**October 2013 Analytical Detections Summary for Groundwater**
**Site CG070, Lower Aquifer**
**Former George Air Force Base, California**


| | Location Code: | | EW-06 | | | | | | | | | | NZ-100 | | | | | NZ-104 | | | | | NZ-107 | | | | | NZ-113 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID: | | CG070-30186 | | | | | CG070-30187 | | | | | CG070-30220 | | | | | CG070-30222 | | | | | CG070-30223 | | | | | CG070-30225 | | | | | |
| | Sample Date: | | 10/21/2013 | | | | | 10/21/2013 | | | | | 10/14/2013 | | | | | 10/10/2013 | | | | | 10/18/2013 | | | | | 10/11/2013 | | | | | |
| | Sample Purpose: | | REG | | | | | FD | | | | | REG | | | | | REG | | | | | REG | | | | | REG | | | | | |
| Parameter | Units | | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result |
| Field Tests | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Oxygen | mg/L | - | **5.55** | | | | | **NS** | | | | | **1.01** | | | | | **0.7** | | | | | **5.03** | | | | | **2.91** | | | | | **0.91** |
| Oxygen Reduction Potential | mV | - | **18** | | | | | **NS** | | | | | **-196.3** | | | | | **-52.4** | | | | | **198.8** | | | | | **11.7** | | | | | **-103.6** |
| pH | pH units | - | **7.63** | | | | | **NS** | | | | | **8.91** | | | | | **7.43** | | | | | **7.44** | | | | | **7.42** | | | | | **7.41** |
| Specific Conductance | mmhos/cm | - | **0.948** | | | | | **NS** | | | | | **0.406** | | | | | **0.777** | | | | | **0.884** | | | | | **0.945** | | | | | **1.157** |
| Temperature | Deg C | - | **22.74** | | | | | **NS** | | | | | **26.4** | | | | | **27.7** | | | | | **25.3** | | | | | **23.4** | | | | | **25.6** |
| Turbidity | NTU | - | **34** | | | | | **NS** | | | | | **8** | | | | | **6** | | | | | **6** | | | | | **8** | | | | | **7** |
| Volatile Organic Compounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | µg/L | - | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** |
| 1,1,1-Trichloroethane | µg/L | 200 | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** |
| 1,1,2,2-Tetrachloroethane | µg/L | 1 | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** |
| 1,1,2-Trichloroethane | µg/L | 5 | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** |
| 1,1-Dichloroethane | µg/L | 5 | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** |
| 1,1-Dichloroethene | µg/L | 6 | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** |
| 1,1-Dichloropropene | µg/L | - | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** |
| 1,2,3-Trichlorobenzene | µg/L | - | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** |
| 1,2,3-Trichloropropane | µg/L | - | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** |
| 1,2,4-Trichlorobenzene | µg/L | 5 | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** |
| 1,2,4-Trimethylbenzene | µg/L | 330 | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** |
| 1,2-Dibromo-3-Chloropropane | µg/L | 0.200000003 | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** |
| 1,2-Dibromoethane | µg/L | 0.050000001 | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** |
| 1,2-Dichlorobenzene | µg/L | 600 | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** |
| 1,2-Dichloroethane | µg/L | 0.5 | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** |
| 1,2-Dichloropropane | µg/L | 5 | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** |
| 1,3,5-Trimethylbenzene | µg/L | 330 | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** |
| 1,3-Dichlorobenzene | µg/L | - | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** |
| 1,3-Dichloropropane | µg/L | - | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** |
| 1,4-Dichlorobenzene | µg/L | 5 | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** |
| 2,2-Dichloropropane | µg/L | - | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** |
| 2-Butanone | µg/L | - | **10** | 10 | 5 | 2.2 | UJ | **10** | 10 | 5 | 2.2 | UJ | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** |
| 2-Chlorotoluene | µg/L | - | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** |
| 2-Hexanone | µg/L | - | **10** | 10 | 5 | 2.1 | R | **10** | 10 | 5 | 2.1 | R | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | UJ | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** |
| 4-Chlorotoluene | µg/L | - | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** |
| 4-Methyl-2-Pentanone | µg/L | - | **10** | 10 | 5 | 4.4 | R | **10** | 10 | 5 | 4.4 | R | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** |
| Acetone | µg/L | - | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** |
| Benzene | µg/L | 1 | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** |
| Bromobenzene | µg/L | - | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** |
| Bromochloromethane | µg/L | - | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** |
| Bromodichloromethane | µg/L | 100 | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** |
| Bromoform | µg/L | 80 | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** |
| Bromomethane | µg/L | - | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | U | **20** |
| Carbon Disulfide | µg/L | - | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** |
| Carbon Tetrachloride | µg/L | 0.5 | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** |
| Chlorobenzene | µg/L | 70 | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** |
| Chloroethane | µg/L | - | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** |

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**Site CG070, Lower Aquifer**
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| NZ-127b | | | | | NZ-127c | | | | | NZ-129b | | | | | | | | | | NZ-129c | | | | | NZ-130a | | | | | NZ-130b | | | | | NZ-130c | | | | | NZ-132b | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CG070-30227 | | | | | CG070-30228 | | | | | CG070-30229 | | | | | CG070-30230 | | | | | CG070-30231 | | | | | CG070-30232 | | | | | CG070-30233 | | | | | CG070-30234 | | | | | CG070-30235 | | | | |
| 10/10/2013 | | | | | 10/10/2013 | | | | | 10/16/2013 | | | | | 10/16/2013 | | | | | 10/9/2013 | | | | | 10/17/2013 | | | | | 10/9/2013 | | | | | 10/9/2013 | | | | | 10/7/2013 | | | | |
| REG | | | | | REG | | | | | REG | | | | | FD | | | | | REG | | | | | REG | | | | | REG | | | | | REG | | | | | REG | | | | |
| LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result |
| | | | | **0.96** | | | | | **4.7** | | | | | **NS** | | | | | **2.9** | | | | | **4.57** | | | | | **0.43** | | | | | **0.86** | | | | | **0.39** | | | | |
| | | | | **-115.7** | | | | | **44.1** | | | | | **NS** | | | | | **21.7** | | | | | **10.2** | | | | | **-276.3** | | | | | **-184.9** | | | | | **-46.3** | | | | |
| | | | | **7.46** | | | | | **7.72** | | | | | **NS** | | | | | **8.12** | | | | | **7.73** | | | | | **7.73** | | | | | **8.1** | | | | | **7.05** | | | | |
| | | | | **0.811** | | | | | **0.775** | | | | | **NS** | | | | | **0.546** | | | | | **0.711** | | | | | **0.655** | | | | | **0.756** | | | | | **1.224** | | | | |
| | | | | **22.8** | | | | | **25.16** | | | | | **NS** | | | | | **25.7** | | | | | **25.87** | | | | | **23.8** | | | | | **22.2** | | | | | **20.64** | | | | |
| | | | | **7** | | | | | **9** | | | | | **NS** | | | | | **4** | | | | | **9** | | | | | **7** | | | | | **5** | | | | | **5** | | | | |
| 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** |
| 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** |
| 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** |
| 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** |
| 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** |
| 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** |
| 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** |
| 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** |
| 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** |
| 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** |
| 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** |
| 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** |
| 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** |
| 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** |
| 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** |
| 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** |
| 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** |
| 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** |
| 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** |
| 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** |
| 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** |
| 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** |
| 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** |
| 10 | 5 | 2.1 | UJ | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | UJ | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | UJ | **10** | 10 | 5 | 2.1 | UJ | **10** | 10 | 5 | 2.1 | U | **10** |
| 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** |
| 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** |
| 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** |
| 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** |
| 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** |
| 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** |
| 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** |
| 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** |
| 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | U | **20** |
| 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** |
| 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** |
| 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** |
| 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** |

**October 2013 Analytical Detections Summary for Groundwater**
**Site CG070, Lower Aquifer**
**Former George Air Force Base, California**


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloroform | µg/L | 80 | **0.46** | 5 | 0.5 | 0.46 | U | **0.47** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **2.3** | 5 | 0.5 | 0.46 | J | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** |
| Chloromethane | µg/L | - | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** |
| cis-1,2-Dichloroethene | µg/L | 6 | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** |
| cis-1,3-Dichloropropene | µg/L | 0.5 | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** |
| Dibromochloromethane | µg/L | - | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** |
| Dibromomethane | µg/L | - | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** |
| Dichlorodifluoromethane | µg/L | - | **1** | 1 | 0.5 | 0.46 | UJ | **1** | 1 | 0.5 | 0.46 | UJ | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** |
| Ethylbenzene | µg/L | 300 | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** |
| Hexachlorobutadiene | µg/L | - | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** |
| Isopropylbenzene | µg/L | 700 | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** |
| m,p-Xylene | µg/L | 1750 | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** |
| Methyl Tert-Butyl Ether | µg/L | 13 | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** |
| Methylene chloride | µg/L | 5 | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** |
| Naphthalene | µg/L | - | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | U | **10** | 10 | 5 | 2.5 | UJ | **10** |
| n-Butylbenzene | µg/L | 260 | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | UJ | **1** | 1 | 0.5 | 0.23 | U | **1** |
| n-Propylbenzene | µg/L | - | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** |
| o-Xylene | µg/L | 1750 | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** |
| p-Isopropyltoluene | µg/L | - | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** |
| sec-Butylbenzene | µg/L | 260 | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** |
| Styrene | µg/L | 100 | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** |
| tert-Butylbenzene | µg/L | 260 | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | UJ | **1** | 1 | 0.5 | 0.28 | U | **1** |
| Tetrachloroethene | µg/L | 5 | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1.3** | 1 | 0.5 | 0.39 | | **0.83** |
| Toluene | µg/L | 150 | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** |
| trans-1,2-Dichloroethene | µg/L | 10 | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** |
| trans-1,3-Dichloropropene | µg/L | 0.5 | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** |
| Trichloroethene | µg/L | 5 | **62** | 1 | 0.5 | 0.37 | | **63** | 1 | 0.5 | 0.37 | J | **0.53** | 1 | 0.5 | 0.37 | J | **1** | 1 | 0.5 | 0.37 | U | **10** | 1 | 0.5 | 0.37 | | **1.5** | 1 | 0.5 | 0.37 | | **0.7** |
| Trichlorofluoromethane | µg/L | 150 | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** |
| Vinyl Acetate | µg/L | - | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | UJ | **10** | 10 | 5 | 2.8 | R | **10** |
| Vinyl Chloride | µg/L | 0.5 | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** |

**October 2013 Analytical Detections Summary for Groundwater**
**Site CG070, Lower Aquifer**
**Former George Air Force Base, California**


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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **1.5** | 5 | 0.5 | 0.46 | J | **3.1** | 5 | 0.5 | 0.46 | J | **1.2** | 5 | 0.5 | 0.46 | J | **5** | 5 | 0.5 | 0.46 | U |
| 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U |
| 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **0.61** | 1 | 0.5 | 0.48 | J | **0.59** | 1 | 0.5 | 0.48 | J | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U |
| 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U |
| 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U |
| 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U |
| 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U |
| 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U |
| 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U |
| 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | U | **10** | 10 | 5 | 2.5 | U | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | U | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ |
| 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | UJ | **1** | 1 | 0.5 | 0.23 | UJ | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | UJ | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U |
| 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U |
| 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U |
| 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | UJ | **1** | 1 | 0.5 | 0.28 | UJ | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | UJ | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U |
| 1 | 0.5 | 0.39 | J | **1.1** | 1 | 0.5 | 0.39 | | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U |
| 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U |
| 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| 1 | 0.5 | 0.37 | J | **1.3** | 1 | 0.5 | 0.37 | | **29** | 1 | 0.5 | 0.37 | | **31** | 1 | 0.5 | 0.37 | | **3.1** | 1 | 0.5 | 0.37 | | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U |
| 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U |
| 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | UJ | **10** | 10 | 5 | 2.8 | UJ | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | UJ | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R |
| 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U |

| | Location Code: | | NZ-132c | | | | | NZ-135b | | | | | NZ-135c | | | | | NZ-37 | | | | | NZ-44 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample ID: | | CG070-30236 | | | | | CG070-30237 | | | | | CG070-30238 | | | | | CG070-30202 | | | | | CG070-30204 | | | | |
| | Sample Date: | | 10/7/2013 | | | | | 10/8/2013 | | | | | 10/8/2013 | | | | | 10/16/2013 | | | | | 10/9/2013 | | | | |
| | Sample Purpose: | | REG | | | | | REG | | | | | REG | | | | | REG | | | | | REG | | | | |
| Parameter | Units | | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ |
| Field Tests | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Oxygen | mg/L | - | **0.86** | | | | | **0.58** | | | | | **0.32** | | | | | **6.35** | | | | | **3.09** | | | | |
| Oxygen Reduction Potential | mV | - | **-30.3** | | | | | **-24.8** | | | | | **-66.7** | | | | | **38.2** | | | | | **21.2** | | | | |
| pH | pH units | - | **7.14** | | | | | **7.48** | | | | | **7.79** | | | | | **7.43** | | | | | **8.1** | | | | |
| Specific Conductance | mmhos/cm | - | **1.117** | | | | | **0.617** | | | | | **0.435** | | | | | **0.777** | | | | | **0.44** | | | | |
| Temperature | Deg C | - | **21.04** | | | | | **21.27** | | | | | **23.82** | | | | | **23.79** | | | | | **25.8** | | | | |
| Turbidity | NTU | - | **5** | | | | | **8** | | | | | **44** | | | | | **92** | | | | | **7** | | | | |
| Volatile Organic Compounds | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | µg/L | - | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U |
| 1,1,1-Trichloroethane | µg/L | 200 | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U |
| 1,1,2,2-Tetrachloroethane | µg/L | 1 | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U |
| 1,1,2-Trichloroethane | µg/L | 5 | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U |
| 1,1-Dichloroethane | µg/L | 5 | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U |
| 1,1-Dichloroethene | µg/L | 6 | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U |
| 1,1-Dichloropropene | µg/L | - | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U |
| 1,2,3-Trichlorobenzene | µg/L | - | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U |
| 1,2,3-Trichloropropane | µg/L | - | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U |
| 1,2,4-Trichlorobenzene | µg/L | 5 | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U |
| 1,2,4-Trimethylbenzene | µg/L | 330 | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U |
| 1,2-Dibromo-3-Chloropropane | µg/L | 0.200000003 | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U |
| 1,2-Dibromoethane | µg/L | 0.050000001 | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U |
| 1,2-Dichlorobenzene | µg/L | 600 | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| 1,2-Dichloroethane | µg/L | 0.5 | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| 1,2-Dichloropropane | µg/L | 5 | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U |
| 1,3,5-Trimethylbenzene | µg/L | 330 | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U |
| 1,3-Dichlorobenzene | µg/L | - | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U |
| 1,3-Dichloropropane | µg/L | - | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U |
| 1,4-Dichlorobenzene | µg/L | 5 | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U |
| 2,2-Dichloropropane | µg/L | - | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U |
| 2-Butanone | µg/L | - | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U |
| 2-Chlorotoluene | µg/L | - | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| 2-Hexanone | µg/L | - | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | UJ |
| 4-Chlorotoluene | µg/L | - | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U |
| 4-Methyl-2-Pentanone | µg/L | - | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U |
| Acetone | µg/L | - | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R |
| Benzene | µg/L | 1 | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U |
| Bromobenzene | µg/L | - | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U |
| Bromochloromethane | µg/L | - | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U |
| Bromodichloromethane | µg/L | 100 | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U |
| Bromoform | µg/L | 80 | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U |
| Bromomethane | µg/L | - | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | U |
| Carbon Disulfide | µg/L | - | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U |
| Carbon Tetrachloride | µg/L | 0.5 | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| Chlorobenzene | µg/L | 70 | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U |
| Chloroethane | µg/L | - | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U |
| Chloroform | µg/L | 80 | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **1.4** | 5 | 0.5 | 0.46 | J | **5** | 5 | 0.5 | 0.46 | U |
| Chloromethane | µg/L | - | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U |
| cis-1,2-Dichloroethene | µg/L | 6 | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U |
| cis-1,3-Dichloropropene | µg/L | 0.5 | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U |
| Dibromochloromethane | µg/L | - | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| Dibromomethane | µg/L | - | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| Dichlorodifluoromethane | µg/L | - | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| Ethylbenzene | µg/L | 300 | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U |
| Hexachlorobutadiene | µg/L | - | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U |
| Isopropylbenzene | µg/L | 700 | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U |
| m,p-Xylene | µg/L | 1750 | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U |

| NZ-44 | | | | | NZ-73 | | | | | NZ-80 | | | | | NZ-84 | | | | | OW-1 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CG070-30205 | | | | | CG070-30212 | | | | | CG070-30213 | | | | | CG070-30215 | | | | | CG070-30239 | | | | |
| 10/9/2013 | | | | | 10/8/2013 | | | | | 10/18/2013 | | | | | 10/22/2013 | | | | | 10/8/2013 | | | | |
| FD | | | | | REG | | | | | REG | | | | | REG | | | | | REG | | | | |
| Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ | Result | LOQ | LOD | DL | VQ |
| **NS** | | | | | **2.09** | | | | | **4.61** | | | | | **6.33** | | | | | **1.47** | | | | |
| **NS** | | | | | **39.1** | | | | | **35.1** | | | | | **164** | | | | | **-8.2** | | | | |
| **NS** | | | | | **7.61** | | | | | **7.63** | | | | | **7.34** | | | | | **7.09** | | | | |
| **NS** | | | | | **0.664** | | | | | **0.881** | | | | | **1.139** | | | | | **0.892** | | | | |
| **NS** | | | | | **25.23** | | | | | **25.58** | | | | | **25.04** | | | | | **22.47** | | | | |
| **NS** | | | | | **9** | | | | | **6** | | | | | **6** | | | | | **4** | | | | |
| **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U |
| **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U |
| **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U | **1** | 1 | 0.5 | 0.41 | U |
| **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U | **1** | 1 | 0.5 | 0.38 | U |
| **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U |
| **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U |
| **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U |
| **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U | **5** | 5 | 1 | 0.51 | U |
| **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U |
| **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U | **5** | 5 | 1 | 0.5 | U |
| **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U | **5** | 5 | 0.5 | 0.36 | U |
| **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U | **10** | 10 | 2 | 1.2 | U |
| **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U |
| **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U | **1** | 1 | 0.5 | 0.42 | U |
| **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U | **5** | 5 | 0.5 | 0.28 | U |
| **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U | **1** | 1 | 0.5 | 0.4 | U |
| **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U | **5** | 5 | 0.5 | 0.3 | U |
| **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U | **1** | 1 | 0.5 | 0.43 | U |
| **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U | **1** | 1 | 0.5 | 0.36 | U |
| **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | U | **10** | 10 | 5 | 2.2 | UJ | **10** | 10 | 5 | 2.2 | U |
| **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| **10** | 10 | 5 | 2.1 | UJ | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | U | **10** | 10 | 5 | 2.1 | R | **10** | 10 | 5 | 2.1 | U |
| **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U | **1** | 1 | 0.5 | 0.13 | U |
| **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | U | **10** | 10 | 5 | 4.4 | R | **10** | 10 | 5 | 4.4 | U |
| **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R | **20** | 20 | 10 | 6 | R |
| **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U |
| **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U |
| **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U | **5** | 5 | 0.5 | 0.48 | U |
| **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U | **5** | 5 | 0.5 | 0.21 | U |
| **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U | **10** | 10 | 1 | 0.5 | U |
| **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | U | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | UJ | **20** | 20 | 5 | 3.9 | U |
| **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U | **5** | 5 | 0.5 | 0.41 | U |
| **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U | **5** | 5 | 0.5 | 0.17 | U |
| **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U | **10** | 10 | 5 | 2.3 | U |
| **5** | 5 | 0.5 | 0.46 | U | **2.8** | 5 | 0.5 | 0.46 | J | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U | **5** | 5 | 0.5 | 0.46 | U |
| **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U | **10** | 10 | 2 | 1.8 | U |
| **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1** | 1 | 0.5 | 0.48 | U | **1.6** | 1 | 0.5 | 0.48 | | **1** | 1 | 0.5 | 0.48 | U |
| **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U |
| **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | U | **1** | 1 | 0.5 | 0.46 | UJ | **1** | 1 | 0.5 | 0.46 | U |
| **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U | **1** | 1 | 0.5 | 0.14 | U |
| **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U | **1** | 1 | 0.5 | 0.32 | U |
| **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U | **5** | 5 | 1 | 0.58 | U |
| **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U | **10** | 10 | 1 | 0.3 | U |

| OW-6 | | | | |
|---|---|---|---|---|
| CG070-30240 | | | | |
| 10/10/2013 | | | | |
| REG | | | | |
| Result | LOQ | LOD | DL | VQ |
| | | | | |
| **0.84** | | | | |
| **-86** | | | | |
| **7.46** | | | | |
| **0.61** | | | | |
| **20.2** | | | | |
| **4** | | | | |
| | | | | |
| **1** | 1 | 0.5 | 0.4 | U |
| **5** | 5 | 0.5 | 0.3 | U |
| **1** | 1 | 0.5 | 0.41 | U |
| **1** | 1 | 0.5 | 0.38 | U |
| **5** | 5 | 0.5 | 0.28 | U |
| **1** | 1 | 0.5 | 0.43 | U |
| **5** | 5 | 0.5 | 0.46 | U |
| **5** | 5 | 1 | 0.51 | U |
| **5** | 5 | 1 | 0.64 | U |
| **5** | 5 | 1 | 0.5 | U |
| **5** | 5 | 0.5 | 0.36 | U |
| **10** | 10 | 2 | 1.2 | U |
| **1** | 1 | 0.5 | 0.36 | U |
| **1** | 1 | 0.5 | 0.46 | U |
| **1** | 1 | 0.5 | 0.24 | U |
| **1** | 1 | 0.5 | 0.42 | U |
| **5** | 5 | 0.5 | 0.28 | U |
| **1** | 1 | 0.5 | 0.4 | U |
| **5** | 5 | 0.5 | 0.3 | U |
| **1** | 1 | 0.5 | 0.43 | U |
| **1** | 1 | 0.5 | 0.36 | U |
| **10** | 10 | 5 | 2.2 | U |
| **1** | 1 | 0.5 | 0.24 | U |
| **10** | 10 | 5 | 2.1 | UJ |
| **1** | 1 | 0.5 | 0.13 | U |
| **10** | 10 | 5 | 4.4 | U |
| **20** | 20 | 10 | 6 | R |
| **1** | 1 | 0.5 | 0.14 | U |
| **1** | 1 | 0.5 | 0.3 | U |
| **5** | 5 | 0.5 | 0.48 | U |
| **5** | 5 | 0.5 | 0.21 | U |
| **10** | 10 | 1 | 0.5 | U |
| **20** | 20 | 5 | 3.9 | U |
| **5** | 5 | 0.5 | 0.41 | U |
| **1** | 1 | 0.5 | 0.23 | U |
| **5** | 5 | 0.5 | 0.17 | U |
| **10** | 10 | 5 | 2.3 | U |
| **5** | 5 | 0.5 | 0.46 | U |
| **10** | 10 | 2 | 1.8 | U |
| **1** | 1 | 0.5 | 0.48 | U |
| **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.46 | U |
| **1** | 1 | 0.5 | 0.46 | U |
| **1** | 1 | 0.5 | 0.14 | U |
| **1** | 1 | 0.5 | 0.32 | U |
| **5** | 5 | 1 | 0.58 | U |
| **10** | 10 | 1 | 0.3 | U |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl Tert-Butyl Ether | µg/L | 13 | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U |
| Methylene chloride | µg/L | 5 | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U |
| Naphthalene | µg/L | - | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | U | **10** | 10 | 5 | 2.5 | UJ |
| n-Butylbenzene | µg/L | 260 | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | UJ | **1** | 1 | 0.5 | 0.23 | U |
| n-Propylbenzene | µg/L | - | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U |
| o-Xylene | µg/L | 1750 | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| p-Isopropyltoluene | µg/L | - | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U |
| sec-Butylbenzene | µg/L | 260 | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U |
| Styrene | µg/L | 100 | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U |
| tert-Butylbenzene | µg/L | 260 | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | UJ | **1** | 1 | 0.5 | 0.28 | U |
| Tetrachloroethene | µg/L | 5 | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U |
| Toluene | µg/L | 150 | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| trans-1,2-Dichloroethene | µg/L | 10 | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U |
| trans-1,3-Dichloropropene | µg/L | 0.5 | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| Trichloroethene | µg/L | 5 | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **0.66** | 1 | 0.5 | 0.37 | J | **1** | 1 | 0.5 | 0.37 | U |
| Trichlorofluoromethane | µg/L | 150 | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U |
| Vinyl Acetate | µg/L | - | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | UJ | **10** | 10 | 5 | 2.8 | R |
| Vinyl Chloride | µg/L | 0.5 | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U | **1** | 1 | 0.5 | 0.31 | U |
| **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U | **5** | 5 | 1 | 0.64 | U |
| **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | U | **10** | 10 | 5 | 2.5 | UJ | **10** | 10 | 5 | 2.5 | UJ |
| **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | UJ | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U |
| **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U | **1** | 1 | 0.5 | 0.23 | U |
| **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U | **5** | 5 | 0.5 | 0.16 | U |
| **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | UJ | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U | **1** | 1 | 0.5 | 0.17 | U |
| **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | UJ | **1** | 1 | 0.5 | 0.28 | U | **1** | 1 | 0.5 | 0.28 | U |
| **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U | **1.2** | 1 | 0.5 | 0.39 | | **1** | 1 | 0.5 | 0.39 | U | **1** | 1 | 0.5 | 0.39 | U |
| **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U | **1** | 1 | 0.5 | 0.24 | U |
| **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U |
| **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U | **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.37 | U | **1** | 1 | 0.5 | 0.37 | U | **5.3** | 1 | 0.5 | 0.37 | | **62** | 1 | 0.5 | 0.37 | | **1** | 1 | 0.5 | 0.37 | U |
| **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U | **10** | 10 | 2 | 1.7 | U |
| **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | UJ | **10** | 10 | 5 | 2.8 | R | **10** | 10 | 5 | 2.8 | R |
| **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U | **1** | 1 | 0.5 | 0.3 | U |

| | | | | |
|---|---|---|---|---|
| **1** | 1 | 0.5 | 0.31 | U |
| **5** | 5 | 1 | 0.64 | U |
| **10** | 10 | 5 | 2.5 | UJ |
| **1** | 1 | 0.5 | 0.23 | U |
| **1** | 1 | 0.5 | 0.17 | U |
| **1** | 1 | 0.5 | 0.23 | U |
| **5** | 5 | 0.5 | 0.16 | U |
| **1** | 1 | 0.5 | 0.25 | U |
| **1** | 1 | 0.5 | 0.17 | U |
| **1** | 1 | 0.5 | 0.28 | U |
| **1** | 1 | 0.5 | 0.39 | U |
| **1** | 1 | 0.5 | 0.24 | U |
| **1** | 1 | 0.5 | 0.37 | U |
| **1** | 1 | 0.5 | 0.25 | U |
| **0.87** | 1 | 0.5 | 0.37 | J |
| **10** | 10 | 2 | 1.7 | U |
| **10** | 10 | 5 | 2.8 | R |
| **1** | 1 | 0.5 | 0.3 | U |

**NOTES:**
Deg C - Degrees Celsius.
DL - Detection limit.
FD - Field duplicate sample.
LOD - Limit of detection.
LOQ - Limit of quantification.
MCL - Maximum contaminant level, the lower of the Federal and California MCLs
California MCLs - California Department of Public Health, 2012, California Code of Regulations - Title 22
Federal MCLs - EPA, 2012, 2012 Drinking Water Standards and Health Advisories, EPA 822-S-12-001, April
µg/L - Micrograms per liter.
mg/L - Milligrams per liter.
mmhos/cm - Micromohs per centimeter.
mV - Millivolts.
NA - Not analyzed.
NTU - Nephelometric turbidity units.
REG- Regular analytical sample.
Shaded - Greater than the MCL.
VQ - Validation qualifier.

Validation Qualifiers
J - Result should be considered estimated.
U - Undetected result, unaffected during data validation.
UJ - Estimated non-decte result determined to be estimated during data validation.
R - Result should be rejected.