | <2.0629 | 0.6160 | <0.1616 | 8.2 | 2.5 |
| P.C. Golf Club 4.3 | | | | | | | | | | | | |
| 5004 | <0.3581 | 0.4230 | 1.9700 | 13.2000 | 22.1000 | 38.1000 | 2.6600 | <2.0629 | 0.5860 | <0.1616 | 3.6 | 5.0 |
| Clemons Rd. 6.1 | | | | | | | | | | | | |
| 5005 | <0.3581 | 0.5010 | 2.3500 | 16.3000 | 26.5000 | 44.4000 | 3.1300 | <2.0629 | 0.6930 | <0.1616 | 2.9 | 5.1 |
| Clemons Rd. 6.3 | | | | | | | | | | | | |
| 5006 | <0.3581 | 0.4740 | 1.9500 | 17.3000 | 47.4000 | 35.8000 | 3.6100 | <2.0629 | 0.4730 | <0.1616 | 2.8 | 4.3 |
| Coronet & Cason 10.1 | | | | | | | | | | | | |
| 5007 | <0.3581 | 0.4090 | 1.5300 | 13.0000 | 39.8000 | 28.3000 | 2.6300 | <2.0629 | 0.3520 | <0.1616 | 3.1 | 6.0 |
| Coronet & Cason 10.3 | | | | | | | | | | | | |
| 5008 | <0.3581 | 0.1720 | 0.5250 | 7.7300 | 12.6000 | 66.5000 | 1.6400 | <2.0629 | 0.1770 | <0.1616 | 3.5 | 2.4 |
| 2119 S. Wiggins Rd. 17.1 | | | | | | | | | | | | |
| 5009 | <0.3581 | 0.1390 | 0.1790 | 4.9800 | 11.1000 | 28.6000 | 0.7720 | <2.0629 | 0.0437 | <0.1616 | <2.5 | 2.6 |
| 2119 S. Wiggins Rd. 17.3 | | | | | | | | | | | | |
| 5010 | <0.3581 | 0.0973 | 0.0920 | 4.1800 | 3.6200 | 43.5000 | <0.7667 | <2.0629 | <0.0410 | <0.1616 | <2.5 | 2.1 |
| 3711 Futch Rd. 21.1 | | | | | | | | | | | | |
| 5011 | <0.3581 | 0.0977 | 0.0727 | 4.4700 | 4.2500 | 22.0000 | <0.7667 | <2.0629 | <0.0410 | <0.1616 | <2.5 | 0.8 |
| 3711 Futch Rd. 21.3 | | | | | | | | | | | | |
| * Estimated ** Mean Background for Florida Soils (Lena Q. Ma, 1977) *** Leachability Values may be derived by the SPLP Test to Calculate Site Specific Concentration Target Levels | | | | | | | | | | | | |
| **** Direct Exposure Based on Acute Toxicity All values in mg/kg, NR - Not Reported, MDL - Minimum Detection Level | | | | | | | | | | | | |

| Comparison of Metal Concentrations in the Upper Inch and Underlying Soils* At Selected Locations | | | | | | | | | | | |
|---|---------|-------------|-------------|-------------------|-------------------|-------------------|-------------|----------|-------------|----------|------------|
| Coronet Industries Special Study Results | | | | | | | | | | | |
| TABLE 2. | | | | | | | | | | | |
| Samples Collected September 25, 2003 | | | | | | | | | | | |
| Concentrations in mg/kg | | | | | | | | | | | |
| Metal | Arsenic | Beryllium | Cadmium | Chromium | Lead | Manganese | Nickel | Antimony | Cobalt | Selenium | Boron |
| Sample Location | | | | | | | | | | | |
| 801 Alsobrook | NC | -0.01 | <u>0.11</u> | 0.6 | 1.76 | 12.1 | 0.61 | NC | NC | NC | NC |
| (Background) | 0% | -7% | <u>88%</u> | 16% | 32% | 49% | 27% | 0% | 0% | 0% | 0% |
| PC Golf Club | NC | -0.12 | -0.37 | -0.5 | 4.7 | -3.8 | 0.25 | NC | 0.01 | NC | -1.3 |
| (Background) | 0% | -16% | -20% | -2% | 23% | -4% | 8% | 0% | 2% | 0% | -16% |
| Clemons Rd. | NC | -0.8 | -0.38 | -3.1 | -4.4 | -6.3 | -0.44 | NC | -0.11 | NC | 0.7 |
| | 0% | -16% | -16% | -19% | -17% | -14% | -14% | 0% | -16% | 0% | 19% |
| Coronet & Cason | NC | 0.07 | 0.42 | 4.3 | 7.6 | 7.5 | 1.01 | NC | 0.12 | NC | -0.3 |
| | 0% | 15% | 22% | <u>25%</u> | 16% | 21% | 28% | 0% | 25% | 0% | -10% |
| 2119 S. Wiggins | NC | 0.03 | 0.35 | 2.75 | 1.5 | 37.9 | 0.87 | NC | 4.05 | NC | 1 |
| | 0% | 17% | 67% | 36% | <u>12%</u> | <u>57%</u> | 53% | 0% | 23% | 0% | 29% |
| 3711 Futch Rd. | NC | NC | 0.02 | -0.29 | -0.63 | 21.5 | NC | NC | NC | NC | NC |
| (New Site) | 0% | 0% | 22% | -6% | -15% | 49% | 0% | 0% | 0% | 0% | 0% |
| * Underlying Soils collected at a depth of approximately 1 to 3 inches | | | | | | | | | | | |
| Underlined Values - Indicate Location Where Increase in the Upper Inch is above approximate published background values | | | | | | | | | | | |
| NC = No change or result below minimum detection level | | | | | | | | | | | |
| Percentage values are calculated by dividing the highest concentration by the differential | | | | | | | | | | | |