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International Specialists in the Environment

MEMORANDUM

DATE: October 5, 1989

TO: John Osborn, FIT-RPO, USEPA, Region 10

THRU: Jeffrey Villnow, FIT-OM, E & E, Seattle

FROM: Mark Ader, FIT-PM, E & E, Seattle

SUBJ: Well Owner Data Tables
Magnum Salvage
Albany, Oregon

REF: TDD F10-8901-024
PAN FOR0222SB

CC: William Glasser, HWD-SM, USEPA, Region 10
Andrew Hafferty, E & E, Seattle

Attached are four analytical data tables for the owners of domestic wells sampled during the Magnum Salvage Site Inspection of April 13, 1989. If you have any questions, please feel free to contact me directly.

MA:rls

Enclosures

USEPA SF
1636750

recycled paper

## SAMPLING RESULTS

Sample Location: (b)(6) Well

Owner/Contact Address: (b)(6)
Albany, Oregon 97321

Sample Date: April 13, 1989

| Substance | Concentration (µg/L) | EPA Drinking Water Standard (µg/L) |
|---|---|---|
| Calcium | 23,100 | No Standard Exists |
| Iron | 127 | 300.0** |
| Magnesium | 10,300 | No Standard Exists |
| Manganese | 5.0 J | 50.0* |
| Sodium | 10,800 | 20,000.0*** |
| Zinc | 79.4 | 5,000.0** |

NO ORGANIC COMPOUNDS WERE DETECTED

* - Primary Standards are health based benchmarks.

** - Secondary Standards are set for taste, color, odor, and other aesthetic considerations which are not health related.

*** - Guidance level for persons with a genetic predisposition to hypertension, hypertensive patients, pregnant women, and others on sodium restrictive diets.

## SAMPLING RESULTS

Sample Location: (b) (6) Well

Owner/Contact Address: (b) (6)
Albany, Oregon 97321

Sample Date: April 13, 1989

| Substance | Concentration (µg/L) | | EPA Drinking Water Standard (µg/L) |
|---|---|---|---|
| Calcium | 11,400 | | No Standard Exists |
| Iron | 342 | | 300.0** |
| Magnesium | 5,900 | | No Standard Exists |
| Manganese | 116 | | 50.0* |
| Potassium | 1,270 | J | No Standard Exists |
| Sodium | 14,700 | | 20,000.0*** |
| Zinc | 144 | | 5,000.0** |

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## SAMPLING RESULTS

Sample Location: (b) (6) Well

Owner/Contact Address: (b) (6)
Albany, Oregon 97321

Sample Date: April 13, 1989

| Substance | Concentration (µg/L) | | EPA Drinking Water Standard (µg/L) |
|---|---|---|---|
| Calcium | 28,700 | | No Standard Exists |
| Iron | 262 | | 300.0** |
| Magnesium | 12,100 | | No Standard Exists |
| Manganese | 54.2 | | 50.0* |
| Potassium | 1,090 | J | No Standard Exists |
| Sodium | 12,000 | | 20,000.0*** |
| Zinc | 50.6 | | 5,000.0** |

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## SAMPLING RESULTS

Sample Location: (b) (6) Well

Owner/Contact Address: (b) (6)
Albany, Oregon 97321

Sample Date: April 13, 1989

| Substance | Concentration (µg/L) | | EPA Drinking Water Standard (µg/L) |
|---|---|---|---|
| Barium | 27.9 | J | 1,000.0* |
| Calcium | 20,900 | | No Standard Exists |
| Iron | 6,090 | | 300.0** |
| Magnesium | 9,360 | | No Standard Exists |
| Manganese | 199 | | 50.0* |
| Potassium | 912 | J | No Standard Exists |
| Sodium | 13,100 | | 20,000.0*** |
| Zinc | 44.7 | | 5,000.0** |

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