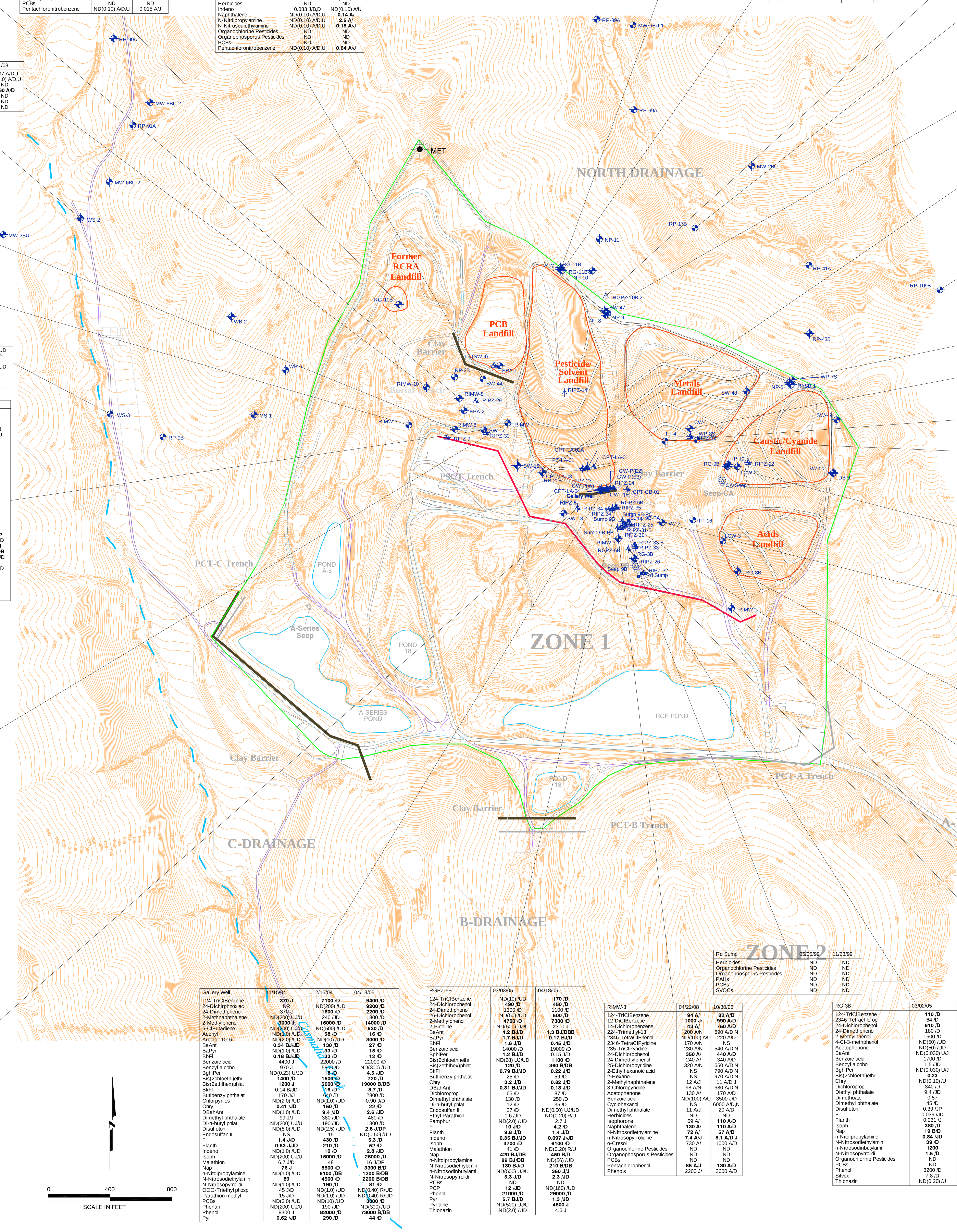


| RIMW-8 | 05/01/08 | 11/04/08 |
|---|---|---|
| 14-Dichlorobenzene | 0.031 A/J | ND(0.10) A/D,U |
| 24-Dichlorophenol | **10000 A/** | 130 A/D |
| 26-Dichlorophenol | 71 A/J | ND(10) A/U |
| 2-Phenoxyethanol | 840 A/N | NS |
| 44'-DDD | ND(0.010) A/U | 0.15 A/D |
| 4-Hydroxy-4-methyl-2 | 66 A/N | NS |
| bis(2chlethl)ethr | **8.3 J/** | **0.031 A/D,J** |
| bis(2ethlhex)phlat | ND(4.0) A/U | 1.8 A/J |
| Dimethyl phthalate | 6.0 A/ | ND(2.0) A/U |
| Herbicides | ND | ND |
| Kepone | **6.1 J/** | ND(1.0) R/D,U |
| Naphthalene | **13 A/** | **0.83 A/D** |
| N-Nitdipropylamine | **0.13 A/** | ND(0.10) A/D,U |
| N-Nitrosodiethylamine | **0.21 A/** | ND(0.10) A/D,U |
| n-Nitrosopyrrolidine | **0.020 A/J** | 0.023 A/D,J |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| Pentachloronitrobenzene | 0.16 A/ | ND(0.10) A/D,U |
| Phenols | 1200 A/ | ND(2.0) A/U |

| RG-10B | 04/26/07 | 04/17/08 |
|---|---|---|
| BaPyr | **0.10 A/D** | ND(0.10) A/U |
| Herbicides | ND | ND |
| Indeno | 0.041 A/D,J | ND(0.10) A/U |
| Naphthalene | ND(0.10) A/D,U | 0.033 A/J |
| N-Nitdipropylamine | ND(0.10) A/D,U | **0.58 A/** |
| N-Nitrosodiethylamine | ND(0.10) A/D,U | **0.079 A/J** |
| Octadecanoic acid | NS | 9.1 A/N |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | NS | NS |
| PCBs | ND | ND |
| Pentachloronitrobenzene | ND(0.10) A/D,U | 0.015 A/J |

| SW-44 | 05/07/07 | 04/24/08 |
|---|---|---|
| 124-TriClBenzene | **19 A/D** | **13 A/** |
| 12-DiClBenzene | 2.7 A/D | 1.9 A/J |
| 14-Dichlorobenzene | 5.9 A/D | 19 A/ |
| 24-Dichlorophenol | ND(2.0) A/D,U | 14 A/ |
| 26-Dichlorophenol | ND(10) A/D,U | 0.58 A/J |
| Acetophenone | ND(10) A/D,U | 0.53 A/J |
| BaAnt | ND(0.10) A/D,U | **0.086 A/J** |
| BaPyr | **0.076 A/B,D** | ND(0.10) A/U |
| BbFl | 0.073 A/B,D | ND(0.10) A/U |
| Herbicides | ND | ND |
| Indeno | 0.083 J/B,D | ND(0.10) A/U |
| Naphthalene | ND(0.10) A/D,U | **0.14 A/** |
| N-Nitdipropylamine | ND(0.10) A/D,U | **2.5 A/** |
| N-Nitrosodiethylamine | ND(0.10) A/D,U | **0.18 A/J** |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| Pentachloronitrobenzene | ND(0.10) A/D,U | **0.64 A/J** |

| MW-7BU | 11/16/99 | 07/11/00 |
|---|---|---|
| Herbicides | NS | NS |
| Organochlorine Pesticides | NS | NS |
| Organophosporus Pesticides | NS | NS |
| PAHs | NS | NS |
| PCBs | NS | NS |
| SVOCs | NS | NS |

| RG-11B | 04/27/07 | 04/18/08 |
|---|---|---|
| bis(2ethlhex)phlat | ND(4.7) A/D,U | 6.4 A/ |
| Herbicides | NS | NS |
| Organochlorine Pesticides | NS | NS |
| Organophosporus Pesticides | NS | NS |
| PAHs | NS | NS |
| PCBs | NS | NS |

| RG-11B-2 | 04/27/07 | 04/18/08 |
|---|---|---|
| BaPyr | **0.11 J/D** | ND(0.10) A/U |
| bis(2ethlhex)phlat | 1.3 A/D,J | 1.6 A/J |
| Herbicides | ND | NS |
| Indeno | 0.041 J/D,J | ND(0.10) A/U |
| N-Nitdipropylamine | **0.070 A/D,J** | **0.60 A/** |
| Organochlorine Pesticides | ND | NS |
| Organophosporus Pesticides | ND | NS |
| PCBs | ND | NS |

| RGPZ-10B-2 | 01/20/05 | 04/13/05 |
|---|---|---|
| Herbicides | NR | NR |
| Organochlorine Pesticides | NR | NR |
| Organophosporus Pesticides | NR | NR |
| PAHs | NR | NR |
| PCBs | NR | NR |
| SVOCs | NR | NR |

| RP-17B | 11/18/99 | 07/11/00 |
|---|---|---|
| Bis(2ethlhex)phlat | 0.38 /JD | ND(5.0) /UD |
| Dinoctylphthalate | 0.36 /JD | ND(2.0) /UD |
| Herbicides | ND | ND |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PAHs | ND | ND |
| PCBs | NS | NS |

| SW-47 | 04/27/07 | 04/18/08 |
|---|---|---|
| bis(2chlethl)ethr | **0.025 A/D,J** | ND(0.10) A/U |
| bis(2ethlhex)phlat | 1.5 A/D,J | ND(4.0) A/U |
| Herbicides | ND | ND |
| Hexachlorobenzene | ND(0.020) A/D,U | 0.014 A/J |
| N-Nitdipropylamine | **0.093 A/D,J** | **0.65 A/** |
| Octadecanoic acid | 28 A/N,D | NS |
| Organophosporus Pesticides | NS | NS |
| PCBs | ND | ND |

| RP-20B | 04/26/07 | 04/17/08 |
|---|---|---|
| 2-Chlorocyclohexanol | 6.1 NJ/N | NS |
| bis(2ethlhex)phlat | 1.1 A/J | 5.6 A/ |
| Herbicides | NS | NS |
| Indeno | 0.039 UJ/J | ND(0.10) A/U |
| N-Nitdipropylamine | **0.13 A/** | **0.52 A/** |
| N-Nitrosodiethylamine | **0.39 A/** | **0.074 A/J** |
| n-Nitrosopyrrolidine | **1.1 A/** | **0.41 A/** |
| Organochlorine Pesticides | NS | NS |
| Organophosporus Pesticides | NS | NS |
| PCBs | NS | NS |
| Pentachloronitrobenzene | ND(0.10) A/U | **2.4 A/** |
| Tri(2-chloroethyl)ph | 8.0 NJ/N | NS |

| RP-109B | 04/26/07 | 04/23/08 |
|---|---|---|
| 1-Octanol | 4.2 NJ/N,D | NS |
| 2-Me-1-penten-3-ol | 3.5 NJ/N,D | NS |
| Acetophenone | 0.69 A/D,J | 0.55 A/J |
| BaPyr | **0.10 A/** | ND(0.10) A/U |
| BbFl | ND(0.10) A/U | 0.067 J/J |
| Benzyl alcohol | ND(2.0) A/D,U | 1.3 A/J |
| bis(2ethlhex)phlat | ND(4.0) A/D,U | 1.7 A/J |
| DBahAnt | **0.054 A/J** | ND(0.10) A/U |
| Fluorene | ND(0.10) A/U | 0.030 J/J |
| Herbicides | NS | NS |
| Indeno | 0.042 A/J | ND(0.10) A/U |
| Naphthalene | 0.086 A/J | **0.44 J/** |
| N-Nitdipropylamine | **0.81 A/** | **0.37 J/** |
| Organochlorine Pesticides | NS | NS |
| Organophosporus Pesticides | NS | NS |
| PCBs | NS | NS |
| Phenol 44'-(1-meth | 6.8 NJ/N,D | NS |

| WP-7S | 05/03/07 | 04/18/08 |
|---|---|---|
| (E)-9-Octadecanoic acid | NS | 58 A/N |
| bis(2ethlhex)phlat | 1.7 A/B,D | 3.7 A/J |
| Heptadecane | 5.5 A/N,D | NS |
| Herbicides | NS | NS |
| N-Nitdipropylamine | NS | **0.61 A/** |
| Octadecanoic acid | NS | 21 A/N |
| Organochlorine Pesticides | NS | NS |
| Organophosporus Pesticides | NS | NS |
| PCBs | NS | NS |

| LCW-1 | 01/11/99 |
|---|---|
| Herbicides | NS |
| Organochlorine Pesticides | NS |
| Organophosporus Pesticides | NS |
| PAHs | ND |
| PCBs | NS |
| SVOCs | ND |

| TP-4 | 12/07/99 | 07/19/00 |
|---|---|---|
| Diethyl phthalate | ND(2.0) /U | 0.20 /J |
| Herbicides | ND | ND |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PAHs | ND | ND |
| PCBs | NS | NS |

| WP-8S | 10/18/04 | 04/04/05 |
|---|---|---|
| Bis(2chloethl)ethr | **0.027 /J** | **0.066 /J** |
| BkFl | ND(0.10) /U | 0.0072 /J |
| Crotonaldehyde | **520** | ND(500) /U |
| Diazinon | 0.030 /J | ND(0.20) /U |
| Flanth | ND(0.10) /U | 0.020 /J |
| Herbicides | ND | ND |
| Indeno | ND(0.10) /U | 0.012 /J |
| Nap | ND(0.020) U/J | 0.018 /J |
| N-Nitrosomethylethyl | ND(0.10) /U | **0.063 /J** |
| N-Nitrosopyrrolidi | ND(0.10) /U | **0.066 /J** |
| Organochlorine Pesticides | ND | ND |
| PCBs | ND | ND |
| Phenol | 3.7 /D | 1.8 /J |
| Pyr | ND(0.10) /U | 0.050 /J |

| RIMW-10 | 04/18/08 | 10/31/08 |
|---|---|---|
| 14-Dichlorobenzene | ND(0.10) A/U | 0.037 A/D,J |
| bis(2ethlhex)phlat | 1.4 A/J | ND(4.0) A/D,U |
| Herbicides | ND | ND |
| N-Nitdipropylamine | **0.63 A/** | **0.30 A/D** |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |

| WS-2 | 10/25/04 | 03/28/05 |
|---|---|---|
| Herbicides | ND | ND |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PAHs | ND | ND |
| PCBs | ND | ND |
| SVOCs | ND | ND |

| RIMW-6 | 04/18/08 |
|---|---|
| bis(2ethlhex)phlat | 1.9 A/J |
| Herbicides | NS |
| Organochlorine Pesticides | NS |
| Organophosporus Pesticides | NS |
| PAHs | NS |
| PCBs | NS |

| RIMW-11 | 04/21/08 | 10/29/08 |
|---|---|---|
| Herbicides | ND | ND |
| N-Nitdipropylamine | **0.56 A/** | **0.28 A/D** |
| N-Nitrosodiethylamine | **0.066 A/J** | ND(0.10) A/D,U |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| SVOCs | ND | ND |

| WS-3 | 10/25/04 | 03/28/05 |
|---|---|---|
| Bis(2chloethl)ethr | **0.032 J/J** | ND(0.090) /UD |
| Chry | ND(0.10) /U | 0.0079 /JD |
| Herbicides | ND | ND |
| Nap | 0.019 /J | ND(0.090) /UD |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |

| SW-17 | 11/12/04 | 04/15/05 |
|---|---|---|
| 245-T | ND(0.090) /U | 4.7 J/DP |
| 24-Dichlorophenol | 8.0 | 37 |
| 24-Dichlrphnox ac | ND(0.40) /U | 28 /D |
| 26-Dichlorophenol | 7.2 /J | ND(10) /U |
| 2-Chlorophenol | 5.4 | ND(2.0) /U |
| 2-Methylphenol | 6.8 | 11 |
| Acenyl | ND(0.10) /U | **27 /JD** |
| Acetophenone | ND(10) /U | 10 |
| BaAnt | ND(0.010) U/J | **110 /D** |
| BaPyr | ND(0.10) /U | **34 /JD** |
| BbFl | ND(0.10) /U | **15 /JD** |
| Benzoic acid | ND(10) /U | 9.7 /J |
| BghiPer | ND(0.10) /U | **35 /JD** |
| Bis(2chloethl)ethr | **0.11** | **1100 /D** |
| BkFl | ND(0.10) /U | **35 /JD** |
| Chry | ND(0.10) /U | **71 /JD** |
| DBahAnt | ND(0.10) /U | **15 /JD** |
| Dicamba | ND(0.080) /U | 11 J/DP |
| Dichloroprop | ND(0.50) /U | 670 /D |
| Fl | ND(0.10) /U | **29 /JD** |
| Flanth | ND(0.10) /U | **140 /D** |
| Indeno | ND(0.10) /U | **14 /JD** |
| MCPA | ND(10) /U | **1300 J/DP** |
| Nap | **1.0** | **150000 B/D** |
| n-Nitdipropylamine | **0.36** | **120 B/DB** |
| N-Nitrosodiethylamin | **8.0** | **11000 B/DB** |
| N-Nitrosomethylethyl | **0.041 /J** | ND(100) /UD |
| N-Nitrosopyrrolidi | **3.4** | **2600 /D** |
| OOO-Triethyl phosp | ND(0.22) /UD | 0.049 UJ/JD |
| Organochlorine Pesticides | ND | ND |
| PCBs | ND | ND |
| Phenol | 2.6 | 28 B/B |
| Pyr | ND(0.10) /U | **110 /D** |
| Silvex | ND(0.070) /U | 23 J/DP |

| RIMW-7 | 04/22/08 | 10/30/08 |
|---|---|---|
| 11-oxybis[2-Methoxy | NS | 69 A/D,N |
| 124-TriClBenzene | 3.8 A/J | ND(10) A/D,U |
| 12-DiClBenzene | 23 A/ | 14 A/D |
| 14-Dichlorobenzene | 25 A/ | 4.4 A/D |
| 24-Dichlorophenol | 4.8 A/J | ND(10) A/D,U |
| 2-Methylnaphthalene | 3.2 A/J | ND(10) A/D,U |
| Acetophenone | 11 A/J | 4.2 A/D,J |
| BaAnt | ND(5.0) A/U | **0.33 A/D,J** |
| Chrysene | ND(5.0) A/U | **0.44 A/D,J** |
| Di-n-butyl phthalate | 5.1 A/J | ND(10) A/D,U |
| Fluoranthene | ND(5.0) A/U | **0.44 A/D,J** |
| Fluorene | ND(5.0) A/U | **0.33 A/D,J** |
| Herbicides | ND | ND |
| Naphthalene | **3.6 A/J** | **1.3 A/D** |
| N-Nitdipropylamine | **3.8 A/J** | **6.1 A/D** |
| N-Nitrosodiethylamine | **1.4 A/J** | ND(1.0) A/D,U |
| n-Nitrosopyrrolidine | ND(5.0) A/U | **0.57 A/D,J** |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| Pentachloronitrobenzene | ND(5.0) A/U | **0.36 A/D,J** |
| Pyrene | ND(5.0) A/U | **0.57 A/D,J** |

| RIPZ-8 | 04/23/08 | 10/30/08 |
|---|---|---|
| 124-TriClBenzene | **1400 A/** | ND(30) A/D,U |
| 12-DiClBenzene | **7000 A/** | ND(30) A/D,U |
| 14-Dichlorobenzene | **450 A/D** | **3700 A/D** |
| 245-TP (Silvex) | ND(4.0) A/U | 46 A/D |
| 2-Ethenylnaphthalene | 3400 A/N | NS |
| 2-Methylnaphthalene | 1300 A/ | 640 A/D |
| Biphenyl | NS | 2100 A/D,N |
| bis(2chlethl)ethr | **19 A/JD** | ND(180) A/D,U |
| bis(2ethlhex)phlat | **5400 J/** | **4400 A/B,D** |
| Butylbenzylphthalat | 2300 A/ | 1800 A/D |
| Dibenzofuran | **99 A/** | **62 A/D** |
| Di-n-butyl phthalate | 600 A/ | 520 A/D |
| Diphenyl ether | 6900 A/N | 3600 A/D,N |
| Disulfoton | ND(0.56) A/U | 57 A/D |
| Fluoranthene | **57 A/JD** | **66 A/D,J** |
| Fluorene | **61 J/JD** | **64 A/D,J** |
| Hexachlorobutadiene | **240 A/** | **130 A/D** |
| Naphthalene | **1700 J/D** | **1600 J/D** |
| N-Nitdipropylamine | ND(105) A/UD | **530 A/D** |
| N-Nitrosodiethylamine | **290 A/D** | ND(180) A/D,U |
| N-Nitrosomethylethyl | **180 A/D** | 88 A/D,J |
| n-Nitrosopyrrolidine | ND(105) A/UD | **61 A/D,J** |
| Organochlorine Pesticides | ND | ND |
| PCBs | ND | ND |
| Phenanthrene | 180 A/ | 95 A/D |
| Pyrene | **42 J/JD** | ND(180) A/D,U |

| Gallery Well | 11/15/04 | 12/15/04 | 04/13/05 |
|---|---|---|---|
| 124-TriClBenzene | **370 J** | **7100 /D** | **9400 /D** |
| 24-Dichlrphnox ac | NR | ND(200) /UD | **9200 /D** |
| 24-Dimethphenol | 370 J | **1800 /D** | **2200 /D** |
| 2-Methnaphthalene | ND(200) UJ/U | 240 /JD | 1800 /D |
| 2-Methylphenol | **3000 J** | **16000 /D** | **14000 /D** |
| 6-ClButadiene | ND(200) UJ/U | ND(500) /UD | **530 /D** |
| Acenyl | ND(1.0) /UD | **58 /D** | **16 /D** |
| Aroclor-1016 | ND(2.0) /UD | ND(10) /UD | **3000 /D** |
| BaAnt | **0.34 BJ/JD** | **130 /D** | **27 /D** |
| BaPyr | ND(1.0) /UD | **33 /D** | **15 /D** |
| BbFl | **0.18 BJ/JD** | **33 /D** | **12 /D** |
| Benzoic acid | 4400 J | 22000 /D | 22000 /D |
| Benzyl alcohol | 970 J | 5800 /D | ND(300) /UD |
| BghiPer | ND(0.23) UJ/JD | **18 /D** | **4.5 /JD** |
| Bis(2chloethl)ethr | **1400 /D** | **1500 /D** | **720 /D** |
| Bis(2ethlhex)phlat | **1200 J** | **5600 /D** | **19000 B/DB** |
| BkFl | 0.14 B/JD | **16 /D** | **8.7 /D** |
| Butlbenzylphthalat | 170 J/J | 640 /D | 2800 /D |
| Chlorpyrifos | ND(2.0) /UD | ND(1.0) /UD | 0.90 J/D |
| Chry | **0.41 /JD** | **150 /D** | **22 /D** |
| DBahAnt | ND(1.0) /UD | **9.4 /JD** | **2.6 /JD** |
| Dimethyl phthalate | 99 J/J | 380 /JD | 480 /D |
| Di-n-butyl phlat | ND(200) UJ/U | 190 /JD | 1300 /D |
| Disulfoton | ND(5.0) /UD | ND(2.5) /UD | **2.6 J/DP** |
| Endosulfan II | NS | 15 | ND(0.50) /UD |
| Fl | **1.4 J/D** | **430 /D** | **5.3 /D** |
| Flanth | **0.83 J/JD** | **210 /D** | **52 /D** |
| Indeno | ND(1.0) /UD | **10 /D** | **2.8 /JD** |
| Isoph | ND(200) UJ/U | **15000 /D** | **26000 /D** |
| Malathion | 6.7 J/D | 48 | 16 J/DP |
| Nap | **76 J** | **8500 /D** | **3300 B/D** |
| n-Nitdipropylamine | ND(1.0) /UD | **6100 /DB** | **1200 B/DB** |
| N-Nitrosodiethylamin | **89** | **4500 /D** | **2200 B/DB** |
| N-Nitrosopyrrolidi | ND(1.0) /UD | **190 /D** | **81 /D** |
| OOO-Triethyl phosp | 45 J/D | ND(1.0) /UD | ND(0.40) R/UD |
| Parathion methyl | 15 J/D | ND(1.0) /UD | ND(0.40) R/UD |
| PCBs | ND(2.0) /UD | ND(10) /UD | **3000 /D** |
| Phenan | ND(200) UJ/U | 190 /JD | ND(300) /UD |
| Phenol | 9300 J | **82000 /D** | **73000 B/DB** |
| Pyr | **0.62 /JD** | **290 /D** | **44 /D** |

| RGPZ-5B | 03/03/05 | 04/18/05 |
|---|---|---|
| 124-TriClBenzene | ND(10) /UD | **170 /D** |
| 24-Dichlorophenol | **490 /D** | **450 /D** |
| 24-Dimethphenol | 1300 /D | 1100 /D |
| 26-Dichlorophenol | ND(50) /UD | **500 /D** |
| 2-Methylphenol | **4700 /D** | **7300 /D** |
| 2-Picoline | ND(500) UJ/U | 2300 J |
| BaAnt | **4.2 BJ/D** | **1.3 BJ/DBB** |
| BaPyr | **1.7 BJ/D** | **0.17 BJ/D** |
| BbFl | **1.6 J/D** | **0.45 J/D** |
| Benzoic acid | 14000 /D | 19000 /D |
| BghiPer | **1.2 BJ/D** | 0.15 J/D |
| Bis(2chloethl)ethr | ND(28) UJ/UD | **1100 /D** |
| Bis(2ethlhex)phlat | **120 /D** | **360 B/DB** |
| BkFl | **0.79 BJ/D** | **0.22 J/D** |
| Butlbenzylphthalat | 25 /D | 59 /D |
| Chry | **3.2 J/D** | **0.82 J/D** |
| DBahAnt | **0.31 BJ/JD** | **0.13 J/D** |
| Dichloroprop | 65 /D | 87 /D |
| Dimethyl phthalate | 130 /D | 250 /D |
| Di-n-butyl phlat | 12 /D | 35 /D |
| Endosulfan II | 27 /D | ND(0.50) UJ/UD |
| Ethyl Parathion | 1.6 /JD | ND(0.20) R/U |
| Famphur | ND(2.0) /UD | 2.7 J |
| Fl | **10 J/D** | **4.2 /D** |
| Flanth | **9.8 J/D** | **1.4 J/D** |
| Indeno | **0.35 BJ/JD** | **0.097 J/JD** |
| Isoph | **4700 /D** | **6100 /D** |
| Malathion | 41 /D | ND(0.20) R/U |
| Nap | **420 BJ/DB** | **450 B/D** |
| n-Nitdipropylamine | **89 BJ/DB** | ND(56) /UD |
| N-Nitrosodiethylamin | **130 BJ/D** | **210 B/DB** |
| n-Nitrosodinbutylami | ND(500) UJ/U | **350 J/J** |
| N-Nitrosopyrrolidi | **5.3 J/D** | **2.3 /JD** |
| PCBs | ND | ND |
| PCP | **12 /JD** | ND(160) /UD |
| Phenol | **21000 /D** | **29000 /D** |
| Pyr | **5.7 BJ/D** | **1.3 /JD** |
| Pyridine | ND(500) UJ/U | **4800 J** |
| Thionazin | ND(2.0) /UD | 4.6 J |

| Rd Sump | 05/05/99 | 11/23/99 |
|---|---|---|
| Herbicides | ND | ND |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PAHs | ND | ND |
| PCBs | ND | ND |
| SVOCs | ND | ND |

| RIMW-3 | 04/22/08 | 10/30/08 |
|---|---|---|
| 124-TriClBenzene | **94 A/** | **82 A/D** |
| 12-DiClBenzene | **1000 J/** | **990 A/D** |
| 14-Dichlorobenzene | **43 A/** | **750 A/D** |
| 224-Trimethyl-13 | 200 A/N | 690 A/D,N |
| 2346-TetraClPhenol | ND(100) A/U | 220 A/D |
| 2346-TetraClPyridine | 170 A/N | NS |
| 235-TriClPyridine | 230 A/N | 540 A/D,N |
| 24-Dichlorophenol | **350 A/** | **440 A/D** |
| 24-Dimethylphenol | 240 A/ | 340 A/D |
| 25-Dichloropyridine | 320 A/N | 650 A/D,N |
| 2-Ethylhexanoic acid | NS | 790 A/D,N |
| 2-Hexanol | NS | 970 A/D,N |
| 2-Methylnaphthalene | 12 A/J | 11 A/D,J |
| 3-Chloropyridine | 98 A/N | 680 A/D,N |
| Acetophenone | 130 A/ | 170 A/D |
| Benzoic acid | ND(100) A/U | 3500 J/D |
| Cyclohexanol | NS | 6000 A/D,N |
| Dimethyl phthalate | 11 A/J | 20 A/D |
| Herbicides | ND | ND |
| Isophorone | 69 A/ | **110 A/D** |
| Naphthalene | **130 A/** | **110 A/D** |
| N-Nitrosodiethylamine | **72 A/** | **57 A/D** |
| n-Nitrosopyrrolidine | **7.4 A/J** | **8.1 A/D,J** |
| o-Cresol | 730 A/ | 1000 A/D |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| Pentachlorophenol | **85 A/J** | **130 A/D** |
| Phenols | 2200 J/ | 3600 A/D |

| RG-3B | 03/02/05 | 04/18/05 |
|---|---|---|
| 124-TriClBenzene | **110 /D** | **54 /D** |
| 2346-Tetrachlorop | 64 /D | 84 /D |
| 24-Dichlorophenol | **610 /D** | **810 /D** |
| 24-Dimethphenol | 180 /D | 150 /D |
| 2-Methylphenol | 1500 /D | 1400 /D |
| 4-Cl-3-methphenol | ND(50) /UD | 50 /D |
| Acetophenone | ND(50) /UD | 290 /D |
| BaAnt | ND(0.030) U/J | **0.092 R/JBB** |
| Benzoic acid | 1700 /D | 2100 /D |
| Benzyl alcohol | 1.5 /JD | ND(10) /UD |
| BghiPer | ND(0.030) U/J | 0.017 J/J |
| Bis(2chloethl)ethr | **0.23** | **74 /D** |
| Chry | ND(0.10) /U | 0.016 J/J |
| Dichloroprop | 340 /D | 180 /JD |
| Diethyl phthalate | 9.4 /JD | 4.4 /JD |
| Dimethoate | 0.57 | 0.65 |
| Dimethyl phthalate | 45 /D | 24 /D |
| Disulfoton | 0.39 /JP | ND(0.50) /U |
| Fl | 0.039 /JD | **0.22 J** |
| Flanth | 0.031 /J | 0.13 J |
| Isoph | **380 /D** | **390 /D** |
| Nap | **19 B/D** | **0.39 BJ** |
| n-Nitdipropylamine | **0.84 /JD** | **1.2 /JD** |
| N-Nitrosodiethylamin | **39 /D** | **210 B/DB** |
| n-Nitrosodinbutylami | **1200** | **1700** |
| N-Nitrosopyrrolidi | **1.5 /D** | **0.99 /JD** |
| Organochlorine Pesticides | ND | ND |
| PCBs | ND | ND |
| Phenol | 3200 /D | 3300 /D |
| Silvex | 7.8 /D | ND(70) /UD |
| Thionazin | ND(0.20) /U | 0.39 J/P |

| RGPZ-6B | 03/02/05 | 04/18/05 |
|---|---|---|
| 124-TriClBenzene | **4800** | **610 /D** |
| 2346-Tetrachlorop | 230 /J | 130 /D |
| 24-Dichlorophenol | **750** | **370 /D** |
| 24-Dimethphenol | ND(220) /U | 220 /D |
| 2-Methnaphthalene | 450 | 86 /D |
| 2-Methylphenol | 1200 | 800 /D |
| 6-ClButadiene | **180 /J** | ND(20) /UD |
| Acenyl | **6.2 J/D** | NR |
| Acetophenone | ND(1100) /U | 350 /D |
| BaAnt | **25 B/D** | NR |
| BaPyr | **10 B/JD** | NR |
| BbFl | **8.4 B/JD** | NR |
| Benzoic acid | 3200 | 1900 /D |
| BghiPer | **43 B/D** | NR |
| Bis(2chloethl)ethr | **4.7 /JD** | NR |
| Bis(2chloethox)met | ND(220) /U | 10 /JD |
| Bis(2ethlhex)phlat | **5200** | **520 B/DB** |
| BkFl | **4.2 B/JD** | NR |
| Butlbenzylphthalat | 940 | 100 /D |
| Chlorpyrifos | 2.8 /DP | ND(0.20) R/U |
| Chry | **21 /JD** | NR |
| DBahAnt | **3.8 B/JDB** | NR |
| Dibenzofuran | ND(220) /U | 6.9 /JD |
| Dichloroprop | ND(50) /UD | 120 J/JDP |
| Dimethoate | 3.1 /DP | ND(0.20) R/U |
| Dimethyl phthalate | ND(220) /U | 13 /JD |
| Di-n-butyl phlat | 180 /J | 58 /D |
| Disulfoton | **33 /DP** | **6.3 J/DP** |
| Famphur | ND(2.0) /UD | 1.1 J/P |
| Fl | **77 /D** | NR |
| Flanth | **43 /D** | NR |
| Indeno | **8.2 B/JDB** | NR |
| Isoph | **610** | **370 /D** |
| Nap | **1400 B/D** | NR |
| n-Nitdipropylamine | **550 /D** | NR |
| N-Nitrosodiethylamin | **350 /D** | NR |
| n-Nitrosodinbutylami | ND(500) /U | **910 J** |
| N-Nitrosopyrrolidi | **20 J/D** | NR |
| Organochlorine Pesticides | ND | ND |
| PCBs | ND | ND |
| PCP | ND(1100) /U | **81 /JD** |
| Phenan | ND(220) /U | 11 /JD |
| Phenol | 4200 | 2700 /D |
| Pyr | **130 /D** | NR |
| Sulfotep | ND(2.0) /UD | 0.92 J/P |

| RIMW-1 | 04/21/08 | 10/29/08 |
|---|---|---|
| Herbicides | ND | ND |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PAHs | ND | ND |
| PCBs | ND | ND |
| SVOCs | ND | ND |

| RG-9B | 05/01/07 | 04/23/08 |
|---|---|---|
| 12-DiClBenzene | 0.57 A/D,J | ND(2.0) A/U |
| 14-Dichlorobenzene | 0.058 A/D,J | 0.21 A/ |
| 245-T | 8.6 J/D | ND(0.10) A/U |
| Acenaphthylene | ND(0.10) A/D,U | 0.036 A/J |
| BaPyr | **0.11 J/D** | ND(0.10) A/U |
| Benzenesulfonamide | 23 A/N,D | 29 A/N |
| bis(2ethlhex)phlat | ND(4.0) A/B,D | 3.1 A/J |
| Diethyl phthalate | 1.7 A/D,J | ND(2.0) A/U |
| Fluoranthene | 0.073 A/D,J | 0.038 A/J |
| Fluorene | **0.20 A/D** | 0.12 A/ |
| Naphthalene | **0.22 A/D** | **0.17 A/** |
| N-Nitdipropylamine | ND(0.10) A/D,U | **0.42 A/** |
| N-Nitrosodiethylamine | **0.033 A/D,J** | ND(0.10) A/U |
| N-Nitrosomorpholine | 3.2 A/D,J | 1.6 A/J |
| n-Nitrosopyrrolidine | **0.33 A/D** | ND(0.10) A/U |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| Phenanthrene | 0.60 A/D,J | ND(2.0) A/U |
| Pyrene | 0.055 J/D,J | ND(0.10) A/U |

| RG-8B | 05/02/07 | 04/22/08 |
|---|---|---|
| 124-TriClBenzene | **19 A/D** | 14 A/ |
| 12-DiClBenzene | 18 A/D | 11 A/ |
| 14-Dichlorobenzene | 0.89 A/D | 14 A/ |
| 246-Trimethylbenzo | 12 A/N,D | 16 A/N |
| 24-Dichlorophenol | 1.4 A/D,J | ND(2.0) A/U |
| 2-Nitrophenol | ND(2.0) A/D,U | 3.7 A/ |
| 4-Nitrophenol | 16 A/D | 11 A/ |
| BaPyr | **0.11 J/D** | ND(1.0) A/U |
| bis(2chlethl)ethr | **1.7 A/D** | **0.41 A/** |
| bis(2chlethox)met | 1.6 A/D,J | ND(2.0) A/U |
| Dichloroprop | NS | 17 A/N |
| Herbicides | ND | ND |
| Indeno | **0.044 J/D,J** | ND(1.0) A/U |
| Naphthalene | **0.94 A/D** | **0.86 A/J** |
| N-Nitdipropylamine | ND(0.10) A/D,U | **0.58 A/J** |
| N-Nitrosodiethylamine | **0.050 A/D,J** | ND(1.0) A/U |
| n-Nitrosopyrrolidine | ND(0.10) A/D,U | **0.73 A/J** |
| Organochlorine Pesticides | ND | ND |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |
| p-Dimeaminoazobenz | 0.70 J/D,J | ND(10) UJ/U |

| SW-31 | 05/07/07 | 04/29/08 |
|---|---|---|
| 12-DiClBenzene | 1.6 A/D,J | 1.3 A/J |
| 14-Dichlorobenzene | 0.22 A/D | 0.097 A/J |
| 224-Trimethyl-13 | 26 NJ/N,D | NS |
| 23-Dichloropyridine | NS | 25 A/N |
| 245-TP (Silvex) | ND(7.0) A/D,U | 1.2 J/D |
| 26-Dichloropyridine | 26 NJ/N,D | NS |
| alpha-Chlordane | ND(0.010) A/D,U | 0.0033 A/J |
| BaAnt | 0.020 A/D,J | ND(0.10) A/U |
| BaPyr | **0.087 A/B,D** | ND(0.10) A/U |
| BbFl | **0.092 A/B,D** | ND(0.10) A/U |
| bis(2chlethl)ethr | **0.076 A/D,J** | **0.065 A/J** |
| BkFl | 0.030 A/D,J | ND(0.10) A/U |
| DBahAnt | **0.10 A/D** | ND(0.10) A/U |
| Dichloroprop | ND(50) A/D,U | 13 J/D |
| Indeno | **0.098 J/B,D** | 0.074 A/J |
| Methoxybenzene | 34 NJ/N,D | 34 A/N |
| Naphthalene | 0.033 A/D,J | 0.031 A/J |
| N-Nitdipropylamine | **0.15 A/D** | ND(0.23) U/ |
| N-Nitrosodiethylamine | **0.074 A/D,J** | **0.036 A/J** |
| N-Nitrosomethylethyl | ND(0.10) A/D,U | **2.8 J/** |
| n-Nitrosopyrrolidine | **0.13 A/D** | **0.053 A/J** |
| Organophosporus Pesticides | ND | ND |
| PCBs | ND | ND |

| Sump 9B | 11/08/04 | 04/14/05 |
|---|---|---|
| 124-TriClBenzene | ND(190) /U | **1400 /D** |
| 2346-Tetrachlorop | ND(940) R/U | 310 /JD |
| 24-Dichlorophenol | ND(190) R/U | **940 /D** |
| 24-Dichlrphnox ac | ND(40) /U | **1600 J/DP** |
| 24-Dimethphenol | **1500 J** | **1000 /D** |
| 2-Methnaphthalene | ND(190) /U | 780 /D |
| 2-Methylphenol | **4900 J** | **2500 /D** |
| Acetophenone | ND(940) /U | 840 /D |
| BaAnt | **2.0 B/D** | **9.3 B/D** |
| BaPyr | ND(0.99) /UD | **2.8 /JD** |
| BbFl | **0.88 /JD** | **0.92 /JD** |
| Benzoic acid | 12000 J | 6800 /D |
| Benzyl alcohol | 890 J | 510 /D |
| BghiPer | **0.40 /JD** | **2.2 B/JD** |
| Bis(2chloethl)ethr | **700 /D** | **3.5 /JD** |
| Bis(2ethlhex)phlat | **700 J** | **3300 B/D** |
| BkFl | **0.62 /JD** | **2.7 /JD** |
| Butlbenzylphthalat | 150 J/J | 940 /D |
| Chry | **1.6 /D** | **6.4 /JD** |
| DBahAnt | **0.18 B/JD** | ND(7.5) /UD |
| Dimethyl phthalate | 310 | ND(99) /UD |
| Di-n-butyl phlat | ND(190) /U | 220 /D |
| Disulfoton | ND(5.0) /UD | **9.1 J/DP** |
| Famphur | ND(2.0) /UD | 29 J/D |
| Fl | **4.3 /D** | **21 /D** |
| Flanth | **6.5 /D** | **22 /D** |
| Hexachlorobenzene | **30** | ND(150) /UD |
| Indeno | **0.24 B/JD** | **0.93 /JD** |
| Isoph | **3900 J** | **650 /D** |
| Malathion | 11 J/D | 72 J/DP |
| Nap | **220 /D** | **71000 JB/D** |
| n-Nitdipropylamine | **300 /D** | **22000 JB/D** |
| N-Nitrosodiethylamin | **370 /D** | **61000 JB/DB** |
| N-Nitrosopyrrolidi | **14 /J** | **4.6 /JD** |
| Parathion | ND(2.0) /UD | 2.8 J/D |
| PCBs | ND | ND |
| Phenan | ND(190) /U | 92 /JD |
| Phenol | **17000 J/D** | **11000 /D** |
| Phorate | ND(2.0) /UD | 5.0 J/DP |
| Phosmet | ND(2.0) /UD | 340 J/DP |
| Pyr | **4.4 /D** | **14 /D** |
| Pyridine | **1200 J** | ND(2500) /UD |

0 400 800

SCALE IN FEET

N

## LEGEND

- Burial Trench
- Landfill Boundaries
- Facility and Zone 1 Boundary
- Perimeter Source Control Trench (PSCT)
- Plume Capture Collection Trench (PCT)
- Clay Barrier
- Creek
- Pond Outline
- MW-15C Upper HSU Monitoring Well
- GW-P(E) Upper HSU Piezometer
- RAP-2A Upper HSU Extraction Point
- POND18 Upper HSU Surface Water Sample
- SW-10 Upper HSU Other Sampling Point
- MET Meteorological Station

| B-30 | 10/17/96 |
|---|---|
| 1,2-DCB | 580 J/B |

Well Number
Date (Month/Day/Year)
Groundwater Concentrations in Micrograms Per Liter
Validation Qualifier/Laboratory Qualifier
Chemical

The two most recent sampling events are posted.

List of chemical abbreviations and data qualifiers provided in text.

No results posted indicates no chemicals reported above detection limits.

Laboratory and Validation Qualifiers:

- "D" The sample or sample extract was diluted prior to analysis due to high levels of target analytes or matrix interferences.
- "B" The analyte was detected in an associated blank sample.
- "J" The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. For the inorganic methods, a "+" or "-" may be added to indicate high or low bias.
- "N" The analysis indicates the presence of an anlyte for which there is presumptive evidence to make a tentative identification.
- "NJ" The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value represents an approximate concentration.
- "P" Indicates the second column confirmation of the analytes exceeded the 25 % difference criteria.
- "U" Compound was analyzed, but not detected above the listed sample quantitation limit.
- "UJ" The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is an estimate.
- "R" The result is rejected due to a serious deficiency in the analysis or associated quality control analysis.
- "*" Indicates that the qualifier was applied in response to a Level IV review finding.

The widths of the clay barriers, PSCT, and PCT trenches are exaggerated for presentation purposes.

Bold values indicate exceedences of MCL/PRGs.

ND Not detected, but sampled and analyzed
NR Not sampled/analyzed due to lack of water recovered from sampling location.
NS Not sampled

NOTES:

Topo map revised 1998, 2000, 2004. Topo with P/S landfill and borrow area revised 2000. (Foster-Wheeler).

Zone 1 boundary (green) is approximate and includes the area within the facility boundary.

Includes SVOCs, PAH, TPH, dioxins/furans (TCDD-TE), and herbicides that are present in concentrations greater than their corresponding MCL/PRG.

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| NO. | DATE | REVISIONS | BY | CHK |
|---|---|---|---|---|

| | | | |
|---|---|---|---|
| DRAWN: | PCB | PROJECT NO: | 4088097619 |
| ENGINEER: | | SCALE: | 1"= 400' |
| CHECKED: | NAM | APPROVED: | WJF |
| DATE: | 1/2011 | DATE: | 1/2011 |

**Final Remedial Investigation Report**

Casmalia Resources Superfund Site
Casmalia, California

**Other Organic Compounds in the Upper HSU Northern Area Remedial Investigation Sampling**

FIGURE **G-8**
SHEET: **1** OF **1**
REVISION NUMBER: 0
DATE: January 2011