

Curraigh Compliance Audit - July 13-17/87

| Water Licence Monitoring Station | Sample # | Lab Id | CN Analysis* | C - composite # | Time span of composite | Date July/87 | Time | Temp | D.O. | Cond | pH |
|----------------------------------|----------------|---------------|--------------|-----------------|------------------------|---------------|------|------|------|------|------|
| X - 5 | 2.1 | 1 | X | C | 14:00 hr | 14 | 930 | | | 720 | 7.2 |
| | 2.2 | 2 | | G | | 14 | 1000 | 14 | 7.6 | 790 | 7.2 |
| | 2.3 | 3 | | G | | 14 | 1830 | 19 | 7.8 | 800 | 7.4 |
| | 2.4 | 4 | X | C | 14:00 hr | 15 | 930 | | | | 7.8 |
| | 2.5 | 5 | | G | | 15 | 1000 | 14.6 | 8 | 780 | 7.7 |
| | 2.6 | 6 | | G | | 15 | 1630 | 15 | 7.8 | 780 | 7.6 |
| | 2.7 | 7 | X | C | 15:30 hr | 16 | 930 | | | | 7.6 |
| | 2.8 | 8 | | G | | 16 | 945 | 14.5 | 7.1 | 780 | 7.7 |
| | 2.9 | 9 | | G | | 16 | 1320 | 15.5 | 8.4 | 800 | 7.5 |
| X - 13 | 3.1 | 10 | X | C | 14:10 hr | 14 | 910 | | | 496 | 6.8 |
| | 3.2 | 11 | | G | | 14 | 1430 | 5 | 8.7 | 740 | 6.8 |
| | 3.3 | 12 | | G | | 14 | 1800 | 5 | 5.4 | 800 | 7.25 |
| | 3.4 | 13 | X | C | 13:45 hr | 15 | 900 | | | 850 | 7.2 |
| | 3.5 | 14 | | G | | 15 | 900 | 3.2 | 4.8 | 750 | 6.8 |
| | 3.6 | 15 | | G | | 15 | 1615 | 6 | 5 | 800 | 7.4 |
| | 3.7 | 16 | X | C | 14:30 hr | 16 | 830 | | | 910 | 7.5 |
| | 3.8 | 17 | | G | | 16 | 845 | 3.5 | 4.7 | 750 | 6.6 |
| | 3.9 | 18 | | G | | 16 | 1305 | 8 | 5.4 | 900 | 7.5 |
| X - 3 | 1.1 | 19 | | G | | 14 | 1100 | 11 | 9 | 60 | 7.55 |
| | 1.2 | 20 | | G | | 14 | 1530 | 13 | 8.8 | 60 | 7.8 |
| | 1.3 | 21 | X | C | 14:15 hr | 15 | 1045 | | | 65 | 7.4 |
| | 1.4 | 22 | | G | | 15 | 1310 | 12.6 | 9.1 | 60 | 7.6 |
| | 1.5 | 23 | | C | 16:30 hr | 16 | 1030 | | | 60 | 7.5 |
| | 1.6 | 24 | | G | | 16 | | | | | |
| Sewage lagoon | 4.1 | 25 | | G | | 15 | | | | | |
| X - 16A | 4.2 | 26 | | G | | 16 | | 4.2 | | 220 | |
| X - 16B | 4.3 | 27 | | G | | 16 | | 4 | | 145 | |

*Analyses done on filtered water and sediments.

007523

J. Eamer

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

X-5 X-5 X-5 X-5 X-5

| Parameter Analyzed | Units | effluent | | | effluent | | |
|------------------------------|--------------|------------|------------|------------|------------|------------|-----|
| | | 870561-001 | 870561-002 | 870561-003 | 870561-004 | 870561-005 | |
| ALKALINITY | mg/l | 82.5 | 82.5 | 86.1 | 84.5 | 84.5 | |
| CONDUCTIVITY | umho/cm/1000 | 1000 | 1000 | 980 | 980 | 980 | |
| CYANATE | mg/l | .207 | - | - | .18 | - | |
| CYANIDE | mg/l | 0.03 | - | - | 0.04 | - | |
| | ug | - | - | - | - | - | |
| CYANIDE/WEAK ACID DISSOC. | mg/l | <0.03 | - | - | <0.03 | - | |
| METALS/EXT. (WATER-ICP SCAN) | | | | | | | |
| AL | mg/l | .06 | .07 | .05 | .06 | .06 | |
| AS | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| B | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| BA | mg/l | .072 | .098 | .101 | .077 | .092 | |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| CA | mg/l | 108 | 111 | 108 | 104 | 105 | |
| CD | mg/l | .003 | .003 | .005 | .003 | .003 | |
| CO | mg/l | .008 | <.005 | .006 | .008 | .01 | |
| CR | mg/l | <.005 | <.005 | <.005 | <.005 | .007 | |
| CU | mg/l | .024 | .012 | .015 | .038 | .012 | |
| FE | mg/l | .136 | .176 | .145 | .151 | .146 | |
| MG | mg/l | 18.4 | 18.2 | 19.3 | 18.6 | 18.6 | |
| MN | mg/l | 1.16 | 1.22 | 1.24 | 1.18 | 1.18 | |
| MO | mg/l | .011 | .017 | .011 | .019 | .008 | |
| NA | mg/l | 78.6 | 80.8 | 83.6 | 80.7 | 80.7 | |
| NI | mg/l | <.02 | <.02 | .03 | <.02 | .03 | |
| P | mg/l | .06 | .12 | .06 | .06 | .05 | |
| PB | mg/l | .11 | .15 | .16 | .13 | .19 | |
| SB | mg/l | <.05 | <.05 | .06 | .05 | <.05 | |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| SI | mg/l | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 | |
| SR | mg/l | .266 | .128 | .275 | .264 | .266 | |
| TI | mg/l | <.002 | .003 | .003 | .003 | .003 | |
| V | mg/l | <.005 | <.005 | .006 | .007 | .006 | |
| ZN | mg/l | .118 | .139 | .152 | .146 | .148 | |
| METALS/EXT: HARDNESS/CA+MG | HC | mg/l | 347 | 351 | 350 | 336 | 339 |
| METALS/EXT: HARDNESS/TOTAL | HT | mg/l | 350 | 354 | 353 | 340 | 342 |
| METALS/TOTAL (WATER-ICP) | | | | | | | |
| AL | mg/l | .06 | .09 | .05 | .09 | .09 | |
| AS | mg/l | .09 | <.05 | <.05 | <.05 | <.05 | |
| B | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| BA | mg/l | .077 | .099 | .103 | .08 | .099 | |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| CA | mg/l | 112 | 114 | 109 | 107 | 111 | |
| CD | mg/l | <.002 | .002 | <.002 | <.002 | <.002 | |
| CO | mg/l | .014 | .011 | <.005 | <.005 | .005 | |
| CR | mg/l | <.005 | <.005 | <.005 | <.005 | <.005 | |
| CU | mg/l | .027 | .011 | .016 | .042 | .69 | |
| FE | mg/l | .109 | .177 | .151 | .169 | .149 | |
| MG | mg/l | 19 | 19.9 | 19.4 | 19.1 | 19.7 | |
| MN | mg/l | 1.2 | 1.21 | 1.25 | 1.22 | 1.25 | |
| MO | mg/l | .023 | .016 | .012 | .016 | .012 | |
| NA | mg/l | 80.5 | 82 | 83.8 | 82.9 | 85.4 | |
| NI | mg/l | .03 | .02 | .03 | .02 | <.02 | |
| P | mg/l | .06 | .12 | .06 | .06 | .06 | |
| PB | mg/l | .13 | .15 | .22 | .13 | .19 | |

RESULTS FOR CURRAGH RESOURCES, YULON SAMPLES

X-5 X-5 X-5 X-5 *comp.*

| Parameter Analyzed | Units | effluent | | effluent | | effluent | | effluent | |
|--------------------------|--------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | 870561-001 | 870561-002 | 870561-003 | 870561-004 | 870561-005 | 870561-006 | 870561-007 | 870561-008 |
| METALS/TOTAL (WATER-ICP) | | | | | | | | | |
| SB | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 |
| SI | mg/l | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 | <.01 | <.01 | <.01 |
| SR | mg/l | .278 | .277 | .279 | .275 | .285 | .285 | .285 | .285 |
| TI | mg/l | .005 | .003 | <.002 | <.002 | .003 | .003 | .003 | .003 |
| V | mg/l | .007 | <.005 | <.005 | <.005 | <.005 | <.005 | <.005 | <.005 |
| ZN | mg/l | .174 | .144 | .152 | .146 | .63 | .63 | .63 | .63 |
| NITROGEN/AMMONIA | mg/l | .433 | .43 | .431 | .414 | .424 | .424 | .424 | .424 |
| PH | Rel.U. | 7.8 | 7.9 | 7.8 | 8.0 | 7.8 | 7.8 | 7.8 | 7.8 |
| RESIDUE/FILTERABLE | mg/l | 775 | 769 | 754 | 743 | 763 | 763 | 763 | 763 |
| RESIDUE/NON-FILTERABLE | mg/l | <5 | <5 | <5 | 14 | <5 | <5 | <5 | <5 |
| SULPHATE | mg/l | 310 | 350 | 330 | 340 | 340 | 340 | 340 | 340 |
| THIOCYANATE | mg/l | 13.6 | - | - | 15.0 | - | - | - | - |

RESULTS FOR CURRAGH RESOURCES, YLON SAMPLES

| Parameter Analyzed | Units | X-5 | | X-5 | | X-13 | |
|------------------------------|---------|------------|------------|------------|------------|------------|------------|
| | | 870561-006 | 870561-007 | 870561-008 | 870561-009 | 870561-010 | 870561-010 |
| ALKALINITY | mg/l | 84.5 | 84.5 | 84.4 | 84.5 | 144 | |
| CONDUCTIVITY | umho/cm | 980 | 980 | 980 | 980 | 1280 | |
| CYANATE | mg/l | - | .198 | - | - | <.005 | |
| CYANIDE | mg/l | - | 0.03 | - | - | <0.03 | |
| | ug | - | - | - | - | - | |
| CYANIDE/WEAK ACID DISSOC. | mg/l | - | <0.03 | - | - | <0.03 | |
| METALS/EXT. (WATER-ICP SCAN) | | | | | | | |
| AL | mg/l | .06 | .06 | .06 | <.05 | .08 | |
| AS | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| B | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| BA | mg/l | .1 | .079 | .089 | .089 | .087 | |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| CA | mg/l | 110 | 104 | 103 | 105 | 187 | |
| CD | mg/l | .006 | .003 | .005 | <.002 | <.002 | |
| CO | mg/l | .011 | .01 | .013 | .009 | .009 | |
| CR | mg/l | .007 | <.005 | .007 | <.005 | <.005 | |
| CU | mg/l | .019 | .017 | .017 | .008 | <.005 | |
| FE | mg/l | .172 | .165 | .141 | .147 | 1.01 | |
| MG | mg/l | 19.2 | 18.5 | 18.4 | 18.6 | 31.5 | |
| MN | mg/l | 1.23 | 1.19 | 1.17 | 1.21 | 3.59 | |
| MO | mg/l | .013 | .018 | .033 | .02 | <.005 | |
| NA | mg/l | 82.5 | 79.9 | 79.8 | 80 | 63.2 | |
| NI | mg/l | .03 | .03 | <.02 | <.02 | <.02 | |
| P | mg/l | .06 | .05 | .09 | .08 | .14 | |
| PB | mg/l | .21 | .17 | .23 | .14 | <.02 | |
| SB | mg/l | .06 | <.05 | .07 | <.05 | <.05 | |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| SI | mg/l | 1.4 | 1.3 | 1.3 | 1.3 | 4.6 | |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 | |
| SR | mg/l | .275 | .264 | .263 | .268 | .545 | |
| TI | mg/l | .007 | <.002 | .005 | <.002 | <.002 | |
| V | mg/l | .01 | <.005 | .016 | <.005 | <.005 | |
| ZN | mg/l | .148 | .149 | .147 | .143 | .022 | |
| METALS/EXT: HARDNESS/CA+MG | | | | | | | |
| HC | mg/l | 354 | 336 | 333 | 340 | 597 | |
| METALS/EXT: HARDNESS/TOTAL | | | | | | | |
| HT | mg/l | 357 | 339 | 336 | 343 | 606 | |
| METALS/TOTAL (WATER-ICP) | | | | | | | |
| AL | mg/l | <.05 | .07 | <.05 | <.05 | .09 | |
| AS | mg/l | <.05 | .06 | <.05 | <.05 | <.05 | |
| B | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| BA | mg/l | .103 | .09 | .095 | .096 | .095 | |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| CA | mg/l | 113 | 116 | 109 | 110 | 200 | |
| CD | mg/l | <.002 | <.002 | .002 | .002 | <.002 | |
| CO | mg/l | .01 | .011 | .011 | <.005 | .013 | |
| CR | mg/l | <.005 | <.005 | .011 | .006 | <.005 | |
| CU | mg/l | .019 | .021 | .026 | .018 | <.005 | |
| FE | mg/l | .116 | .179 | .12 | .154 | 1.06 | |
| MG | mg/l | 19.7 | 20.6 | 19.3 | 19.3 | 33.6 | |
| MN | mg/l | 1.26 | 1.32 | 1.25 | 1.27 | 3.85 | |
| MO | mg/l | .012 | .02 | .034 | .023 | <.005 | |
| NA | mg/l | 84.1 | 88.9 | 83.5 | 82.6 | 67.3 | |
| NI | mg/l | .03 | .04 | .04 | .02 | <.02 | |
| P | mg/l | .07 | .05 | .09 | .08 | .14 | |
| PB | mg/l | .28 | .17 | .25 | .21 | <.02 | |

RESULTS FROM CURRAGH RESOURCES, YULON SAMPLES

X-13
wsp

| Parameter Analyzed | Units | effluent | | | effluent | |
|--------------------------|---------|-------------|-------------|-------------|-------------|-------------|
| | | 1870561-006 | 1870561-007 | 1870561-008 | 1870561-009 | 1870561-010 |
| METALS/TOTAL (WATER-ICP) | | | | | | |
| SB | mg/l | <.05 | <.05 | .08 | .05 | <.05 |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| SI | mg/l | 1.3 | 1.3 | 1.3 | 1.4 | 5.1 |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 |
| SR | mg/l | .286 | .298 | .28 | .282 | .589 |
| TI | mg/l | .006 | .004 | .008 | .006 | <.002 |
| V | mg/l | .012 | .008 | .026 | .008 | <.005 |
| ZN | mg/l | .149 | .161 | .156 | .149 | .029 |
| NITROGEN/AMMONIA | mg/l | .432 | .416 | .408 | .423 | .537 |
| PH | Rel. U. | 7.8 | 7.9 | 8.2 | 8.2 | 8.3 |
| RESIDUE/FILTERABLE | mg/l | 767 | 780 | 778 | 760 | 1070 |
| RESIDUE/NON-FILTERABLE | mg/l | <5 | 7 | <5 | <5 | <5 |
| SULPHATE | mg/l | 340 | 340 | 340 | 350 | 520 |
| THIOCYANATE | mg/l | - | 15.0 | - | - | <.5 |

RESULTS FOR CURRAGH RESOURCES, YULON SAMPLES

X-13

| Parameter Analyzed | Units | effluent | X-13 | X-13 Comp | X-13 | X-13 | |
|------------------------------|---------|------------|------------|------------|------------|------------|-----|
| | | 870561-011 | 870561-012 | 870561-013 | 870561-014 | 870561-015 | |
| ALKALINITY | mg/l | 147 | 144 | 144 | 144 | 144 | |
| CONDUCTIVITY | umho/cm | 1280 | 1280 | 1280 | 1280 | 1280 | |
| CYANATE | mg/l | .063 | - | - | - | - | |
| CYANIDE | mg/l | <0.03 | - | - | - | - | |
| | ug | - | - | - | - | - | |
| CYANIDE/WEAK ACID DISSOC. | mg/l | <0.03 | - | - | - | - | |
| METALS/EXT. (WATER ICP SCAN) | | | | | | | |
| AL | mg/l | <.05 | .1 | <.05 | .06 | .07 | |
| AS | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| B | mg/l | .003 | <.001 | <.001 | <.001 | <.001 | |
| BA | mg/l | .078 | .09 | .089 | .09 | .088 | |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| CA | mg/l | 182 | 183 | 188 | 186 | 185 | |
| CD | mg/l | <.002 | <.002 | <.002 | <.002 | <.002 | |
| CO | mg/l | .01 | .009 | .011 | .008 | .009 | |
| CR | mg/l | <.005 | <.005 | <.005 | <.005 | <.005 | |
| CU | mg/l | <.005 | <.005 | <.005 | <.005 | <.005 | |
| FE | mg/l | 1.01 | .986 | 1.01 | 1.01 | 1.02 | |
| MG | mg/l | 31.1 | 31.8 | 32 | 32.4 | 31.8 | |
| MN | mg/l | 3.46 | 3.46 | 3.67 | 3.63 | 3.73 | |
| MO | mg/l | .017 | <.005 | .011 | .009 | .007 | |
| NA | mg/l | 61 | 61.6 | 63.5 | 62.3 | 62.7 | |
| NI | mg/l | <.02 | <.02 | <.02 | <.02 | <.02 | |
| P | mg/l | .06 | .11 | .12 | .12 | .06 | |
| PB | mg/l | <.02 | <.02 | .03 | <.02 | <.02 | |
| SB | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | |
| SI | mg/l | 4.4 | 4.6 | 4.7 | 4.7 | 4.5 | |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 | |
| SR | mg/l | .539 | .537 | .553 | .545 | .543 | |
| TI | mg/l | <.002 | <.002 | <.002 | .014 | <.002 | |
| V | mg/l | <.005 | <.005 | .007 | <.005 | <.005 | |
| ZN | mg/l | .008 | .006 | .008 | .008 | .011 | |
| METALS/EXT. :HARDNESS/CA+MG | HC | mg/l | 582 | 588 | 602 | 597 | 593 |
| METALS/EXT: HARDNESS/TOTAL | HT | mg/l | 591 | 597 | 611 | 607 | 602 |
| METALS/TOTAL (WATER-ICP) | | | | | | | |
| AL | mg/l | <.05 | .11 | .09 | .09 | .08 | |
| AS | mg/l | <.05 | <.05 | <.05 | .08 | <.05 | |
| B | mg/l | .001 | <.001 | <.001 | <.001 | <.001 | |
| BA | mg/l | .087 | .106 | .095 | .099 | .102 | |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 | |
| CA | mg/l | 191 | 207 | 200 | 194 | 203 | |
| CD | mg/l | <.002 | <.002 | <.002 | <.002 | <.002 | |
| CO | mg/l | .017 | .02 | .013 | .018 | .02 | |
| CR | mg/l | <.005 | <.005 | <.005 | <.005 | <.005 | |
| CU | mg/l | <.005 | <.005 | <.005 | <.005 | .006 | |
| FE | mg/l | 1 | 1.07 | 1.03 | 1.01 | 1.05 | |
| MG | mg/l | 32.4 | 35.9 | 33.6 | 33.8 | 35.1 | |
| MN | mg/l | 3.65 | 3.94 | 3.88 | 3.85 | 4.14 | |
| MO | mg/l | <.005 | .005 | .007 | .007 | .012 | |
| NA | mg/l | 63.7 | 69.6 | 67.5 | 65 | 69.4 | |
| NI | mg/l | <.02 | <.02 | <.02 | <.02 | <.02 | |
| P | mg/l | .06 | .13 | .1 | .13 | <.05 | |
| PB | mg/l | <.02 | <.02 | <.02 | <.02 | <.02 | |

RESULTS FOR CURRAGH RESOURCES, YOUNG BAY SAMPLES

| Parameter Analyzed | Units | effluent | | | | |
|--------------------------|---------|------------|------------|------------|------------|------------|
| | | 870561-011 | 870561-012 | 870561-013 | 870561-014 | 870561-015 |
| METALS/TOTAL (WATER-ICP) | | | | | | |
| SB | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| SI | mg/l | 4.5 | 5.1 | 5 | 4.9 | 5.2 |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 |
| SR | mg/l | .572 | .621 | .592 | .585 | .617 |
| TI | mg/l | <.002 | <.002 | <.002 | .015 | <.002 |
| V | mg/l | .007 | <.005 | <.005 | .007 | .007 |
| ZN | mg/l | .007 | .008 | .007 | .011 | .016 |
| NITROGEN/AMMONIA | mg/l | .5 | .563 | .534 | .513 | .523 |
| PH | Rel. U. | 8.2 | 8.2 | 8.3 | 8.2 | 8.2 |
| RESIDUE/FILTERABLE | mg/l | 1060 | 1080 | 1090 | 1030 | 1050 |
| RESIDUE/NON-FILTERABLE | mg/l | 5 | 6 | 7 | 5 | 5 |
| SULPHATE | mg/l | 520 | 520 | 540 | 520 | 530 |
| THIOCYANATE | mg/l | <0.5 | - | - | - | - |

RESULTS FOR CURRAGH RESOURCES, YOUNG SAMPLES

| Parameter Analyzed | Units | X-13 | | | X-3 | |
|------------------------------|---------|-------------|-------------|-------------|-------------|-------------|
| | | 1870561-016 | 1870561-017 | 1870561-018 | 1870561-019 | 1870561-020 |
| ALKALINITY | mg/l | 141 | 149 | 146 | 36.1 | 36.1 |
| CONDUCTIVITY | umho/cm | 1280 | 1230 | 1250 | 85 | 85 |
| CYANATE | mg/l | .273 | - | - | <.005 | - |
| CYANIDE | mg/l | <.003 | - | - | <.003 | - |
| CYANIDE/WEAK ACID DISSOC. | ug | - | - | - | - | - |
| METALS/EXT. (WATER ICP SCAN) | mg/l | <.003 | - | - | <.003 | - |
| AL | mg/l | .3 | .1 | .16 | <.05 | <.05 |
| AS | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| B | mg/l | <.001 | <.001 | <.001 | .002 | .003 |
| BA | mg/l | .091 | .092 | .094 | .02 | .021 |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 |
| CA | mg/l | 183 | 182 | 184 | 11.5 | 11.3 |
| CD | mg/l | <.002 | <.002 | <.002 | <.002 | <.002 |
| CO | mg/l | <.005 | .007 | .006 | <.005 | <.005 |
| CR | mg/l | <.005 | <.005 | <.005 | <.005 | <.005 |
| CU | mg/l | <.005 | <.005 | <.005 | <.005 | <.005 |
| FE | mg/l | 1.24 | .974 | 1.09 | .147 | .139 |
| MG | mg/l | 31.3 | 32.4 | 31.9 | 2 | 2 |
| MN | mg/l | 3.53 | 3.59 | 3.51 | .017 | .01 |
| MO | mg/l | <.005 | <.005 | .012 | .006 | .014 |
| NA | mg/l | 63 | 61.2 | 62.4 | 1 | .9 |
| NI | mg/l | .03 | .03 | <.02 | <.02 | <.02 |
| P | mg/l | .06 | .09 | .08 | <.05 | <.05 |
| PB | mg/l | <.02 | <.02 | <.02 | <.02 | <.02 |
| SB | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| SE | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| SI | mg/l | 4.9 | 4.7 | 4.8 | 2.7 | 2.7 |
| SN | mg/l | <.01 | <.01 | <.01 | <.01 | <.01 |
| SR | mg/l | .536 | .541 | .544 | .061 | .061 |
| TI | mg/l | .004 | <.002 | .003 | .002 | .002 |
| V | mg/l | <.005 | <.005 | <.005 | .005 | .005 |
| ZN | mg/l | .007 | .016 | .006 | <.002 | <.002 |
| METALS/EXT. HARDNESS/CA+MG | mg/l | 586 | 588 | 591 | 37 | 36.2 |
| METALS/EXT. HARDNESS/TOTAL | mg/l | 597 | 598 | 601 | 37.4 | 36.7 |
| METALS/TOTAL (WATER-ICP) | mg/l | .34 | .14 | .18 | <.05 | <.05 |
| AS | mg/l | <.05 | <.05 | <.05 | .07 | <.05 |
| B | mg/l | <.001 | <.001 | <.001 | <.001 | .001 |
| BA | mg/l | .103 | .098 | .097 | .024 | .022 |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 |
| CA | mg/l | 204 | 189 | 190 | 12.4 | 12.1 |
| CD | mg/l | <.002 | .002 | <.002 | .002 | <.002 |
| CO | mg/l | .019 | .02 | <.005 | <.005 | <.005 |
| CR | mg/l | <.005 | .006 | <.005 | .005 | <.005 |
| CU | mg/l | <.005 | .01 | <.005 | .007 | <.005 |
| FE | mg/l | 1.28 | .998 | 1.08 | .16 | .143 |
| MG | mg/l | 34.6 | 33.7 | 33 | 2.1 | 2 |
| MN | mg/l | 3.95 | 3.89 | 3.67 | .016 | .01 |
| MO | mg/l | .005 | .014 | .005 | .015 | .005 |
| NA | mg/l | 69.7 | 63.7 | 64.2 | 1 | 1 |
| NI | mg/l | <.02 | .04 | <.02 | <.02 | <.02 |
| P | mg/l | .09 | .09 | .12 | <.05 | <.05 |
| PB | mg/l | <.02 | .02 | <.02 | .02 | <.02 |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameters Analyzed | Units | effluent | | effluent | | effluent | |
|------------------------|-----------|-------------|-------------|-------------|-------------|-------------|------|
| | | 1870561-016 | 1870561-017 | 1870561-018 | 1870561-019 | 1870561-020 | |
| AS/TOTAL (WATER ICP) | SB mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 |
| | SE mg/l | <.05 | <.05 | <.05 | <.05 | <.05 | <.05 |
| | SI mg/l | 5.3 | 5 | 5 | 2.9 | 2.8 | |
| | SN mg/l | <.01 | <.01 | <.01 | <.01 | <.01 | <.01 |
| | SR mg/l | .61 | .57 | .569 | .07 | .069 | |
| | TI mg/l | .003 | <.002 | <.002 | .004 | <.002 | |
| | V mg/l | <.005 | .008 | <.005 | .013 | <.005 | |
| | ZN mg/l | .009 | .016 | .004 | .002 | <.002 | |
| NITROGEN/AMMONIA | mg/l | .507 | .464 | .452 | <.005 | <.005 | |
| PH | Rel.U. | 8.3 | 8.3 | 8.2 | 7.8 | 7.8 | |
| RESIDUE/FILTERABLE | mg/l | 11070 | 11020 | 11050 | 64 | 64 | |
| RESIDUE/NON-FILTERABLE | mg/l | <5 | <5 | <5 | <5 | <5 | |
| SULPHATE | mg/l | 530 | 510 | 520 | 5 | 5 | |
| THIOCYANATE | mg/l | <0.5 | - | - | <0.5 | - | |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameter Analyzed | Units | X-3 Corp 870561-021 | X-3 870561-022 | X-3 870561-023 | Sewage 870561-025 | X-16 A 870561-026 |
|------------------------------|---------|------------------------|-------------------|-------------------|----------------------|----------------------|
| ALKALINITY | mg/l | 37.6 | 37.1 | 37.6 | 222 | 135 |
| CONDUCTIVITY | umho/cm | 90 | 88 | 88 | 600 | 400 |
| CYANATE | mg/l | - | - | - | - | - |
| CYANIDE | mg/l | - | - | - | - | - |
| | ug | - | - | - | - | - |
| CYANIDE/WEAK ACID DISSOC. | mg/l | - | - | - | - | - |
| METALS/EXT. (WATER ICP SCAN) | | | | | | |
| AL | mg/l | .07 | <.05 | .06 | .38 | .12 |
| AS | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| B | mg/l | <.001 | <.001 | <.001 | .191 | <.001 |
| BA | mg/l | .022 | .021 | .022 | .097 | .169 |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 |
| CA | mg/l | 12.6 | 12.3 | 12.3 | 54.2 | 59.9 |
| CD | mg/l | <.002 | <.002 | <.002 | <.002 | <.002 |
| CO | mg/l | <.005 | <.005 | <.005 | <.005 | .005 |
| CR | mg/l | .005 | <.005 | .007 | <.005 | <.005 |
| CU | mg/l | <.005 | <.005 | .006 | .028 | <.005 |
| FE | mg/l | .161 | .126 | .127 | .733 | .346 |
| MG | mg/l | 2.4 | 2.3 | 2.3 | 28.6 | 14.3 |
| MN | mg/l | .015 | .012 | .013 | .047 | .092 |
| MO | mg/l | .008 | <.005 | .007 | <.005 | <.005 |
| NA | mg/l | 1.1 | 1 | 1.1 | 19.7 | 3 |
| NI | mg/l | <.02 | <.02 | <.02 | .02 | <.02 |
| P | mg/l | <.05 | <.05 | <.05 | 2.54 | <.05 |
| PB | mg/l | <.02 | <.02 | .04 | <.02 | <.02 |
| SB | mg/l | <.05 | <.05 | .07 | <.05 | <.05 |
| SE | mg/l | <.05 | <.05 | .06 | <.05 | <.05 |
| SI | mg/l | 2.9 | 2.8 | 2.8 | 6.6 | 4.2 |
| SN | mg/l | <.01 | .03 | .02 | <.01 | .02 |
| SR | mg/l | .067 | .065 | .065 | .229 | .182 |
| TI | mg/l | .008 | .003 | .007 | .012 | .009 |
| V | mg/l | .006 | <.005 | .015 | <.005 | <.005 |
| ZN | mg/l | .008 | .004 | .004 | .015 | .053 |
| METALS/EXT. HARDNESS/CA+MG | | | | | | |
| HC | mg/l | 41.3 | 40.3 | 40.4 | 253 | 209 |
| METALS/EXT. HARDNESS/TOTAL | | | | | | |
| HT | mg/l | 42.1 | 40.9 | 41 | 257 | 210 |
| METALS/TOTAL (WATER ICP) | | | | | | |
| AL | mg/l | <.05 | <.05 | <.05 | .31 | .19 |
| AS | mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| B | mg/l | <.001 | <.001 | <.001 | .21 | <.001 |
| BA | mg/l | .023 | .025 | .023 | .099 | .178 |
| BE | mg/l | <.001 | <.001 | <.001 | <.001 | <.001 |
| CA | mg/l | 13.4 | 13.2 | 13.3 | 56.6 | 62 |
| CD | mg/l | <.002 | .005 | <.002 | <.002 | .004 |
| CO | mg/l | <.005 | .009 | <.005 | .009 | <.005 |
| CR | mg/l | <.005 | .011 | <.005 | <.005 | <.005 |
| CU | mg/l | <.005 | .014 | <.005 | .036 | <.005 |
| FE | mg/l | .188 | .138 | .109 | .806 | .399 |
| MG | mg/l | 2.5 | 2.5 | 2.5 | 29.8 | 14.8 |
| MN | mg/l | .014 | .014 | .015 | .048 | .096 |
| MO | mg/l | <.005 | .007 | .011 | .026 | <.005 |
| NA | mg/l | 1.2 | 1.2 | 1.2 | 20.4 | 3.1 |
| NI | mg/l | <.02 | <.02 | <.02 | <.02 | <.02 |
| P | mg/l | <.05 | .06 | <.05 | 2.77 | .07 |
| PB | mg/l | <.02 | .07 | <.02 | .03 | <.02 |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameter Analyzed | Units | 1870561-021 | 1870561-022 | 1870561-023 | 1870561-025 | 1870561-026 |
|--------------------------|-----------|-------------|-------------|-------------|-------------|-------------|
| TOTALS/TOTAL (WATER-ICP) | SB mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| | SE mg/l | <.05 | <.05 | <.05 | <.05 | <.05 |
| | SI mg/l | 3.2 | 3.2 | 3.2 | 6.7 | 4.5 |
| | SN mg/l | <.01 | .03 | .03 | <.01 | <.01 |
| | SR mg/l | .072 | .072 | .071 | .245 | .192 |
| | TI mg/l | .008 | .008 | .007 | .017 | .005 |
| | V mg/l | <.005 | .02 | .053 | .007 | <.005 |
| | ZN mg/l | .008 | .004 | .005 | .015 | .056 |
| NITROGEN/AMMONIA | mg/l | <.005 | <.005 | <.005 | 2.1 | <.005 |
| PH | Rel.U. | 7.8 | 7.9 | 7.8 | 8.2 | 8.2 |
| RESIDUE/FILTERABLE | mg/l | 58 | 69 | 66 | 299 | 312 |
| RESIDUE/NON-FILTERABLE | mg/l | <5 | <5 | <5 | 11 | <5 |
| SULPHATE | mg/l | 5 | 5 | 5 | 75 | 69 |
| THIOCYANATE | mg/l | - | - | - | - | - |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameter Analyzed | Units | X-16 B | | | | |
|------------------------------|---------|-------------|-------------|-------------|-------------|-------------|
| | | 1870561-027 | 1870561-028 | 1870561-029 | 1870561-030 | 1870561-031 |
| ALKALINITY | mg/l | 141 | - | - | - | - |
| CONDUCTIVITY | umho/cm | 295 | - | - | - | - |
| CYANATE | mg/l | - | - | - | - | - |
| CYANIDE | mg/l | - | - | - | - | - |
| | ug | - | <3 | <3 | <3 | <3 |
| CYANIDE/WEAK ACID DISSOC. | mg/l | - | - | - | - | - |
| METALS/EXT. (WATER-ICP SCAN) | | | | | | |
| AL | mg/l | <.05 | - | - | - | - |
| AS | mg/l | <.05 | - | - | - | - |
| B | mg/l | <.001 | - | - | - | - |
| BA | mg/l | .099 | - | - | - | - |
| BE | mg/l | <.001 | - | - | - | - |
| CA | mg/l | 42 | - | - | - | - |
| CD | mg/l | .01 | - | - | - | - |
| CO | mg/l | <.005 | - | - | - | - |
| CR | mg/l | .007 | - | - | - | - |
| CU | mg/l | <.005 | - | - | - | - |
| FE | mg/l | .089 | - | - | - | - |
| MG | mg/l | 11.1 | - | - | - | - |
| MN | mg/l | .003 | - | - | - | - |
| MO | mg/l | <.005 | - | - | - | - |
| NA | mg/l | 3.1 | - | - | - | - |
| NI | mg/l | <.02 | - | - | - | - |
| P | mg/l | <.05 | - | - | - | - |
| PB | mg/l | .03 | - | - | - | - |
| SB | mg/l | .06 | - | - | - | - |
| SE | mg/l | .07 | - | - | - | - |
| SI | mg/l | 3.5 | - | - | - | - |
| SN | mg/l | .04 | - | - | - | - |
| SR | mg/l | .138 | - | - | - | - |
| TI | mg/l | .007 | - | - | - | - |
| V | mg/l | .008 | - | - | - | - |
| ZN | mg/l | .01 | - | - | - | - |
| METALS/EXT: HARDNESS/CA+MG | mg/l | 150 | - | - | - | - |
| METALS/EXT: HARDNESS/TOTAL | mg/l | 151 | - | - | - | - |
| METALS/TOTAL (WATER-ICP) | | | | | | |
| AL | mg/l | <.05 | - | - | - | - |
| AS | mg/l | <.05 | - | - | - | - |
| B | mg/l | <.001 | - | - | - | - |
| BA | mg/l | .105 | - | - | - | - |
| BE | mg/l | <.001 | - | - | - | - |
| CA | mg/l | 43.9 | - | - | - | - |
| CD | mg/l | <.002 | - | - | - | - |
| CO | mg/l | <.005 | - | - | - | - |
| CR | mg/l | <.005 | - | - | - | - |
| CU | mg/l | <.005 | - | - | - | - |
| FE | mg/l | .1 | - | - | - | - |
| MG | mg/l | 11.6 | - | - | - | - |
| MN | mg/l | <.001 | - | - | - | - |
| MO | mg/l | .007 | - | - | - | - |
| NA | mg/l | 3.2 | - | - | - | - |
| NI | mg/l | <.02 | - | - | - | - |
| P | mg/l | <.05 | - | - | - | - |
| PB | mg/l | .02 | - | - | - | - |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameter Analyzed | Units | 1870561-027 | 1870561-028 | 1870561-029 | 1870561-030 | 1870561-031 |
|--------------------------|---------|-------------|-------------|-------------|-------------|-------------|
| METALS/TOTAL (WATER-ICP) | | | | | | |
| SB | mg/l | <.05 | - | - | - | - |
| SE | mg/l | <.05 | - | - | - | - |
| SI | mg/l | 3.8 | - | - | - | - |
| SN | mg/l | .04 | - | - | - | - |
| SR | mg/l | .143 | - | - | - | - |
| TI | mg/l | .005 | - | - | - | - |
| V | mg/l | .008 | - | - | - | - |
| ZN | mg/l | .011 | - | - | - | - |
| NITROGEN/AMMONIA | mg/l | <.005 | - | - | - | - |
| PH | Rel. U. | 8.3 | - | - | - | - |
| RESIDUE/FILTERABLE | mg/l | 174 | - | - | - | - |
| RESIDUE/NON-FILTERABLE | mg/l | <5 | - | - | - | - |
| SULPHATE | mg/l | 17 | - | - | - | - |
| THIOCYANATE | mg/l | - | - | - | - | - |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameter Analyzed | Units | 13-filter | 16-filter | 21-filter |
|------------------------------|---------|------------|------------|------------|
| | | 870561-032 | 870561-033 | 870561-034 |
| ALKALINITY | mg/l | - | - | - |
| CONDUCTIVITY | umho/cm | - | - | - |
| CYANATE | mg/l | - | - | - |
| CYANIDE | mg/l | - | - | - |
| | ug | <3 | <3 | <3 |
| CYANIDE/WEAK ACID DISSOC. | mg/l | - | - | - |
| METALS/EXT. (WATER-ICP SCAN) | | | | |
| AL | mg/l | - | - | - |
| AS | mg/l | - | - | - |
| B | mg/l | - | - | - |
| BA | mg/l | - | - | - |
| BE | mg/l | - | - | - |
| CA | mg/l | - | - | - |
| CD | mg/l | - | - | - |
| CO | mg/l | - | - | - |
| CR | mg/l | - | - | - |
| CU | mg/l | - | - | - |
| FE | mg/l | - | - | - |
| MG | mg/l | - | - | - |
| MN | mg/l | - | - | - |
| MO | mg/l | - | - | - |
| NA | mg/l | - | - | - |
| NI | mg/l | - | - | - |
| P | mg/l | - | - | - |
| PB | mg/l | - | - | - |
| SB | mg/l | - | - | - |
| SE | mg/l | - | - | - |
| SI | mg/l | - | - | - |
| SN | mg/l | - | - | - |
| SR | mg/l | - | - | - |
| TI | mg/l | - | - | - |
| V | mg/l | - | - | - |
| ZN | mg/l | - | - | - |
| METALS/EXT. HARDNESS/CA+MG | HC | mg/l | - | - |
| METALS/EXT. HARDNESS/TOTAL | HT | mg/l | - | - |
| METALS/TOTAL (WATER-ICP) | | | | |
| | AL | mg/l | - | - |
| | AS | mg/l | - | - |
| | B | mg/l | - | - |
| | BA | mg/l | - | - |
| | BE | mg/l | - | - |
| | CA | mg/l | - | - |
| | CD | mg/l | - | - |
| | CO | mg/l | - | - |
| | CR | mg/l | - | - |
| | CU | mg/l | - | - |
| | FE | mg/l | - | - |
| | MG | mg/l | - | - |
| | MN | mg/l | - | - |
| | MO | mg/l | - | - |
| | NA | mg/l | - | - |
| | NI | mg/l | - | - |
| | P | mg/l | - | - |
| | PB | mg/l | - | - |

RESULTS FOR CURRAGH RESOURCES, YUKON SAMPLES

| Parameter Analyzed | Units | 13-filter | 16-filter | 21-filter |
|------------------------|-----------|-------------|-------------|-------------|
| | | 1870561-032 | 1870561-033 | 1870561-034 |
| ALS/TOTAL (WATER-ICP) | SB mg/l | - | - | - |
| | SE mg/l | - | - | - |
| | SI mg/l | - | - | - |
| | SN mg/l | - | - | - |
| | SR mg/l | - | - | - |
| | TI mg/l | - | - | - |
| | V mg/l | - | - | - |
| | ZN mg/l | - | - | - |
| NITROGEN/AMMONIA | mg/l | - | - | - |
| PH | Rel.U. | - | - | - |
| RESIDUE/FILTERABLE | mg/l | - | - | - |
| RESIDUE/NON-FILTERABLE | mg/l | - | - | - |
| SULPHATE | mg/l | - | - | - |
| THIOCYANATE | mg/l | - | - | - |