# 2007 REPORT
# SAN FERNANDO VALLEY SUPERFUND SITES
# GROUNDWATER MONITORING PROGRAM

## SAN FERNANDO VALLEY
## LOS ANGELES COUNTY, CALIFORNIA

## APPENDICES A-E

A. Remedial Investigation Monitoring Well Completion Data

B. Rationale for Selection of Representative Monitoring Well Data

C. Remedial Investigation Monitoring Wells Submersible Pump Installation Data

D. Cross-Reference Tables and Field QA/QC Forms

E. Summary of Detected Compounds

United States Environmental Protection Agency

July 2009

# Appendix A
# Remedial Investigation Monitoring Well Completion Data

TABLE A-1
Well Completion Data
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| Well ID | Ground Surface Elevation (ft msl) | Top of Casing Elevation (ft msl) | Total Depth of Boring (ft bgs) | Bottom of Well (ft bgs) | Screen Interval (ft bgs) |
|---|---|---|---|---|---|
| CS-C01-105 | 543.82 | 542.39 | 108 | 107 | 75-105 |
| CS-C01-285 | 543.68 | 542.48 | 289 | 287 | 265-285 |
| CS-C01-558 | 544.1 | 542.55 | 719 | 563 | 538-558 |
| CS-C02-062 | 477.86 | 475.75 | 66 | 62 | 32-62 |
| CS-C02-180 | 477.88 | 475.59 | 190 | 180 | 140-180 |
| CS-C02-250 | 477.85 | 475.60 | 255 | 250 | 230-250 |
| CS-C02-335 | 477.88 | 475.86 | 450 | 335 | 315-335 |
| CS-C03-100 | 489.37 | 487.35 | 115 | 100 | 60-100 |
| CS-C03-325 | 489.6 | 487.54 | 330 | 325 | 295-325 |
| CS-C03-465 | 489.54 | 488.13 | 470 | 465 | 425-465 |
| CS-C03-550 | 489.38 | 487.27 | 585 | 550 | 530-550 |
| CS-C04-290 | 480.05 | 478.22 | 300 | 290 | 260-290 |
| CS-C04-382 | 479.95 | 477.76 | 395 | 382 | 362-382 |
| CS-C04-520 | 480.12 | 477.88 | 700 | 520 | 500-520 |
| CS-C05-160 | 460.7 | 458.87 | 168 | 160 | 120-160 |
| CS-C05-290 | 460.65 | 459.31 | 439 | 290 | 260-290 |
| CS-C06-185 | 456.79 | 455.69 | 195 | 185 | 155-185 |
| CS-C06-278 | 456.73 | 455.37 | 313 | 278 | 258-278 |
| CS-VPB-01 | 499.76 | 498.53 | 109 | 96 | 76.13-95.55 |
| CS-VPB-02 | 508.87 | 507.50 | 100 | 96 | 76.3-96.6 |
| CS-VPB-03 | 518.24 | 517.82 | 103 | 96 | 76-96 |
| CS-VPB-04 | 479.95 | 478.47 | 82 | 80 | 50-80 |
| CS-VPB-05 | 460.74 | 459.61 | 63 | 61 | 41.41-61.37 |
| CS-VPB-06 | 456.83 | 455.44 | 78 | 77 | 56.64-76.64 |
| CS-VPB-07 | 495.83 | 494.44 | 93 | 92 | 71.34-91.88 |
| CS-VPB-08 | 484.48 | 483.05 | 84 | 82 | 61.65-81.69 |
| CS-VPB-09 | 487.07 | 485.73 | 80 | 77 | 56.43-76.43 |
| CS-VPB-10 | 481.02 | 479.66 | 104 | 101 | 81.66-92.66 |
| CS-VPB-11 | 507.22 | 506.08 | 121 | 116 | 95.78-116.08 |
| NH-C01-325 | 782.08 | 781.43 | 333 | 330 | 275-325 |
| NH-C01-450 | 782.15 | 781.56 | 460 | 453 | 400-450 |
| NH-C01-660 | 782.24 | 781.30 | 665 | 662 | 630-660 |
| NH-C01-780 | 782.27 | 781.47 | 902 | 785 | 740-780 |
| NH-C02-220 | 658.52 | 657.10 | 225 | 225 | 170-220 |
| NH-C02-325 | 658.73 | 656.72 | 332 | 325 | 275-325 |
| NH-C02-520 | 658.85 | 657.04 | 527 | 520 | 470-520 |
| NH-C02-681 | 658.97 | 656.96 | 932 | 686 | 641-681 |

TABLE A-1
Well Completion Data
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| Well ID | Ground Surface Elevation (ft msl) | Top of Casing Elevation (ft msl) | Total Depth of Boring (ft bgs) | Bottom of Well (ft bgs) | Screen Interval (ft bgs) |
|---|---|---|---|---|---|
| NH-C03-380 | 710.28 | 708.15 | 388 | 380 | 340-380 |
| NH-C03-580 | 710.41 | 708.70 | 587 | 580 | 540-580 |
| NH-C03-680 | 710.46 | 708.02 | 695 | 680 | 640-680 |
| NH-C03-800 | 710.62 | 708.55 | 908 | 800 | 760-800 |
| NH-C04-240 | 560 | 557.88 | 245 | 240 | 210-240 |
| NH-C04-375 | 559.9 | 557.75 | 385 | 375 | 325-375 |
| NH-C04-560 | 559.61 | 557.34 | 919 | 565 | 510-560 |
| NH-C05-320 | 774.33 | 772.39 | 325 | 320 | 270-320 |
| NH-C05-460 | 774.19 | 772.15 | 470 | 465 | 390-460 |
| NH-C06-160 | 590.84 | 589.50 | 166 | 162 | 110-160 |
| NH-C06-285 | 590.91 | 589.24 | 300 | 290 | 235-285 |
| NH-C06-425 | 590.98 | 589.44 | 435 | 430 | 365-425 |
| NH-VPB-01 | 559.54 | 559.13 | 169 | 146 | 125.44-145.44 |
| NH-VPB-02 | 710.5 | 710.00 | 264 | 261 | 241.6-261.6 |
| NH-VPB-03 | 676.55 | 676.16 | 223 | 220 | 200.05-220.35 |
| NH-VPB-04 | 631.97 | 631.54 | 188 | 181 | 160.47-180.77 |
| NH-VPB-05 | 657.26 | 656.68 | 207 | 205 | 185.16-205.46 |
| NH-VPB-06 | 746.93 | 746.39 | 310 | 307 | 287.43-307.73 |
| NH-VPB-07 | 756.28 | 755.82 | 295 | 290 | 270.58-290.88 |
| NH-VPB-08 | 669.25 | 668.68 | 231 | 225 | 205-225.55 |
| NH-VPB-09 | 795.86 | 794.84 | 293 | 291 | 271.06-291.46 |
| NH-VPB-10 | 764.12 | 763.28 | 328 | 326 | 305.42-325.72 |
| NH-VPB-11 | 790.64 | 789.88 | 329 | 321 | 301.14-321.44 |
| NH-VPB-12 | 614.02 | 613.55 | 171 | 160 | 140.02-160.32 |
| NH-VPB-13 | 855.64 | 855.06 | 379 | 375 | 356.24-375.54 |
| NH-VPB-14 | 565.41 | 564.93 | 114 | 112 | 91.71-112.01 |
| PO-C01-195 | 444.64 | 443.72 | 198 | 195 | 175-195 |
| PO-C01-354 | 444.45 | 442.30 | 378 | 359 | 324-354 |
| PO-C02-053 | 427.75 | 426.62 | 60 | 57 | 22-52 |
| PO-C02-205 | 428.02 | 426.79 | 233 | 210 | 175-205 |
| PO-C03-182 | 386.24 | 385.15 | 187 | 185 | 162-182 |
| PO-C03-235 | 386.12 | 384.99 | 274 | 240 | 205-235 |
| PO-VPB-01 | 412.64 | 411.33 | 65 | 61 | 41.25-61.25 |
| PO-VPB-02 | 444.39 | 443.41 | 74 | 71 | 50.59-70.66 |
| PO-VPB-03 | 387.26 | 386.11 | 78 | 71 | 50.75-70.82 |
| PO-VPB-04 | 381.15 | 380.13 | 119 | 115 | 94.44-114.5 |
| PO-VPB-05 | 367.66 | 366.57 | 69 | 66 | 45.78-65.78 |

TABLE A-1
Well Completion Data
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| Well ID | Ground Surface Elevation (ft msl) | Top of Casing Elevation (ft msl) | Total Depth of Boring (ft bgs) | Bottom of Well (ft bgs) | Screen Interval (ft bgs) |
|---|---|---|---|---|---|
| PO-VPB-06 | 347.72 | 346.47 | 55 | 51 | 31.22-51.21 |
| PO-VPB-07 | 395.39 | 394.24 | 93 | 91 | 70.79-90.88 |
| PO-VPB-08 | 331.95 | 331.30 | 49 | 46 | 25.88-46 |
| PO-VPB-09 | 369.38 | 368.12 | 58 | 56 | 35.87-55.92 |
| PO-VPB-10 | 474.7 | 472.80 | 93 | 91 | 70.7-90.81 |
| PO-VPB-11 | 415.56 | 414.66 | 110 | 106 | 85.48-105.51 |
| VD-VPB-01 | 1397.37 | 1395.36 | 214 | 210 | 189.8-209.84 |
| VD-VPB-02 | 1170.81 | 1169.03 | 149 | 136 | 115.96-135.72 |
| VD-VPB-03 | 817.26 | 816.13 | 50 | 46 | 25.48-45.58 |
| VD-VPB-04 | 988.3 | 985.99 | 124 | 116 | 96.09-116 |
| VD-VPB-05 | 1217.48 | 1216.13 | 170 | 156 | 135.62-156.43 |
| VD-VPB-06 | 1649.76 | 1647.83 | 120 | 96 | 75.95-96 |
| VD-VPB-07 | 1847.19 | 1844.77 | 219 | 216 | 195.88-215.92 |

Notes:

ft msl = Feet mean sea level
ft bgs = Feet below ground surface

# Appendix B
# Rationale for Selection of Representative Monitoring Well Data

**APPENDIX B**

# Rationale for Selection of Representative Monitoring Well Data

Groundwater quality data received from various sources are incorporated into the SFV database. These sources include:

- United States Environmental Protection Agency (USEPA) remedial investigation monitoring wells
- California Regional Water Quality Control Board (RWQCB) industrial facility wells
- California Department of Toxic Substances Control (DTSC) facility wells
- Lockheed Martin Corporation (LMC) (formerly Lockheed Aeronautical Systems Corporation [LASC]) monitoring wells
- Production wells operated by purveyors in the San Fernando Valley (SFV) including:
  - Los Angeles Department of Water and Power (LADWP)
  - The Cities of Glendale and Burbank
  - Crescenta Valley Water District (CVWD)

Selection of representative groundwater quality data used for delineation of the areas of contamination is based on the most recent available data received from the sources above for each well in the SFV database. The data set for preparation of concentration contour maps included with the Report uses all available water quality data; however, the data set is subdivided into categories of "recent" and "older" (pre-2000) data. These categories are assigned different well symbols on the concentration contour maps.

# Appendix C
# Remedial Investigation Monitoring Wells
# Submersible Pump Installation Data

TABLE C-1
Submersible Pump Installation Data
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| Well Name | Pump Installation Date | Pump Test Date | Total Depth of Well (ft bgs) | Depth to Water (DTW) (ft bgs) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Pump Setting (ft bgs) | Distance from DTW to Pump (ft) | Distance from Pump to Bottom (ft) | Grundfos Horse-power (HP) | Test Flow Rate (gpm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-C01-105 | 12/18/1991 | 1/15/1992 | 107 | 96.3 | 75 | 105 | 102 | 5.70 | 5 | 0.33 | 6.6 |
| CS-C01-285 | 12/18/1991 | 1/15/1992 | 287 | 93 | 265 | 285 | 163 | 70.00 | 124 | 0.5 | 7 |
| CS-C01-558 | 1/20/1992 | 1/23/1992 | 563 | 97.9 | 538 | 558 | 168 | 70.10 | 395 | 1 | 12 |
| CS-C02-062 | 12/17/1991 | 1/15/1992 | 62 | 39.6 | 32 | 62 | 57 | 17.40 | 5 | 0.33 | 13.2 |
| CS-C02-180 | 12/17/1991 | 1/15/1992 | 180 | 39.8 | 140 | 180 | 110 | 70.20 | 70 | 0.33 | 6.2 |
| CS-C02-250 | 12/17/1991 | 1/15/1992 | 250 | 39.9 | 230 | 250 | 110 | 70.10 | 140 | 0.33 | 6.1 |
| CS-C02-335 | 12/17/1991 | 1/15/1992 | 335 | 40.4 | 315 | 335 | 110 | 69.60 | 225 | 0.5 | 11.6 |
| CS-C03-100 | 12/19/1991 | 1/16/1992 | 100 | 54.6 | 60 | 100 | 95 | 40.40 | 5 | 0.33 | 11.2 |
| CS-C03-325 | 1/14/1992 | 1/16/1992 | 325 | 56.2 | 295 | 325 | 126 | 69.80 | 199 | 0.5 | 10.6 |
| CS-C03-465 | 1/14/1992 | 1/16/1992 | 465 | 56.7 | 425 | 465 | 127 | 70.30 | 338 | 0.5 | 10.2 |
| CS-C03-550 | 1/14/1992 | 1/16/1992 | 550 | 56.6 | 530 | 550 | 127 | 70.40 | 423 | 0.75 | 12.5 |
| CS-C04-290 | 12/20/1991 | 1/16/1992 | 290 | 49.4 | 260 | 290 | 119 | 69.60 | 171 | 0.5 | 10.1 |
| CS-C04-382 | 12/20/1991 | 1/16/1992 | 382 | 50.2 | 362 | 382 | 120 | 69.80 | 262 | 0.5 | 9.4 |
| CS-C04-520 | 1/12/1992 | 1/16/1992 | 520 | 50.2 | 500 | 520 | 120 | 69.80 | 400 | 0.75 | 10.3 |
| CS-C05-160 | 12/19/1991 | 1/16/1992 | 160 | 34 | 120 | 160 | 104 | 70.00 | 56 | 0.33 | 6.5 |
| CS-C05-290 | 12/19/1991 | 1/16/1992 | 290 | 37 | 260 | 290 | 107 | 70.00 | 183 | 0.33 | 6.5 |
| CS-C06-185 | 1/13/1992 | 1/16/1992 | 185 | 36.8 | 155 | 185 | 107 | 70.20 | 78 | 0.33 | 6.1 |
| CS-C06-278 | 1/13/1992 | 1/16/1992 | 278 | 38.8 | 258 | 278 | 109 | 70.20 | 169 | 0.33 | 6.2 |
| CS-VPB-01 | 3/10/1994 | 3/12/1994 | 96 | 60 | 76.13 | 95.55 | 81 | 21.00 | 15 | 1 | 7.5 |
| CS-VPB-02 | 12/18/1991 | 1/15/1992 | 96 | 67.4 | 76.3 | 96.6 | 95 | 27.60 | 1 | 0.33 | 6.2 |
| CS-VPB-03 | 1/8/1992 | 1/16/1992 | 96 | 60.6 | 76 | 96 | 91 | 30.40 | 5 | 0.33 | 10.8 |
| CS-VPB-04 | 7/18/2006 | 7/19/2006 | 80 | 48.1 | 50 | 80 | 70 | 21.90 | 10 | 0.5 | 7.5 |
| CS-VPB-05 | 1/8/1992 | 1/16/1992 | 61 | 42.0 | 41.41 | 61.37 | 55 | 13.00 | 6 | 0.5 | 7 |
| CS-VPB-06 | 12/19/1991 | 1/16/1992 | 77 | 37.3 | 56.64 | 76.64 | 71 | 33.70 | 6 | 0.33 | 12.7 |
| CS-VPB-07 | 1/8/1992 | 1/23/1992 | 92 | 54.8 | 71.34 | 91.88 | 80 | 25.20 | 12 | 0.5 | 6.5 |
| CS-VPB-08 | 5/10/2003 | 5/10/2003 | 82 | 62.8 | 61.65 | 81.69 | 75 | 12.20 | 7 | 0.5 | 7 |
| CS-VPB-09 | 1/8/1992 | 1/16/1992 | 77 | 54.8 | 56.43 | 76.43 | 71 | 16.20 | 6 | 0.33 | 11.1 |
| CS-VPB-10 | 12/20/1991 | 1/16/1992 | 101 | 62.8 | 81.66 | 92.66 | 96 | 33.20 | 5 | 0.33 | 10.2 |
| CS-VPB-11 | 12/19/1991 | 1/16/1992 | 116 | 81.9 | 95.78 | 116.08 | 109 | 27.10 | 7 | 0.33 | 8.2 |
| NH-C01-325 | 12/13/1991 | 1/14/1992 | 330 | 298.6 | 275 | 325 | 325 | 26.40 | 5 | 1 | 6.4 |
| NH-C01-450 | 1/9/1992 | 1/23/1992 | 453 | 298.7 | 400 | 450 | 369 | 70.30 | 84 | 1.5 | 8.1 |
| NH-C01-660 | 1/9/1992 | 1/23/1992 | 662 | 302.7 | 630 | 660 | 373 | 70.30 | 289 | 1.5 | 7.5 |
| NH-C01-780 | 1/9/1992 | 1/23/1992 | 785 | 304.1 | 740 | 780 | 374 | 69.90 | 411 | 1.5 | 7.5 |

TABLE C-1
Submersible Pump Installation Data
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| Well Name | Pump Installation Date | Pump Test Date | Total Depth of Well (ft bgs) | Depth to Water (DTW) (ft bgs) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Pump Setting (ft bgs) | Distance from DTW to Pump (ft) | Distance from Pump to Bottom (ft) | Grundfos Horse-power (HP) | Test Flow Rate (gpm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NH-C02-220 | 12/15/1991 | 1/14/1992 | 225 | 179.9 | 170 | 220 | 213 | 33.10 | 12 | 0.75 | 8.8 |
| NH-C02-325 | 12/15/1991 | 1/14/1992 | 325 | 182.1 | 275 | 325 | 252 | 69.90 | 73 | 0.75 | 5.4 |
| NH-C02-520 | 1/11/1992 | 1/14/1992 | 520 | 191.2 | 470 | 520 | 261 | 69.80 | 259 | 1 | 8.6 |
| NH-C02-681 | 1/11/1992 | 1/14/1992 | 686 | 191.6 | 641 | 681 | 262 | 70.40 | 424 | 1.5 | 11.6 |
| NH-C03-380 | 1/10/1992 | 1/17/1992 | 380 | 246.8 | 340 | 380 | 317 | 70.20 | 63 | 1 | 5.6 |
| NH-C03-580 | 12/18/1991 | 1/14/1992 | 580 | 235 | 540 | 580 | 305 | 70.00 | 275 | 1.5 | 10.8 |
| NH-C03-680 | 1/10/1992 | 1/17/1992 | 680 | 234.7 | 640 | 680 | 305 | 70.30 | 375 | 1.5 | 10.9 |
| NH-C03-800 | 1/10/1992 | 1/17/1992 | 800 | 249.9 | 760 | 800 | 320 | 70.10 | 480 | 1.5 | 9.8 |
| NH-C04-240 | 12/17/1991 | 1/15/1992 | 240 | 94 | 210 | 240 | 164 | 70.00 | 76 | 0.5 | 7.2 |
| NH-C04-375 | 1/13/1992 | 1/15/1992 | 375 | 114.6 | 325 | 375 | 185 | 70.40 | 190 | 0.75 | 9.9 |
| NH-C04-560 | 1/13/1992 | 1/15/1992 | 565 | 86.2 | 510 | 560 | 156 | 69.80 | 409 | 1 | 12.8 |
| NH-C05-320 | 1/6/1992 | 1/14/1992 | 320 | 308.6 | 270 | 320 | 315 | 6.40 | 5 | 1 | 5.6 |
| NH-C05-460 | 1/6/1992 | 1/14/1992 | 465 | 307.7 | 390 | 460 | 378 | 70.30 | 87 | 1.5 | 7.8 |
| NH-C06-160 | 12/16/1991 | 1/14/1992 | 162 | 120.5 | 110 | 160 | 157 | 36.50 | 5 | 0.5 | 6 |
| NH-C06-285 | 1/23/1992 | 1/24/1992 | 290 | 125.8 | 235 | 285 | 196 | 70.20 | 94 | 0.75 | 9 |
| NH-C06-425 | 1/12/1992 | 1/14/1992 | 430 | 131.3 | 365 | 425 | 201 | 69.70 | 229 | 0.75 | 9.6 |
| NH-VPB-01 | 12/16/1991 | 1/15/1992 | 146 | 103.9 | 125.44 | 145.44 | 136 | 32.10 | 10 | 0.33 | 5.1 |
| NH-VPB-02 | 1/8/1992 | 1/17/1992 | 261 | 231 | 241.6 | 261.6 | 255 | 24.00 | 6 | 0.75 | 6.3 |
| NH-VPB-03 | 1/7/1992 | 1/17/1992 | 220 | 125.4 | 200.05 | 220.35 | 210 | 84.60 | 10 | 0.75 | 8.8 |
| NH-VPB-04 | 1/23/1992 | 1/23/1992 | 181 | 154.7 | 160.47 | 180.77 | 175 | 20.30 | 6 | 0.5 | 6.5 |
| NH-VPB-05 | 12/14/1991 | 1/14/1992 | 205 | 180.5 | 185.16 | 205.46 | 202 | 21.50 | 3 | 0.75 | 10.1 |
| NH-VPB-06 | 3/11/1994 | 3/13/1994 | 307 | 280 | 287.43 | 307.73 | 300 | 20.00 | 7 | 1.5 | 7 |
| NH-VPB-07 | 3/11/1994 | 3/13/1994 | 290 | 278 | 270.58 | 290.88 | 280 | 2.00 | 10 | 1.5 | 7 |
| NH-VPB-08 | 3/12/1994 | 3/14/1994 | 225 | 198 | 205 | 225.55 | 215 | 17.00 | 10 | 1.5 | 7 |
| NH-VPB-09 | 12/14/1991 | 1/15/1992 | 291 | 275.1 | 271.06 | 291.46 | 288 | 12.90 | 3 | 1 | 7 |
| NH-VPB-10 | 1/7/1992 | 1/23/1992 | 326 | 238.3 | 305.42 | 325.72 | 308 | 69.70 | 18 | 1 | 1 |
| NH-VPB-11 | 3/15/1994 | 3/17/1994 | 321 | 295.6 | 301.14 | 321.44 | 319 | 23.40 | 2 | 1.5 | 5 |
| NH-VPB-12 | 1/8/1992 | 1/23/1992 | 160 | 134.6 | 140.02 | 160.32 | 155 | 20.40 | 5 | 0.5 | 4 |
| NH-VPB-13 | 3/13/1994 | 3/15/1994 | 375 | 353 | 356.24 | 375.54 | 374 | 21.00 | 1 | 1.5 | 4.5 |
| NH-VPB-14 | 3/17/1994 | 3/18/1994 | 112 | 95 | 91.71 | 112.01 | 107 | 12.00 | 5 | 0.5 | 7 |
| PO-C01-195 | 1/15/1992 | 1/17/1992 | 195 | 41.8 | 175 | 195 | 112 | 70.20 | 83 | 0.33 | 5.7 |
| PO-C01-354 | 1/15/1992 | 1/17/1992 | 359 | 40.9 | 324 | 354 | 111 | 70.10 | 248 | 0.5 | 11.8 |
| PO-C02-053 | 2/15/1992 | 2/16/1992 | 57 | 43.6 | 22 | 52 | 52 | 8.40 | 5 | 0.33 | 11.9 |

TABLE C-1
Submersible Pump Installation Data
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| Well Name | Pump Installation Date | Pump Test Date | Total Depth of Well (ft bgs) | Depth to Water (DTW) (ft bgs) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Pump Setting (ft bgs) | Distance from DTW to Pump (ft) | Distance from Pump to Bottom (ft) | Grundfos Horse-power (HP) | Test Flow Rate (gpm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PO-C02-205 | 2/15/1992 | 2/16/1992 | 210 | 43.8 | 175 | 205 | 114 | 70.20 | 96 | 0.33 | 5.2 |
| PO-C03-182 | 12/21/1991 | 1/21/1992 | 185 | 43.8 | 162 | 182 | 114 | 70.20 | 71 | 0.33 | 7.9 |
| PO-C03-235 | 1/21/1992 | 1/21/1992 | 240 | 44 | 205 | 235 | 114 | 70.00 | 126 | 0.33 | 5 |
| PO-VPB-01 | 12/20/1991 | 1/21/1992 | 61 | 27.2 | 41.25 | 61.25 | 56 | 28.80 | 5 | 0.33 | 12.1 |
| PO-VPB-02 | 3/17/1994 | 3/18/1994 | 71 | 40 | 50.59 | 70.66 | 65 | 25.00 | 6 | 0.33 | 6.5 |
| PO-VPB-03 | 7/15/1992 | 7/16/1992 | 71 | 36 | 50.75 | 70.82 | 65 | 29.00 | 6 | 0.33 | 7.5 |
| PO-VPB-04 | No Pump | No Pump | 115 | NA | 94.44 | 114.5 | NA | NA | NA | NA | NA |
| PO-VPB-05 | 1/21/1992 | 1/21/1992 | 66 | 32.3 | 45.78 | 65.78 | 61 | 28.70 | 5 | 0.33 | 13.1 |
| PO-VPB-06 | 1/14/1992 | 1/21/1992 | 51 | 23.9 | 31.22 | 51.21 | 46 | 22.10 | 5 | 0.33 | 13.5 |
| PO-VPB-07 | 3/18/1994 | 3/19/1994 | 91 | 22 | 70.79 | 90.88 | 86 | 64.00 | 5 | 0.33 | 7.5 |
| PO-VPB-08 | 12/21/1991 | 1/21/1992 | 46 | 19.8 | 25.88 | 46 | 41 | 21.20 | 5 | 0.33 | 14.3 |
| PO-VPB-09 | No Pump | No Pump | 56 | NA | 35.87 | 55.92 | NA | NA | NA | NA | NA |
| PO-VPB-10 | 1/15/1992 | 1/17/1992 | 91 | 62.9 | 70.7 | 90.81 | 86 | 23.10 | 5 | 0.33 | 4.8 |
| PO-VPB-11 | No Pump | No Pump | 106 | NA | 85.48 | 105.51 | NA | NA | NA | NA | NA |
| VD-VPB-01 | 1/21/1992 | 1/23/1992 | 210 | 202.6 | 189.8 | 209.84 | 208 | 5.40 | 2 | 0.75 | NA |
| VD-VPB-02 | 1/23/1992 | 1/24/1992 | 136 | 124 | 115.96 | 135.72 | 131 | 7.00 | 5 | 0.5 | 9.5 |
| VD-VPB-03 | 1/22/1992 | 1/24/1992 | 46 | 21.1 | 25.48 | 45.58 | 40 | 18.90 | 6 | 0.33 | 13.5 |
| VD-VPB-04 | 1/23/1992 | 1/24/1992 | 116 | 89.1 | 96.09 | 116 | 111 | 21.90 | 5 | 0.33 | 5.5 |
| VD-VPB-05 | 1/22/1992 | 1/24/1992 | 156 | 143.8 | 135.62 | 156.43 | 151 | 7.20 | 5 | 0.5 | NA |
| VD-VPB-06 | 1/22/1992 | 1/23/1992 | 96 | 76.4 | 75.95 | 96 | 91 | 14.60 | 5 | 0.33 | 9 |
| VD-VPB-07 | 1/22/1992 | 1/23/1992 | 216 | 202.5 | 195.88 | 215.92 | 211 | 8.50 | 5 | 0.75 | 8 |

Notes:

Total Depth of well from May 1991 Quarterly Sampling Plan, (J.M.M.) and well construction details
Depth to Water from sampling event concurrent with pump test
bgs = below ground surface
gpm = gallons per minute

# Appendix D
# Cross-Reference Tables and Field QA/QC Forms

# FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **4/25/07** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Daantje Meijer** | **Case #:** | **36234 (SFV)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP Shealy Environmental Services [VOCs]** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

**I. BLANKS**

| **Sample #** | **Type (circle one)** | | | **Date Collected** | |
|---|---|---|---|---|---|
| Y3857 | Equip | Field | Travel | 3/6/07 | |
| Y3863 | Equip | Field | Travel | 3/8/07 | |
| Y3867 | Equip | Field | Travel | 3/9/07 | |
| Y3878 | Equip | Field | Travel | 3/12/07 | |
| Y3883 | Equip | Field | Travel | 3/13/07 | |
| Y3890 | Equip | Field | Travel | 3/14/07 | |
| Y38A0 | Equip | Field | Travel | 3/15/07 | |
| Y38A9 | Equip | Field | Travel | 3/16/07 | |
| Y38B2 | Equip | Field | Travel | 3/22/07 | |
| Y38C1 | Equip | Field | Travel | 3/23/07 | |
| | | | | | |

**I. BLANKS (CONT.)**

| **Sample #** | | | | |
|---|---|---|---|---|
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | | | | |

**II. BACKGROUND SAMPLES**

| **Sample #** | **Date Collected** | |
|---|---|---|
| | | |
| | | |

**III. LAB QC SAMPLES**

| **Sample #** | **Date Collected** | |
|---|---|---|
| Y3869 | 3/9/07 | |
| Y3893 | 3/14/07 | |
| Y38B1 | 3/22/07 | |
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**IV. DUPLICATES**

| **Sample #** | **Matches** | **Sample #** | **Date Collected** | **Type (circle one)** | | | | |
|---|---|---|---|---|---|---|---|---|
| Y3861 | | Y3862 | 3/8/07 | a | b | c | d | a= composite split |
| Y3870 | | Y3871 | 3/9/07 | a | b | c | d | b= consecutive |
| Y3874 | | Y3875 | 3/12/07 | a | b | c | d | c= co-located |
| Y3885 | | Y3886 | 3/13/07 | a | b | c | d | d= soil sleeves |
| Y3895 | | Y3896 | 3/15/07 | a | b | c | d | |
| Y38A6 | | Y38A7 | 3/16/07 | a | b | c | d | |
| Y38B9 | | Y38C0 | 3/23/07 | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |

**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | **Problem** | **Sample #** | **Date (s) of Occurrence** | **Comments** |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| X | **VOC samples for all RI wells (SFV 1-4) sent to Shealy Environmental Services** | | | |

# FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **4/25/07** | **Site:** | **BOU (WA204 Burbank)** |
| **Sampler:** | **Daantje Meijer** | **Case #:** | **36238 (Area 1 BOU)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP Mitchem Corporation [VOCs]** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

**I. BLANKS**

| **Sample #** | **Type (circle one)** | | | **Date Collected** |
|---|---|---|---|---|
| Y38E0 | | Field | | 3/19/07 |
| Y38E2 | | Field | | 3/20/07 |
| Y38E7 | | Field | | 3/21/07 |
| Y38E9 | | Field | | 3/23/07 |
| Y38F4 | | Field | | 3/29/07 |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | | | | |
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**II. BACKGROUND SAMPLES**

| **Sample #** | **Date Collected** |
|---|---|
| | |

**III. LAB QC SAMPLES**

| **Sample #** | **Date Collected** |
|---|---|
| Y38E5 | 3/21/07 |

**IV. DUPLICATES**

| **Sample #** | **Matches** | **Sample #** | **Date Collected** | **Type (circle one)** | | | | |
|---|---|---|---|---|---|---|---|---|
| Y38D6 | | Y38D7 | 3/19/07 | a | b | c | d | A= composite split |
| Y38F1 | | Y38F2 | 3/29/07 | a | b | c | d | B= consecutive |
| | | | | a | b | c | d | C= co-located |
| | | | | a | b | c | d | D= soil sleeves |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |

**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | **Problem** | **Sample #** | **Date (s) of Occurrence** | **Comments** |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | | | | |
| X | **19 VOC samples from 11 facility monitoring wells sent to Mitchem.** | | | |

# FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **4/25/07** | **Site:** | **BOU (WA204 Burbank)** |
| **Sampler:** | **Daantje Meijer** | **Case #:** | **36234 (SFVB)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **ACOE Test America [Cr6, NDMA & 123 TCP]** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y38E0 | | Field | | 3/19/07 |
| Y38E2 | | Field | | 3/20/07 |
| Y38E7 | | Field | | 3/21/07 |
| Y38E9 | | Field | | 3/23/07 |
| Y38F4 | | Field | | 3/29/07 |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | | | | |
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**II. BACKGROUND SAMPLES**

| Sample # | Date Collected |
|---|---|
| | |

**III. LAB QC SAMPLES**

| Sample # | Date Collected |
|---|---|
| Y38E5 | 3/21/07 |

**IV. DUPLICATES**

| Sample # | Matches | Sample # | Date Collected | Type (circle one) | | | | |
|---|---|---|---|---|---|---|---|---|
| Y38D6 | | Y38D7 | 3/19/07 | a | b | c | d | A= composite split |
| Y38F1 | | Y38F2 | 3/29/07 | a | b | c | d | b= consecutive |
| | | | | a | b | c | d | c= co-located |
| | | | | a | b | c | d | d= soil sleeves |
| | | | | | | | | |
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**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | Problem | Sample # | Date (s) of Occurrence | Comments |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| X | Y38F0 collected for NDMA only; to replace Y38E3 (NDMA sample) broken by FedEx. | | | |
| X | **19 NDMA, 1,2,3-TCP & Cr6 samples from 11 facility monitoring wells sent to Test America through ACOE IAG.** | | | |

# FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **4/25/07** | **Site:** | **BOU (WA204 Burbank)** |
| **Sampler:** | **Daantje Meijer** | **Case #:** | **36238 (Area 1 BOU)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP Liberty Analytical Corporation [ICP-AES & ICP-MS]** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y38E0 | | Field | | 3/19/07 |
| Y38E2 | | Field | | 3/20/07 |
| Y38E7 | | Field | | 3/21/07 |
| Y38E9 | | Field | | 3/23/07 |
| Y38F4 | | Field | | 3/29/07 |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | | | | |
| | | | | |
| | | | | / |
| | | | | |

**II. BACKGROUND SAMPLES**

| Sample # | Date Collected |
|---|---|
| | |

**III. LAB QC SAMPLES**

| Sample # | Date Collected |
|---|---|
| Y38E5 | 3/21/07 |

**IV. DUPLICATES**

| Sample # | Matches | Sample # | Date Collected | Type (circle one) | | | | |
|---|---|---|---|---|---|---|---|---|
| Y38D6 | | Y38D7 | 3/19/07 | a | b | c | d | A= composite split |
| Y38F1 | | Y38F2 | 3/29/07 | a | b | c | d | b= consecutive |
| | | | | a | b | c | d | c= co-located |
| | | | | a | b | c | d | d= soil sleeves |

**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | Problem | Sample # | Date (s) of Occurrence | Comments |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| X | **19 Dissolved Metals samples from 11 facility monitoring wells sent to Liberty Analytical.** | | | |

**Table 1A Sample Tracking Cross Reference List**
**SFV RI Wells and BOU Wells (WA 246 & WA 204)**
**1st Quarter 2007 Sampling Event**
**(matrix = water)**

| | | | | SFV1-4/NHOU | | | | | BOU | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laboratory | | | | Shealy Environ. | Test America | EPA R9 | EPA R9 | Test America | Mitchem | Test America | Test America | EPA R9 | Liberty Analytical | Test America | EPA R9 |
| Laboratory Case Number | | | | 36234 | 36234 | R07S53 | R07S53 | 36234 | 36238 | 36234 | 36234 | R07S54 | 36238 | 36234 | R07S54 |
| Specific Analysis Requested: | | | | VOCs | 1,2,3-TCP | Inorganics (no3, no2, so4, cl, f) | Hex Chrm | Hex Chrm | VOCs | 1,2,3-TCP | NDMA | 1,4-Dioxane | Diss.Metals | Hex Chrm | Inorganics (no3, no2, so4, cl, f), Alkalinity, TDS, Perchlorate |
| LocID | StationID | LogDate | LogTime | | | | | | | | | | | | |
| NH-C04-375 | 1 | 3/6/2007 | 12:50 PM | Y3855 | | MY3855 | MY3855 | | | | | | | | |
| NH-C04-240 | 2 | 3/6/2007 | 12:45 PM | Y3856 | | MY3856 | MY3856 | | | | | | | | |
| NH-C04-240 | 3 | 3/6/2007 | 1:00 PM | Y3857 | | MY3857 | MY3857 | | | | | | | | |
| NH-VPB-04 | 4 | 3/8/2007 | 8:40 AM | Y3858 | | MY3858 | MY3858 | | | | | | | | |
| NH-C06-160 | 5 | 3/8/2007 | 10:30 AM | Y3859 | | MY3859 | MY3859 | | | | | | | | |
| NH-VPB-07 | 6 | 3/8/2007 | 11:11 AM | Y3860 | | MY3860 | MY3860 | | | | | | | | |
| NH-VPB-06 | 7 | 3/8/2007 | 12:10 PM | Y3861 | | MY3861 | MY3861 | | | | | | | | |
| NH-VPB-06 | 8 | 3/8/2007 | 1:00 PM | Y3862 | | MY3862 | MY3862 | | | | | | | | |
| NH-VPB-06 | 9 | 3/8/2007 | 1:30 PM | Y3863 | | MY3863 | MY3863 | | | | | | | | |
| VD-VPB-02 | 10 | 3/9/2007 | 7:30 AM | Y3864 | | MY3864 | MY3864 | | | | | | | | |
| VD-VPB-05 | 11 | 3/9/2007 | 8:50 AM | Y3865 | | MY3865 | MY3865 | | | | | | | | |
| VD-VPB-01 | 12 | 3/9/2007 | 9:35 AM | Y3866 | | MY3866 | MY3866 | | | | | | | | |
| VD-VPB-01 | 13 | 3/9/2007 | 9:45 AM | Y3867 | | MY3867 | MY3867 | | | | | | | | |
| VD-VPB-06 | 14 | 3/9/2007 | 10:15 AM | Y3868 | | MY3868 | MY3868 | | | | | | | | |
| VD-VPB-07 | 15 | 3/9/2007 | 10:53 AM | Y3869 | | MY3869 | MY3869 | | | | | | | | |
| VD-VPB-03 | 16 | 3/9/2007 | 11:35 AM | Y3870 | | MY3870 | MY3870 | | | | | | | | |
| VD-VPB-03 | 17 | 3/9/2007 | 12:15 PM | Y3871 | | MY3871 | MY3871 | | | | | | | | |
| NH-C02-220 | 18 | 3/12/2007 | 9:45 AM | Y3872 | Y3872 | MY3872 | MY3872 | Y3872 | | | | | | | |
| NH-C02-520 | 19 | 3/12/2007 | 9:50 AM | Y3873 | Y3873 | MY3873 | MY3873 | Y3873 | | | | | | | |
| NH-C02-325 | 20 | 3/12/2007 | 10:40 AM | Y3874 | Y3874 | MY3874 | MY3874 | Y3874 | | | | | | | |
| NH-C02-325 | 21 | 3/12/2007 | 11:15 AM | Y3875 | Y3875 | MY3875 | MY3875 | Y3875 | | | | | | | |
| NH-VPB-05 | 22 | 3/12/2007 | 11:20 AM | Y3876 | Y3876 | MY3876 | MY3876 | Y3876 | | | | | | | |
| NH-VPB-02 | 23 | 3/12/2007 | 1:00 PM | Y3877 | Y3877 | MY3877 | MY3877 | Y3877 | | | | | | | |
| NH-VPB-02 | 24 | 3/12/2007 | 1:10 PM | Y3878 | Y3878 | MY3878 | MY3878 | Y3878 | | | | | | | |
| NH-VPB-08 | 25 | 3/12/2007 | 3:05 PM | Y3879 | | MY3879 | MY3879 | | | | | | | | |
| CS-VPB-03 | 26 | 3/13/2007 | 8:05 AM | Y3880 | | MY3880 | MY3880 | | | | | | | | |
| CS-C03-100 | 27 | 3/13/2007 | 9:20 AM | Y3881 | | MY3881 | MY3881 | | | | | | | | |
| CS-VPB-08 | 28 | 3/13/2007 | 9:57 AM | Y3882 | | MY3882 | MY3882 | | | | | | | | |
| CS-VPB-08 | 29 | 3/13/2007 | 10:10 AM | Y3883 | | MY3883 | MY3883 | | | | | | | | |
| NH-C06-285 | 30 | 3/13/2007 | 11:30 AM | Y3884 | | MY3884 | MY3884 | | | | | | | | |
| CS-C01-105 | 31 | 3/13/2007 | 1:20 PM | Y3885 | | MY3885 | MY3885 | | | | | | | | |
| CS-C01-105 | 32 | 3/13/2007 | 1:40 PM | Y3886 | | MY3886 | MY3886 | | | | | | | | |
| CS-C01-285 | 33 | 3/13/2007 | 1:55 PM | Y3887 | | MY3887 | MY3887 | | | | | | | | |
| NH-C01-325 | 34 | 3/14/2007 | 9:00 AM | Y3888 | Y3888 | MY3888 | MY3888 | Y3888 | | | | | | | |
| NH-C05-460 | 35 | 3/14/2007 | 10:30 AM | Y3889 | | MY3889 | MY3889 | | | | | | | | |
| NH-C05-460 | 36 | 3/14/2007 | 10:40 AM | Y3890 | | MY3890 | MY3890 | | | | | | | | |
| CS-C02-250 | 37 | 3/14/2007 | 12:45 PM | Y3891 | | MY3891 | MY3891 | | | | | | | | |
| CS-C02-335 | 38 | 3/14/2007 | 12:55 PM | Y3892 | | MY3892 | MY3892 | | | | | | | | |
| CS-C02-062 | 39 | 3/14/2007 | 1:25 PM | Y3893 | | MY3893 | MY3893 | | | | | | | | |
| CS-C02-180 | 40 | 3/14/2007 | 1:45 PM | Y3894 | | MY3894 | MY3894 | | | | | | | | |
| CS-VPB-01 | 41 | 3/15/2007 | 8:25 AM | Y3895 | | MY3895 | MY3895 | | | | | | | | |
| CS-VPB-01 | 42 | 3/15/2007 | 8:45 AM | Y3896 | | MY3896 | MY3896 | | | | | | | | |
| PO-VPB-10 | 43 | 3/15/2007 | 10:15 AM | Y3897 | | MY3897 | MY3897 | | | | | | | | |
| PO-VPB-03 | 44 | 3/15/2007 | 11:05 AM | Y3898 | | MY3898 | MY3898 | | | | | | | | |
| CS-VPB-07 | 45 | 3/15/2007 | 1:13 PM | Y3899 | | MY3899 | MY3899 | | | | | | | | |
| CS-VPB-07 | 46 | 3/15/2007 | 1:30 PM | Y38A0 | | MY38A0 | MY38A0 | | | | | | | | |
| PO-VPB-02 | 47 | 3/16/2007 | 9:25 AM | Y38A1 | | MY38A1 | MY38A1 | | | | | | | | |

**Table 1A Sample Tracking Cross Reference List**
**SFV RI Wells and BOU Wells (WA 246 & WA 204)**
**1st Quarter 2007 Sampling Event**
**(matrix = water)**

| | | | | SFV1-4/NHOU | | | | | BOU | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laboratory | | | | Shealy Environ. | Test America | EPA R9 | EPA R9 | Test America | Mitchem | Test America | Test America | EPA R9 | Liberty Analytical | Test America | EPA R9 |
| Laboratory Case Number | | | | 36234 | 36234 | R07S53 | R07S53 | 36234 | 36238 | 36234 | 36234 | R07S54 | 36238 | 36234 | R07S54 |
| Specific Analysis Requested: | | | | VOCs | 1,2,3-TCP | Inorganics (no3, no2, so4, cl, f) | Hex Chrm | Hex Chrm | VOCs | 1,2,3-TCP | NDMA | 1,4-Dioxane | Diss.Metals | Hex Chrm | Inorganics (no3, no2, so4, cl, f), Alkalinity, TDS, Perchlorate |
| LocID | StationID | LogDate | LogTime | | | | | | | | | | | | |
| PO-C01-195 | 48 | 3/16/2007 | 9:35 AM | Y38A2 | | MY38A2 | MY38A2 | | | | | | | | |
| PO-VPB-07 | 49 | 3/16/2007 | 10:20 AM | Y38A3 | | MY38A3 | MY38A3 | | | | | | | | |
| CS-VPB-09 | 50 | 3/16/2007 | 11:20 AM | Y38A4 | | MY38A4 | MY38A4 | | | | | | | | |
| PO-VPB-08 | 51 | 3/16/2007 | 12:30 PM | Y38A5 | | MY38A5 | MY38A5 | | | | | | | | |
| CS-C05-160 | 52 | 3/16/2007 | 2:10 PM | Y38A6 | | MY38A6 | MY38A6 | | | | | | | | |
| CS-C05-160 | 53 | 3/16/2007 | 2:20 PM | Y38A7 | | MY38A7 | MY38A7 | | | | | | | | |
| CS-VPB-05 | 54 | 3/16/2007 | 2:30 PM | Y38A8 | | MY38A8 | MY38A8 | | | | | | | | |
| CS-VPB-05 | 55 | 3/16/2007 | 2:40 PM | Y38A9 | | MY38A9 | MY38A9 | | | | | | | | |
| CS-C05-290 | 56 | 3/16/2007 | 3:00 PM | Y38B0 | | MY38B0 | MY38B0 | | | | | | | | |
| CS-VPB-06 | 57 | 3/22/2007 | 10:05 AM | Y38B1 | | MY38B1 | MY38B1 | | | | | | | | |
| CS-VPB-06 | 58 | 3/22/2007 | 10:15 AM | Y38B2 | | MY38B2 | MY38B2 | | | | | | | | |
| CS-C06-185 | 59 | 3/22/2007 | 10:25 AM | Y38B3 | | MY38B3 | MY38B3 | | | | | | | | |
| CS-VPB-10 | 60 | 3/22/2007 | 11:30 AM | Y38B4 | | MY38B4 | MY38B4 | | | | | | | | |
| CS-VPB-11 | 61 | 3/22/2007 | 12:20 PM | Y38B5 | | MY38B5 | MY38B5 | | | | | | | | |
| CS-C04-290 | 62 | 3/22/2007 | 2:50 PM | Y38B6 | | MY38B6 | MY38B6 | | | | | | | | |
| CS-C04-382 | 63 | 3/22/2007 | 2:55 PM | Y38B7 | | MY38B7 | MY38B7 | | | | | | | | |
| CS-VPB-04 | 64 | 3/22/2007 | 3:25 PM | Y38B8 | | MY38B8 | MY38B8 | | | | | | | | |
| NH-VPB-01 | 65 | 3/23/2007 | 8:55 AM | Y38B9 | | MY38B9 | MY38B9 | | | | | | | | |
| NH-VPB-01 | 66 | 3/23/2007 | 9:15 AM | Y38C0 | | MY38C0 | MY38C0 | | | | | | | | |
| NH-VPB-01 | 67 | 3/23/2007 | 9:30 AM | Y38C1 | | MY38C1 | MY38C1 | | | | | | | | |
| 3872P | 68 | 3/19/2007 | 11:15 AM | Y38D6 | | MY38D6 | MY38D6 | | Y38D6 | Y38D6 | Y38D6 | MY38D6 | MY38D6 | Y38D6 | MY38D6 |
| 3872P | 69 | 3/19/2007 | 11:30 AM | Y38D7 | | MY38D7 | MY38D7 | | Y38D7 | Y38D7 | Y38D7 | MY38D7 | MY38D7 | Y38D7 | MY38D7 |
| 3872S | 70 | 3/19/2007 | 2:00 PM | Y38D8 | | MY38D8 | MY38D8 | | Y38D8 | Y38D8 | Y38D8 | MY38D8 | MY38D8 | Y38D8 | MY38D8 |
| 3872R | 71 | 3/19/2007 | 3:00 PM | Y38D9 | | MY38D9 | MY38D9 | | Y38D9 | Y38D9 | Y38D9 | MY38D9 | MY38D9 | Y38D9 | MY38D9 |
| 3872R | 72 | 3/19/2007 | 3:30 PM | Y38E0 | | MY38E0 | MY38E0 | | Y38E0 | Y38E0 | Y38E0 | MY38E0 | MY38E0 | Y38E0 | MY38E0 |
| 3831Q | 73 | 3/20/2007 | 11:15 AM | Y38E1 | | MY38E1 | MY38E1 | | Y38E1 | Y38E1 | Y38E1 | MY38E1 | MY38E1 | Y38E1 | MY38E1 |
| 3831Q | 74 | 3/20/2007 | 11:30 AM | Y38E2 | | MY38E2 | MY38E2 | | Y38E2 | Y38E2 | Y38E2 | MY38E2 | MY38E2 | Y38E2 | MY38E2 |
| 3852K | 75 | 3/20/2007 | 1:05 PM | Y38E3 | | MY38E3 | MY38E3 | | Y38E3 | Y38E3 | Y38E3 | MY38E3 | MY38E3 | Y38E3 | MY38E3 |
| 3852M | 76 | 3/20/2007 | 12:00 AM | Y38E4 | | MY38E4 | MY38E4 | | Y38E4 | Y38E4 | Y38E4 | MY38E4 | MY38E4 | Y38E4 | MY38E4 |
| 3860H | 77 | 3/21/2007 | 9:00 AM | Y38E5 | | MY38E5 | MY38E5 | | Y38E5 | Y38E5 | Y38E5 | MY38E5 | MY38E5 | Y38E5 | MY38E5 |
| LB6-CW10 | 78 | 3/21/2007 | 12:35 PM | Y38E6 | | MY38E6 | MY38E6 | | Y38E6 | Y38E6 | Y38E6 | MY38E6 | MY38E6 | Y38E6 | MY38E6 |
| LB6-CW10 | 79 | 3/21/2007 | 12:45 PM | Y38E7 | | MY38E7 | MY38E7 | | Y38E7 | Y38E7 | Y38E7 | MY38E7 | MY38E7 | Y38E7 | MY38E7 |
| LA1-CW03R | 80 | 3/23/2007 | 12:00 PM | Y38E8 | | MY38E8 | MY38E8 | | Y38E8 | Y38E8 | Y38E8 | MY38E8 | MY38E8 | Y38E8 | MY38E8 |
| LA1-CW03R | 81 | 3/23/2007 | 12:30 PM | Y38E9 | | MY38E9 | MY38E9 | | Y38E9 | Y38E9 | Y38E9 | MY38E9 | MY38E9 | Y38E9 | MY38E9 |
| 3852K | 82 | 3/23/2007 | 1:20 PM | Y38F0 | | MY38F0 | MY38F0 | | Y38F0 | Y38F0 | Y38F0 | MY38F0 | MY38F0 | Y38F0 | MY38F0 |
| 3850U | 83 | 3/29/2007 | 9:05 AM | Y38F1 | | MY38F1 | MY38F1 | | Y38F1 | Y38F1 | Y38F1 | MY38F1 | MY38F1 | Y38F1 | MY38F1 |
| 3850U | 84 | 3/29/2007 | 9:30 AM | Y38F2 | | MY38F2 | MY38F2 | | Y38F2 | Y38F2 | Y38F2 | MY38F2 | MY38F2 | Y38F2 | MY38F2 |
| 3850T | 85 | 3/29/2007 | 11:10 AM | Y38F3 | | MY38F3 | MY38F3 | | Y38F3 | Y38F3 | Y38F3 | MY38F3 | MY38F3 | Y38F3 | MY38F3 |
| 3850T | 86 | 3/29/2007 | 11:30 AM | Y38F4 | | MY38F4 | MY38F4 | | Y38F4 | Y38F4 | Y38F4 | MY38F4 | MY38F4 | Y38F4 | MY38F4 |

# FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **7/26/07** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Daantje Meijer** | **Case #:** | **36490 (SFV)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP A4 Scientific [VOCs]** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y3BW6 | Equip | Field | Travel | 6/12/07 |
| Y3BX0 | Equip | Field | Travel | 6/13/07 |
| Y3BY0 | Equip | Field | Travel | 6/14/07 |
| Y3BY9 | Equip | Field | Travel | 6/15/07 |
| Y3BZ5 | Equip | Field | Travel | 6/18/07 |
| Y3C01 | Equip | Field | Travel | 6/19/07 |
| Y3C14 | Equip | Field | Travel | 6/20/07 |
| Y3C19 | Equip | Field | Travel | 6/21/07 |
| Y3C27 | Equip | Field | Travel | 6/22/07 |
| | | | | |
| | | | | |

**I. BLANKS (CONT.)**

| Sample # | | | | |
|---|---|---|---|---|
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | | | | |

**II. BACKGROUND SAMPLES**

| Sample # | Date Collected | |
|---|---|---|
| | | |
| | | |

**III. LAB QC SAMPLES**

| Sample # | Date Collected | |
|---|---|---|
| Y3BY4 | 6/15/07 | |
| Y3C06 | 6/20/07 | |
| Y3C28 | 6/22/07 | |
| | | |
| | | |
| | | |

**IV. DUPLICATES**

| Sample # | Matches | Sample # | Date Collected | Type (circle one) | | | | |
|---|---|---|---|---|---|---|---|---|
| Y3BX4 | | Y3BX5 | 6/14/07 | a | b | c | d | a= composite split |
| Y3BY5 | | Y3BY6 | 6/15/07 | a | b | c | d | b= consecutive |
| Y3BZ6 | | Y3BZ7 | 6/19/07 | a | b | c | d | c= co-located |
| Y3C07 | | Y3C08 | 6/20/07 | a | b | c | d | d= soil sleeves |
| Y3C20 | | Y3C21 | 6/21/07 | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |

**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | Problem | Sample # | Date (s) of Occurrence | Comments |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| X | **VOC samples for all RI wells (SFV 1-4) sent to A4 Scientific** | | | |

FIELD QA/QC SUMMARY FORM

**Instructions: Complete one form per laboratory and per matrix for each sampling event.**

| | | | |
|---|---|---|---|
| **Date:** | **7/26/07** | **Site:** | **SFV (WA246 San Fernando Valley)** |
| **Sampler:** | **Daantje Meijer** | **Case #:** | **36490 (SFVB)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **ACOE Test America [123 TCP]** |
| | | | **Note – samples collected at selected wells only** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | **Groundwater** | | **Surface Soil** | | **Air** | | |
| | **Surface Water** | | **Subsurface Soil** | | **Other** | | |

| **I. BLANKS** | | | | | | **II. BACKGROUND SAMPLES** | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Type (circle one)** | | | **Date Collected** | | **Sample #** | **Date Collected** | | |
| **Y3BZ5** | | **Field** | | **6/18/07** | | | | | |
| **Y3C27** | | **Field** | | **6/22/07** | | | | | |
| | | **Field** | | | | | | | |
| | | **Field** | | | | | | | |
| | | **Field** | | | | **III. LAB QC SAMPLES** | | | |
| | **Equip** | **Field** | **Travel** | | | **Sample #** | **Date Collected** | | |
| | **Equip** | **Field** | **Travel** | | | | | | |
| | **Equip** | **Field** | **Travel** | | | | | | |
| | **Equip** | **Field** | **Travel** | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| **IV. DUPLICATES** | | | | **Type (circle one)** | | | | |
|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Matches** | **Sample #** | **Date Collected** | | | | | |
| | | | | **a** | **b** | **c** | **d** | **A= composite split** |
| | | | | **a** | **b** | **c** | **d** | **b= consecutive** |
| | | | | **a** | **b** | **c** | **d** | **c= co-located** |
| | | | | **a** | **b** | **c** | **d** | **d= soil sleeves** |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| **V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED** | | | | |
|---|---|---|---|---|
| **Problem** | | **Sample #** | **Date (s) of Occurrence** | **Comments** |
| | **None** | | | |
| | **Pumping Equipment Problems** | | | |
| | **Sample Filtering Problems** | | | |
| | **Less Than Required Sample Volume** | | | |
| | **Low Flow/Recharge Rates** | | | |
| | **Preservation Problems** | | | |
| | **Samples Not Shipped in 24 hrs.** | | | |
| **X** | **10 1,2,3-TCP samples from 8 facility monitoring wells sent to Test America through ACOE IAG.** | | | |

**SFV_QCSummary_June07_IAG TestAmerica_123tcp.doc**

**Table 1-A Sample Tracking Cross Reference List**
**SFV RI Wells (WA 246)**
**2nd Quarter 2007 Sampling Event**
**(matrix = water)**

| | | | | Laboratory | A4 Scientific | Test America | EPA R9 | EPA R9 |
|---|---|---|---|---|---|---|---|---|
| | | | | Laboratory Case Number | 36490 | 36490 | R07S72 | R07S72 |
| | | | | Analyses Requested | VOCs | 1,2,3-TCP | Nitrate-nitrite | Hex Chrm |
| **Well ID** | **Station #** | **Date** | **Time** | **Sample Type** | | | | |
| NH-VPB-04 | 1 | 6/12/2007 | 1046 | | Y3BW5 | | Y3BW5 | Y3BW5 |
| NH-VPB-04 | 2 | 6/12/2007 | 1500 | Blank | Y3BW6 | | Y3BW6 | Y3BW6 |
| VD-VPB-02 | 3 | 6/13/2007 | 837 | | Y3BW7 | | Y3BW7 | Y3BW7 |
| VD-VPB-05 | 4 | 6/13/2007 | 1045 | | Y3BW8 | | Y3BW8 | Y3BW8 |
| VD-VPB-01 | 5 | 6/13/2007 | 1140 | | Y3BW9 | | Y3BW9 | Y3BW9 |
| VD-VPB-01 | 6 | 6/13/2007 | 1150 | Blank | Y3BX0 | | Y3BX0 | Y3BX0 |
| VD-VPB-06 | 7 | 6/13/2007 | 1253 | | Y3BX1 | | Y3BX1 | Y3BX1 |
| VD-VPB-07 | 8 | 6/13/2007 | 1348 | | Y3BX2 | | Y3BX2 | Y3BX2 |
| VD-VPB-03 | 9 | 6/13/2007 | 1550 | | Y3BX3 | | Y3BX3 | Y3BX3 |
| PO-VPB-10 | 10 | 14-Jun | 905 | | Y3BX4 | | Y3BX4 | Y3BX4 |
| PO-VPB-10 | 11 | 6/14/2007 | 930 | Dup | Y3BX5 | | Y3BX5 | Y3BX5 |
| CS-VPB-10 | 12 | 6/14/2007 | 1000 | | Y3BX6 | | Y3BX6 | Y3BX6 |
| CS-VPB-09 | 13 | 6/14/2007 | 1047 | | Y3BX7 | | Y3BX7 | Y3BX7 |
| CS-C05-160 | 14 | 6/14/2007 | 1215 | | Y3BX8 | | Y3BX8 | Y3BX8 |
| CS-VPB-05 | 15 | 6/14/2007 | 1230 | | Y3BX9 | | Y3BX9 | Y3BX9 |
| CS-VPB-05 | 16 | 6/14/2007 | 1240 | Blank | Y3BY0 | | Y3BY0 | Y3BY0 |
| CS-C05-290 | 17 | 6/14/2007 | 1255 | | Y3BY1 | | Y3BY1 | Y3BY1 |
| NH-VPB-07 | 18 | 6/14/2007 | 1412 | | Y3BY2 | | Y3BY2 | Y3BY2 |
| PO-VPB-02 | 19 | 6/15/2007 | 837 | | Y3BY3 | | Y3BY3 | Y3BY3 |
| PO-C01-195 | 20 | 6/15/2007 | 905 | QC | Y3BY4 | | Y3BY4 | Y3BY4 |
| CS-VPB-11 | 21 | 6/15/2007 | 1025 | | Y3BY5 | | Y3BY5 | Y3BY5 |
| CS-VPB-11 | 22 | 6/15/2007 | 1040 | Dup | Y3BY6 | | Y3BY6 | Y3BY6 |
| PO-VPB-07 | 23 | 6/15/2007 | 1123 | | Y3BY7 | | Y3BY7 | Y3BY7 |
| CS-VPB-08 | 24 | 6/15/2007 | 1210 | | Y3BY8 | | Y3BY8 | Y3BY8 |
| CS-VPB-08 | 25 | 6/15/2007 | 1230 | Blank | Y3BY9 | | Y3BY9 | Y3BY9 |
| NH-C02-325 | 26 | 6/18/2007 | 848 | | Y3BZ0 | Y3BZ0 | Y3BZ0 | Y3BZ0 |
| NH-C02-220 | 27 | 6/18/2007 | 910 | | Y3BZ1 | Y3BZ1 | Y3BZ1 | Y3BZ1 |
| NH-C02-520 | 28 | 6/18/2007 | 920 | | Y3BZ2 | Y3BZ2 | Y3BZ2 | Y3BZ2 |
| NH-VPB-05 | 29 | 6/18/2007 | 1008 | | Y3BZ3 | Y3BZ3 | Y3BZ3 | Y3BZ3 |
| NH-VPB-08 | 30 | 6/18/2007 | 1118 | | Y3BZ4 | Y3BZ4 | Y3BZ4 | Y3BZ4 |
| NH-VPB-08 | 31 | 6/18/2007 | 1230 | Blank | Y3BZ5 | Y3BZ5 | Y3BZ5 | Y3BZ5 |
| CS-VPB-03 | 32 | 6/19/2007 | 812 | | Y3BZ6 | | Y3BZ6 | Y3BZ6 |
| CS-VPB-03 | 33 | 6/19/2007 | 830 | Dup | Y3BZ7 | | Y3BZ7 | Y3BZ7 |
| CS-C03-100 | 34 | 6/19/2007 | 911 | | Y3BZ8 | | Y3BZ8 | Y3BZ8 |
| NH-C06-160 | 35 | 6/19/2007 | 1050 | | Y3BZ9 | | Y3BZ9 | Y3BZ9 |
| NH-C06-285 | 36 | 6/19/2007 | 1057 | | Y3C00 | | Y3C00 | Y3C00 |

**Table 1-A Sample Tracking Cross Reference List**
**SFV RI Wells (WA 246)**
**2nd Quarter 2007 Sampling Event**
**(matrix = water)**

| | | | | Laboratory | A4 Scientific | Test America | EPA R9 | EPA R9 |
|---|---|---|---|---|---|---|---|---|
| | | | | Laboratory Case Number | 36490 | 36490 | R07S72 | R07S72 |
| | | | | Analyses Requested | VOCs | 1,2,3-TCP | Nitrate-nitrite | Hex Chrm |
| **Well ID** | **Station #** | **Date** | **Time** | **Sample Type** | | | | |
| NH-C06-285 | 37 | 6/19/2007 | 1110 | Blank | Y3C01 | | Y3C01 | Y3C01 |
| CS-C02-250 | 38 | 6/19/2007 | 1255 | | Y3C02 | | Y3C02 | Y3C02 |
| CS-C02-335 | 39 | 6/19/2007 | 1300 | | Y3C03 | | Y3C03 | Y3C03 |
| CS-C02-062 | 40 | 6/19/2007 | 1315 | | Y3C04 | | Y3C04 | Y3C04 |
| CS-C02-180 | 41 | 6/19/2007 | 1350 | | Y3C05 | | Y3C05 | Y3C05 |
| NH-VPB-06 | 42 | 6/20/2007 | 903 | QC | Y3C06 | | Y3C06 | Y3C06 |
| NH-C05-460 | 43 | 6/20/2007 | 1015 | | Y3C07 | | Y3C07 | Y3C07 |
| NH-C05-460 | 44 | 6/20/2007 | 1030 | Dup | Y3C08 | | Y3C08 | Y3C08 |
| NH-C01-325 | 45 | 6/20/2007 | 1118 | | Y3C09 | | Y3C09 | Y3C09 |
| CS-C04-290 | 46 | 6/20/2007 | 1315 | | Y3C10 | | Y3C10 | Y3C10 |
| CS-C04-382 | 47 | 6/20/2007 | 1325 | | Y3C11 | | Y3C11 | Y3C11 |
| CS-VPB-04 | 48 | 6/20/2007 | 1355 | | Y3C12 | | Y3C12 | Y3C12 |
| CS-VPB-07 | 49 | 6/20/2007 | 1430 | | Y3C13 | | Y3C13 | Y3C13 |
| CS-VPB-07 | 50 | 6/20/2007 | 1450 | Blank | Y3C14 | | Y3C14 | Y3C14 |
| NH-VPB-02 | 51 | 6/21/2007 | 828 | | Y3C15 | | Y3C15 | Y3C15 |
| PO-VPB-03 | 52 | 6/21/2007 | 1002 | | Y3C16 | | Y3C16 | Y3C16 |
| CS-VPB-06 | 53 | 6/21/2007 | 1114 | | Y3C17 | | Y3C17 | Y3C17 |
| CS-C06-185 | 54 | 6/21/2007 | 1140 | | Y3C18 | | Y3C18 | Y3C18 |
| CS-C06-185 | 55 | 6/21/2007 | 1150 | Blank | Y3C19 | | Y3C19 | Y3C19 |
| NH-C04-240 | 56 | 6/21/2007 | 1310 | | Y3C20 | | Y3C20 | Y3C20 |
| NH-C04-240 | 57 | 6/21/2007 | 1320 | Dup | Y3C21 | | Y3C21 | Y3C21 |
| NH-C04-375 | 58 | 6/21/2007 | 1332 | | Y3C22 | | Y3C22 | Y3C22 |
| CS-VPB-01 | 59 | 6/22/2007 | 715 | | Y3C23 | | Y3C23 | Y3C23 |
| CS-C01-105 | 60 | 6/22/2007 | 900 | | Y3C24 | Y3C24 | Y3C24 | Y3C24 |
| CS-C01-285 | 61 | 6/22/2007 | 920 | | Y3C25 | Y3C25 | Y3C25 | Y3C25 |
| NH-VPB-01 | 62 | 6/22/2007 | 1025 | | Y3C26 | Y3C26 | Y3C26 | Y3C26 |
| NH-VPB-01 | 63 | 6/22/2007 | 1100 | Blank | Y3C27 | Y3C27 | Y3C27 | Y3C27 |
| PO-VPB-08 | 64 | 6/22/2007 | 1241 | QC | Y3C28 | Y3C28 | Y3C28 | Y3C28 |

**FIELD QA/QC SUMMARY FORM**

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **10/19/07** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Mike Palm** | **Case #:** | **36776 (sfv)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **ACOE Test America [123 TCP]** |
| | | | **Note: Samples collected at selected wells only.** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **X** | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

| **I. BLANKS** | | | | | | **II. BACKGROUND SAMPLES** | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Type (circle one)** | | | **Date Collected** | | **Sample #** | **Date Collected** | | |
| Y3KD6 | Equip | Field | Travel | 9/27/06 | | | | | |
| Y3KF2 | Equip | Field | Travel | 9/20/07 | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | **III. LAB QC SAMPLES** | | | |
| | Equip | Field | Travel | | | **Sample #** | **Date Collected** | | |
| | Equip | Field | Travel | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| **IV. DUPLICATES** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Matches** | **Sample #** | **Date Collected** | **Type (circle one)** | | | | | | |
| Y3KD0 | | Y3KD1 | 9/17/07 | a | b | c | d | a= composite split | | |
| | | | | a | b | c | d | b= consecutive | | |
| | | | | a | b | c | d | c= co-located | | |
| | | | | a | b | c | d | d= soil sleeves | | |
| | | | | a | b | c | d | | | |
| | | | | a | b | c | d | | | |
| | | | | a | b | c | d | | | |
| | | | | a | b | c | d | | | |

| **V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED** | | | | |
|---|---|---|---|---|
| **Problem** | | **Sample #** | **Date (s) of Occurrence** | **Comments** |
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| **X** | **11 1,2,3-TCP samples from 8 RI monitoring wells sent to Test America through ACOE IAG.** | | | |

**FIELD QA/QC SUMMARY FORM**

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **10/19/07** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Mike Palm** | **Case #:** | **36776 (sfv)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP Mitchem Corporation [VOCs]** |

| **Matrix:(Check one)** | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | | Groundwater | | Surface Soil | | Air | |
| | Surface Water | | Subsurface Soil | | Other | | | Surface Water | | Subsurface Soil | | Other | |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y3KA4 | Equip | Field | Travel | 9/10/07 |
| Y3KA9 | Equip | Field | Travel | 9/11/07 |
| Y3KB5 | Equip | Field | Travel | 9/12/07 |
| Y3KC3 | Equip | Field | Travel | 9/13/07 |
| Y3KD8 | Equip | Field | Travel | 9/14/07 |
| Y3KD6 | Equip | Field | Travel | 9/17/07 |
| Y3KD8 | Equip | Field | Travel | 9/18/07 |
| Y3KE7 | Equip | Field | Travel | 9/19/07 |
| | Equip | Field | Travel | |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y3KF2 | Equip | Field | Travel | 9/20/07 |
| Y3KF5 | Equip | Field | Travel | 9/21/07 |
| Y3KF8 | Equip | Field | Travel | 9/24/07 |
| Y3KG5 | Equip | Field | Travel | 9/25/07 |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |

**II. BACKGROUND SAMPLES**

| Sample # | Date Collected | | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**III. LAB QC SAMPLES**

| Sample # | Date Collected | |
|---|---|---|
| Y3KC6 | 9/14/07 | |
| Y3KF6 | 9/21/07 | |
| | | |
| | | |
| | | |
| | | |
| | | |

**IV. DUPLICATES**

| Sample # | Matches | Sample # | Date Collected | Type (circle one) | | | | |
|---|---|---|---|---|---|---|---|---|
| Y3KB6 | | Y3KB7 | 9/13/07 | a | b | c | d | a= composite split |
| Y3KD0 | | Y3KD1 | 9/17/07 | a | b | c | d | b= consecutive |
| Y3KE2 | | Y3KE3 | 9/19/07 | a | b | c | d | c= co-located |
| Y3KF9 | | Y3KG0 | 9/25/07 | a | b | c | d | d= soil sleeves |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |

**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | Problem | Sample# | Date of Occurrence | Comments |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| | other | | | |

| Sample ID Cross-Reference Table | | | | | |
|---|---|---|---|---|---|
| 3rd Quarter 2007 Sample Event | | | | | |
| San Fernando Groundwater Monitoring Program | | | | | |
| Location | Well ID | Sample ID | Date | Time | Type |
| 1 | NH-VPB-06 | Y3KA3 | 9/10/2007 | 1000 | |
| 2 | NH-VPB-06 | Y3KA4 | 9/10/2007 | 1200 | BLANK |
| 3 | VD-VPB-03 | Y3KA5 | 9/11/2007 | 755 | |
| 4 | VD-VPB-05 | Y3KA6 | 9/11/2007 | 900 | |
| 5 | VD-VPB-01 | Y3KA7 | 9/11/2007 | 1005 | |
| 6 | VD-VPB-06 | Y3KA8 | 9/11/2007 | 1055 | |
| 7 | VD-VPB-06 | Y3KA9 | 9/11/2007 | 1230 | BLANK |
| 8 | CS-C04-290 | Y3KB0 | 9/12/2007 | 910 | |
| 9 | CS-C04-382 | Y3KB1 | 9/12/2007 | 935 | |
| 10 | CS-VPB-04 | Y3KB2 | 9/12/2007 | 955 | |
| 11 | CS-VPB-08 | Y3KB3 | 9/12/2007 | 1115 | |
| 12 | CS-C03-100 | Y3KB4 | 9/12/2007 | 1245 | |
| 13 | CS-C03-100 | Y3KB5 | 9/12/2007 | 1300 | BLANK |
| 14 | CS-VPB-06 | Y3KB6 | 9/13/2007 | 830 | |
| 15 | CS-VPB-06 | Y3KB7 | 9/13/2007 | 845 | DUP |
| 16 | CS-C06-185 | Y3KB8 | 9/13/2007 | 850 | |
| 17 | CS-VPB-10 | Y3KB9 | 9/13/2007 | 955 | |
| 18 | CS-VPB-09 | Y3KC0 | 9/13/2007 | 1120 | |
| 19 | CS-VPB-03 | Y3KC1 | 9/13/2007 | 1200 | |
| 20 | NH-VPB-07 | Y3KC2 | 9/13/2007 | 1300 | |
| 21 | NH-VPB-07 | Y3KC3 | 9/13/2007 | 1330 | BLANK |
| 22 | PO-VPB-02 | Y3KC4 | 9/14/2007 | 800 | |
| 23 | PO-C01-195 | Y3KC5 | 9/14/2007 | 830 | |
| 24 | CS-C05-160 | Y3KC6 | 9/14/2007 | 950 | LAB QC |
| 25 | CS-VPB-05 | Y3KC7 | 9/14/2007 | 1015 | |
| 26 | CS-C05-290 | Y3KC8 | 9/14/2007 | 1035 | |
| 27 | CS-C05-290 | Y3KC9 | 9/14/2007 | 1145 | BLANK |
| 28 | NH-C02-325 | Y3KD0 | 9/17/2007 | 920 | |
| 29 | NH-C02-325 | Y3KD1 | 9/17/2007 | 930 | DUP |
| 30 | NH-C02-520 | Y3KD2 | 9/17/2007 | 925 | |
| 31 | NH-C02-220 | Y3KD3 | 9/17/2007 | 1010 | |
| 32 | NH-VPB-05 | Y3KD4 | 9/17/2007 | 1105 | |
| 33 | NH-VPB-08 | Y3KD5 | 9/17/2007 | 1155 | |
| 34 | NH-VPB-08 | Y3KD6 | 9/17/2007 | 1245 | BLANK |
| 35 | NH-VPB-02 | Y3KD7 | 9/18/2007 | 818 | |
| 36 | NH-VPB-02 | Y3KD8 | 9/18/2007 | 900 | BLANK |
| 37 | NH-C06-285 | Y3KD9 | 9/18/2007 | 950 | |
| 38 | NH-C06-160 | Y3KE0 | 9/18/2007 | 1030 | |
| 39 | CS-VPB-01 | Y3KE1 | 9/19/2007 | 802 | |
| 40 | CS-VPB-11 | Y3KE2 | 9/19/2007 | 920 | |
| 41 | CS-VPB-11 | Y3KE3 | 9/19/2007 | 940 | DUP |

| | | | | | |
|---|---|---|---|---|---|
| 42 | CS-VPB-07 | Y3KE4 | 9/19/2007 | 1020 | |
| 43 | NH-C01-325 | Y3KE5 | 9/19/2007 | 1155 | |
| 44 | NH-C05-460 | Y3KE6 | 9/19/2007 | 1300 | |
| 45 | NH-C05-460 | Y3KE7 | 9/19/2007 | 1330 | BLANK |
| 46 | PO-VPB-03 | Y3KE8 | 9/20/2007 | 830 | |
| 47 | PO-VPB-10 | Y3KE9 | 9/20/2007 | 935 | |
| 48 | PO-VPB-01 | Y3KF0 | 9/20/2007 | 1025 | |
| 49 | NH-VPB-01 | Y3KF1 | 9/20/2007 | 1150 | |
| 50 | NH-VPB-01 | Y3KF2 | 9/20/2007 | 1200 | BLANK |
| 51 | CS-C01-105 | Y3KF3 | 9/21/2007 | 810 | |
| 52 | CS-C01-285 | Y3KF4 | 9/21/2007 | 820 | |
| 53 | CS-C01-285 | Y3KF5 | 9/21/2007 | 830 | BLANK |
| 54 | PO-VPB-07 | Y3KF6 | 9/21/2007 | 945 | LAB QC |
| 55 | VD-VPB-07 | Y3KF7 | 9/24/2007 | 920 | |
| 56 | VD-VPB-07 | Y3KF8 | 9/24/2007 | 1200 | BLANK |
| 57 | CS-C02-250 | Y3KF9 | 9/25/2007 | 833 | |
| 58 | CS-C02-250 | Y3KG0 | 9/25/2007 | 840 | DUP |
| 59 | CS-C02-335 | Y3KG1 | 9/25/2007 | 845 | |
| 60 | CS-C02-062 | Y3KG2 | 9/25/2007 | 915 | |
| 61 | CS-C02-180 | Y3KG3 | 9/25/2007 | 945 | |
| 62 | NH-VPB-04 | Y3KG4 | 9/25/2007 | 1145 | |
| 63 | NH-VPB-04 | Y3KG5 | 9/25/2007 | 1200 | BLANK |

**FIELD QA/QC SUMMARY FORM**

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **2/25/08** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Mike Ladeau** | **Case #:** | **36993 (sfv)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **ACOE EMAX [123 TCP]** |
| | | | **Note: Samples collected at selected wells only.** |

| **Matrix:(Check one)** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **X** | Groundwater | | Surface Soil | | Air | | |
| | Surface Water | | Subsurface Soil | | Other | | |

| **I. BLANKS** | | | | | | **II. BACKGROUND SAMPLES** | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Type (circle one)** | | | **Date Collected** | | **Sample #** | **Date Collected** | | |
| Y3R14 | Equip | Field | Travel | 12/3/07 | | | | | |
| Y3R37 | Equip | Field | Travel | 12/10/07 | | | | | |
| Y3R51 | Equip | Field | Travel | 12/12/07 | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | | | | |
| | Equip | Field | Travel | | | **III. LAB QC SAMPLES** | | | |
| | Equip | Field | Travel | | | **Sample #** | **Date Collected** | | |
| | Equip | Field | Travel | | | Y3R16 | 12/3/07 | | |
| | | | | | | | | | |
| | | | | | | | | | |

| **IV. DUPLICATES** | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Matches** | **Sample #** | **Date Collected** | **Type (circle one)** | | | | | |
| Y3R39 | | Y3R40 | 12/10/07 | a | b | c | d | a= composite split | |
| | | | | a | b | c | d | b= consecutive | |
| | | | | a | b | c | d | c= co-located | |
| | | | | a | b | c | d | d= soil sleeves | |
| | | | | a | b | c | d | | |
| | | | | a | b | c | d | | |
| | | | | a | b | c | d | | |
| | | | | a | b | c | d | | |

| **V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED** | | | | |
|---|---|---|---|---|
| **Problem** | | **Sample #** | **Date (s) of Occurrence** | **Comments** |
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| **X** | **16 1,2,3-TCP samples from 12 RI monitoring wells sent to EMAX through ACOE IAG.** | | | |

# FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **2/25/08** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Mike Ladeau** | **Case #:** | **36993 (sfv)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP Bonner Analytical [dissolved metals]** |

| **Matrix:(Check one)** | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **X** | Groundwater | | Surface Soil | | Air | | | Groundwater | | Surface Soil | | Air | |
| | Surface Water | | Subsurface Soil | | Other | | | Surface Water | | Subsurface Soil | | Other | |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y3QZ3 | Equip | Field | Travel | 11/27/07 |
| Y3QZ7 | Equip | Field | Travel | 11/28/07 |
| Y3R03 | Equip | Field | Travel | 11/29/07 |
| Y3R13 | Equip | Field | Travel | 11/30/07 |
| Y3R14 | Equip | Field | Travel | 12/3/07 |
| Y3R21 | Equip | Field | Travel | 12/4/07 |
| Y3R26 | Equip | Field | Travel | 12/5/07 |
| Y3R32 | Equip | Field | Travel | 12/6/07 |
| Y3R37 | Equip | Field | Travel | 12/10/07 |

**I. BLANKS**

| Sample # | Type (circle one) | | | Date Collected |
|---|---|---|---|---|
| Y3R45 | Equip | Field | Travel | 12/11/07 |
| Y3R51 | Equip | Field | Travel | 12/12/07 |
| Y3R61 | Equip | Field | Travel | 12/13/07 |
| Y3R63 | Equip | Field | Travel | 12/17/07 |
| Y3R75 | Equip | Field | Travel | 12/19/07 |
| Y3R80 | Equip | Field | Travel | 12/20/07 |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |
| | Equip | Field | Travel | |

**II. BACKGROUND SAMPLES**

| Sample # | Date Collected | | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**III. LAB QC SAMPLES**

| Sample # | Date Collected | |
|---|---|---|
| Y3R05 | 11/29/07 | |
| Y3R16 | 12/3/07 | |
| Y3R78 | 12/20/07 | |
| | | |
| | | |
| | | |
| | | |

**IV. DUPLICATES**

| Sample # | Matches | Sample # | Date Collected | Type (circle one) | | | | |
|---|---|---|---|---|---|---|---|---|
| Y3QZ9 | | Y3R00 | 11/28/07 | a | b | c | d | a= composite split |
| Y3R10 | | Y3R11 | 11/30/07 | a | b | c | d | b= consecutive |
| Y3R23 | | Y3R24 | 12/4/07 | a | b | c | d | c= co-located |
| Y3R39 | | Y3R40 | 12/10/07 | a | b | c | d | d= soil sleeves |
| Y3R57 | | Y3R58 | 12/13/07 | a | b | c | d | |
| Y3R69 | | Y3R70 | 12/19/07 | a | b | c | d | |
| Y3R76 | | Y3R77 | 12/20/07 | a | b | c | d | |
| | | | | a | b | c | d | |
| | | | | a | b | c | d | |

**V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED**

| | Problem | Sample # | Date of Occurrence | Comments |
|---|---|---|---|---|
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |

**FIELD QA/QC SUMMARY FORM**

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

| | | | |
|---|---|---|---|
| **Date:** | **2/25/08** | **Site:** | **SFVB (WA246 Areas 1-4)** |
| **Sampler:** | **Mike Ladeau** | **Case #:** | **36993 (sfv)** |
| **Office:** | **CH2M HILL/SCO** | **Laboratory:** | **CLP Shealy Environmental [VOCs]** |

| **Matrix:(Check one)** | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Groundwater | | Surface Soil | | Air | | | Groundwater | | Surface Soil | | Air | |
| | Surface Water | | Subsurface Soil | | Other | | | Surface Water | | Subsurface Soil | | Other | |

| **I. BLANKS** | | | | | | **I. BLANKS** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Type (circle one)** | | | **Date Collected** | | **Sample #** | **Type (circle one)** | | | **Date Collected** |
| Y3QZ3 | Equip | Field | Travel | 11/27/07 | | Y3R45 | Equip | Field | Travel | 12/11/07 |
| Y3QZ7 | Equip | Field | Travel | 11/28/07 | | Y3R51 | Equip | Field | Travel | 12/12/07 |
| Y3R03 | Equip | Field | Travel | 11/29/07 | | Y3R61 | Equip | Field | Travel | 12/13/07 |
| Y3R13 | Equip | Field | Travel | 11/30/07 | | Y3R63 | Equip | Field | Travel | 12/17/07 |
| Y3R14 | Equip | Field | Travel | 12/3/07 | | Y3R75 | Equip | Field | Travel | 12/19/07 |
| Y3R21 | Equip | Field | Travel | 12/4/07 | | Y3R80 | Equip | Field | Travel | 12/20/07 |
| Y3R26 | Equip | Field | Travel | 12/5/07 | | | Equip | Field | Travel | |
| Y3R32 | Equip | Field | Travel | 12/6/07 | | | Equip | Field | Travel | |
| Y3R37 | Equip | Field | Travel | 12/10/07 | | | Equip | Field | Travel | |

| **II. BACKGROUND SAMPLES** | | | | | **III. LAB QC SAMPLES** | | |
|---|---|---|---|---|---|---|---|
| **Sample #** | **Date Collected** | | | | **Sample #** | **Date Collected** | |
| | | | | | Y3R05 | 11/29/07 | |
| | | | | | Y3R16 | 12/3/07 | |
| | | | | | Y3R78 | 12/20/07 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| **IV. DUPLICATES** | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample #** | **Matches** | **Sample #** | **Date Collected** | **Type (circle one)** | | | | | |
| Y3QZ9 | | Y3R00 | 11/28/07 | a | b | c | d | a= composite split | |
| Y3R10 | | Y3R11 | 11/30/07 | a | b | c | d | b= consecutive | |
| Y3R23 | | Y3R24 | 12/4/07 | a | b | c | d | c= co-located | |
| Y3R39 | | Y3R40 | 12/10/07 | a | b | c | d | d= soil sleeves | |
| Y3R57 | | Y3R58 | 12/13/07 | a | b | c | d | | |
| Y3R69 | | Y3R70 | 12/19/07 | a | b | c | d | | |
| Y3R76 | | Y3R77 | 12/20/07 | a | b | c | d | | |
| | | | | a | b | c | d | | |
| | | | | a | b | c | d | | |

| **V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED** | | | | |
|---|---|---|---|---|
| **Problem** | | **Sample#** | **Date of Occurrence** | **Comments** |
| | None | | | |
| | Pumping Equipment Problems | | | |
| | Sample Filtering Problems | | | |
| | Less Than Required Sample Volume | | | |
| | Low Flow/Recharge Rates | | | |
| | Preservation Problems | | | |
| | Samples Not Shipped in 24 hrs. | | | |
| | Federal Express Delay | | | |
| | other | | | |

| Sample ID Cross-Reference Table | | | | | |
|---|---|---|---|---|---|
| 4th Quarter 2007 Sample Event | | | | | |
| San Fernando Groundwater Monitoring Program | | | | | |
| **Location** | **Well ID** | **Date** | **Time** | **Sample ID** | **Type** |
| 1 | NH-C03-680 | 11/27/2007 | 945 | Y3QZ1 | |
| 2 | NH-C03-800 | 11/27/2007 | 1030 | Y3QZ2 | |
| 3 | NH-C03-800 | 11/27/2007 | 1110 | Y3QZ3 | BLANK |
| 4 | NH-C03-580 | 11/27/2007 | 1130 | Y3QZ4 | |
| 5 | NH-C03-380 | 11/27/2007 | 1135 | Y3QZ5 | |
| 6 | NH-VPB-07 | 11/27/2007 | 1215 | Y3QZ6 | |
| 7 | NH-C01-660 | 11/28/2007 | 805 | Y3QZ7 | BLANK |
| 8 | NH-C01-660 | 11/28/2007 | 930 | Y3QZ8 | |
| 9 | NH-C01-780 | 11/28/2007 | 945 | Y3QZ9 | |
| 10 | NH-C01-780 | 11/28/2007 | 955 | Y3R00 | DUP |
| 11 | NH-VPB-10 | 11/28/2007 | 1140 | Y3R01 | |
| 12 | NH-VPB-04 | 11/28/2007 | 1240 | Y3R02 | |
| 13 | NH-C06-160 | 11/29/2007 | 750 | Y3R03 | BLANK |
| 14 | NH-C06-160 | 11/29/2007 | 825 | Y3R04 | |
| 15 | NH-C06-425 | 11/29/2007 | 850 | Y3R05 | LAB QC |
| 16 | NH-C04-375 | 11/29/2007 | 1045 | Y3R06 | |
| 17 | NH-C04-560 | 11/29/2007 | 1100 | Y3R07 | |
| 18 | NH-C04-240 | 11/29/2007 | 1115 | Y3R08 | |
| 19 | CS-VPB-02 | 11/29/2007 | 1205 | Y3R09 | |
| 20 | CS-C04-520 | 11/30/2007 | 915 | Y3R10 | |
| 21 | CS-C04-520 | 11/30/2007 | 925 | Y3R11 | DUP |
| 22 | CS-C01-558 | 11/30/2007 | 1120 | Y3R12 | |
| 23 | CS-C01-558 | 11/30/2007 | 1005 | Y3R13 | BLANK |
| 24 | NH-C02-681 | 12/3/2007 | 840 | Y3R14 | BLANK |
| 25 | NH-C02-681 | 12/3/2007 | 955 | Y3R15 | |
| 26 | NH-C02-520 | 12/3/2007 | 935 | Y3R16 | LAB QC |
| 27 | NH-C02-220 | 12/3/2007 | 1025 | Y3R17 | |
| 28 | NH-C02-325 | 12/3/2007 | 1035 | Y3R18 | |
| 29 | NH-VPB-05 | 12/3/2007 | 1120 | Y3R19 | |
| 30 | NH-VPB-08 | 12/3/2007 | 1200 | Y3R20 | |
| 31 | NH-VPB-08 | 12/4/2007 | 800 | Y3R21 | BLANK |
| 32 | NH-VPB-02 | 12/4/2007 | 810 | Y3R22 | |
| 33 | NH-C05-460 | 12/4/2007 | 945 | Y3R23 | |
| 34 | NH-C05-460 | 12/4/2007 | 1000 | Y3R24 | DUP |
| 35 | NH-C06-285 | 12/4/2007 | 1125 | Y3R25 | |
| 36 | CS-C04-382 | 12/5/2007 | 900 | Y3R26 | BLANK |
| 37 | CS-C04-382 | 12/5/2007 | 950 | Y3R27 | |
| 38 | CS-C04-290 | 12/5/2007 | 1055 | Y3R28 | |
| 39 | CS-VPB-04 | 12/5/2007 | 1110 | Y3R29 | |
| 40 | CS-VPB-08 | 12/5/2007 | 1200 | Y3R30 | LAB QC |
| 41 | CS-C05-160 | 12/6/2007 | 855 | Y3R31 | |
| 42 | CS-C05-160 | 12/6/2007 | 910 | Y3R32 | BLANK |
| 43 | CS-C05-290 | 12/6/2007 | 920 | Y3R33 | |
| 44 | CS-VPB-05 | 12/6/2007 | 930 | Y3R34 | |
| 45 | CS-C02-250 | 12/10/2007 | 950 | Y3R35 | |
| 46 | CS-C02-335 | 12/10/2007 | 1000 | Y3R36 | |
| 47 | CS-C02-335 | 12/10/2007 | 1020 | Y3R37 | BLANK |
| 48 | CS-C02-180 | 12/10/2007 | 1055 | Y3R38 | |

| | | | | | |
|---|---|---|---|---|---|
| 49 | CS-C02-062 | 12/10/2007 | 1105 | Y3R39 | |
| 50 | CS-C02-062 | 12/10/2007 | 1120 | Y3R40 | DUP |
| 51 | CS-C03-100 | 12/10/2007 | 1155 | Y3R41 | |
| 52 | PO-C01-195 | 12/11/2007 | 845 | Y3R42 | |
| 53 | PO-C01-354 | 12/11/2007 | 905 | Y3R43 | |
| 54 | PO-VPB-02 | 12/11/2007 | 915 | Y3R44 | |
| 55 | PO-VPB-02 | 12/11/2007 | 925 | Y3R45 | BLANK |
| 56 | CS-VPB-06 | 12/11/2007 | 950 | Y3R46 | |
| 57 | CS-VPB-10 | 12/11/2007 | 1035 | Y3R47 | |
| 58 | CS-VPB-09 | 12/11/2007 | 1115 | Y3R48 | |
| 59 | CS-VPB-03 | 12/11/2007 | 1200 | Y3R49 | |
| 60 | NH-VPB-01 | 12/12/2007 | 825 | Y3R50 | |
| 61 | CS-C01-285 | 12/12/2007 | 920 | Y3R51 | BLANK |
| 62 | CS-C01-285 | 12/12/2007 | 950 | Y3R52 | |
| 63 | CS-C01-105 | 12/12/2007 | 1005 | Y3R53 | |
| 64 | NH-C01-325 | 12/12/2007 | 1140 | Y3R54 | LAB QC |
| 65 | CS-VPB-07 | 12/13/2007 | 805 | Y3R55 | |
| 66 | PO-C03-182 | 12/13/2007 | 935 | Y3R56 | |
| 67 | PO-C03-235 | 12/13/2007 | 955 | Y3R57 | |
| 68 | PO-C03-235 | 12/13/2007 | 1015 | Y3R58 | DUP |
| 69 | PO-VPB-03 | 12/13/2007 | 1020 | Y3R59 | |
| 70 | PO-VPB-07 | 12/13/2007 | 1055 | Y3R60 | |
| 71 | PO-VPB-07 | 12/13/2007 | 1125 | Y3R61 | BLANK |
| 72 | CS-VPB-11 | 12/13/2007 | 1150 | Y3R62 | |
| 73 | CS-C03-550 | 12/17/2007 | 820 | Y3R63 | BLANK |
| 74 | CS-C03-550 | 12/17/2007 | 910 | Y3R64 | |
| 75 | CS-C03-325 | 12/17/2007 | 1000 | Y3R65 | |
| 76 | PO-C02-053 | 12/17/2007 | 1120 | Y3R66 | |
| 77 | PO-C02-205 | 12/17/2007 | 1150 | Y3R67 | |
| 78 | VD-VPB-02 | 12/19/2007 | 745 | Y3R68 | |
| 79 | VD-VPB-03 | 12/19/2007 | 855 | Y3R69 | |
| 80 | VD-VPB-03 | 12/19/2007 | 905 | Y3R70 | DUP |
| 81 | VD-VPB-01 | 12/19/2007 | 940 | Y3R71 | |
| 82 | VD-VPB-06 | 12/19/2007 | 1020 | Y3R72 | |
| 83 | VD-VPB-07 | 12/19/2007 | 1055 | Y3R73 | |
| 84 | VD-VPB-07 | 12/19/2007 | 1110 | Y3R74 | BLANK |
| 85 | PO-VPB-06 | 12/20/2007 | 805 | Y3R75 | |
| 86 | PO-VPB-05 | 12/20/2007 | 840 | Y3R76 | |
| 87 | PO-VPB-05 | 12/20/2007 | 850 | Y3R77 | DUP |
| 88 | PO-VPB-01 | 12/20/2007 | 930 | Y3R78 | LAB QC |
| 89 | PO-VPB-10 | 12/20/2007 | 1015 | Y3R79 | |
| 90 | PO-VPB-10 | 12/20/2007 | 1100 | Y3R80 | BLANK |

# Appendix E
# Summary of Detected Compounds

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C01-105 | CS-C01-285 | CS-C02-062 | CS-C02-180 | CS-C02-250 | CS-C02-335 | CS-C03-100 | CS-C04-290 | CS-C04-382 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 3/13/2007 | 3/13/2007 | 3/14/2007 | 3/14/2007 | 3/14/2007 | 3/14/2007 | 3/13/2007 | 3/22/2007 | 3/22/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (5) | 0.17 J | ND (0.5) | ND (5) | ND (5) | 1.6 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **13 J** | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | 2.1 J | ND (0.5) | ND (0.5) | 1.6 J | 2.1 J | **140 J** | 1.5 J | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **2.3 J** | ND (0.5) | ND (0.5) |
| 2-Hexanone | NE | | µg/L | ND (5) | ND (10) | ND (5) | ND (5) | ND (10) | ND (10) | ND (10) | ND (5) | ND (5) |
| Acetone | 22000 | f | µg/L | ND (5) | ND (10) | ND (5) | ND (5) | ND (10) | ND (10) | ND (10) | ND (5) | ND (5) |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Carbon disulfide | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | 0.5 J | **2.4 J** | 0.43 J | 0.34 J | **1.7 J** | **1.6 J** | **8.1 J** | 0.14 J | 0.16 J |
| Chloride | NE | | mg/L | 120 | 23 | 110 | 52 | 26 | 30 | 77 | 16 | 18 |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (5) | 0.6 J | ND (0.5) | ND (5) | ND (5) | 6.7 J | ND (0.5) | ND (0.5) |
| Chloromethane | 1900 | f | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | 2.6 | 5.7 | 2.2 J | 0.37 J | 4.9 J | 4.2 J | **81 J** | 3.6 | 2 |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | 0.058 J | ND (0.5) | ND (5) | ND (5) | **12 J** | ND (0.5) | 0.053 J |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Cyclohexane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (5) | 0.18 J | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.31 | 0.48 | 0.33 | 0.34 | 0.45 | 0.49 | 0.33 | 0.56 | 0.43 |
| Isopropylbenzene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Methyl acetate | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Methyl ethyl ketone | 7100 | f | µg/L | ND (5) | ND (10) | ND (5) | ND (5) | ND (10) | ND (10) | ND (10) | ND (5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | 0.17 J | ND (5) | 0.54 J | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | **62.3** | 24.92 | **53.4** | 14.24 | 21.805 | 34.265 | **48.95** | 11.125 | 8.9 |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.5) | ND (0.1) | ND (0.5) | 0.05 J | ND (0.1) | ND (0.1) | ND (0.5) | ND (0.1) | ND (0.1) |
| o-Xylene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Sulfate | 250 | c | mg/L | 200 | 59.8 | 210 | **320** | 110 | 86 | 120 | 45 | 66 |
| Tetrachloroethylene | 5.00 | d | µg/L | **16 J** | **150 J** | **18 J** | 4.6 J | **90 J** | **240 J** | **120 J** | **11 J** | **21 J** |
| Toluene | 150 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | **Well Name:** | | **CS-C01-105** | **CS-C01-285** | **CS-C02-062** | **CS-C02-180** | **CS-C02-250** | **CS-C02-335** | **CS-C03-100** | **CS-C04-290** | **CS-C04-382** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sample Date:** | | **3/13/2007** | **3/13/2007** | **3/14/2007** | **3/14/2007** | **3/14/2007** | **3/14/2007** | **3/13/2007** | **3/22/2007** | **3/22/2007** |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| trans-1,3-Dichloropropene | NE | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | **28 J** | **190 J** | **22 J** | **11 J** | **150 J** | **310 J** | **1,300 J** | **17 J** | **23 J** |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C05-160 | CS-C05-290 | CS-C06-185 | CS-VPB-01 | CS-VPB-03 | CS-VPB-04 | CS-VPB-05 | CS-VPB-06 | CS-VPB-07 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 3/16/2007 | 3/16/2007 | 3/22/2007 | 3/15/2007 | 3/13/2007 | 3/22/2007 | 3/16/2007 | 3/22/2007 | 3/15/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 2.6 J | 0.7 J | ND (5) | ND (5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | **31 J** | **9.4 J** | ND (5) | 2.8 J |
| 1,1-Dichloroethene | 6.00 | b | µg/L | 3.4 J | ND (0.5) | ND (0.5) | ND (5) | **9.2 J** | ND (5) | **74 J** | **17 J** | **33 J** |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| 2-Hexanone | NE | | µg/L | ND (10) | ND (5) | ND (5) | ND (10) | ND (5) | ND (10) | ND (10) | ND (10) | ND (10) |
| Acetone | 22000 | f | µg/L | ND (10) | ND (5) | ND (5) | ND (10) | ND (5) | ND (10) | ND (10) | ND (10) | ND (10) |
| Benzene | 1.00 | b | µg/L | ND (5) | ND (0.5) | 0.053 J | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Carbon disulfide | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Carbon tetrachloride | 0.50 | b | µg/L | **1.8 J** | ND (0.5) | 0.22 J | **0.67 J** | 0.26 J | **6.9 J** | **2.6 J** | **3.9 J** | **5.4 J** |
| Chloride | NE | | mg/L | 40 | 40 | 52 | 92 | 18 | 82 | 75 | 94 | 83 |
| Chloroform | 80.0 | g | µg/L | ND (5) | ND (0.5) | 0.83 J | ND (5) | ND (0.5) | 14 J | 7.2 J | ND (5) | ND (5) |
| Chloromethane | 1900 | f | µg/L | ND (5) | 0.75 J | 0.6 J | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Chromium(VI) | 50.0 | * | µg/L | 18 J | 1.2 J | 1.2 J | 2.3 J | **63 J** | **280** | **370 J** | 8.9 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | 2.4 J | ND (0.5) | 0.23 J | ND (5) | ND (0.5) | **48 J** | **18 J** | ND (5) | 3.3 J |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Cyclohexane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (0.5) | 2 J | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Fluoride | 2.00 | b | mg/L | 0.42 | 0.43 | 0.34 | 0.32 | 0.57 | 0.51 | 0.32 | 0.3 | 0.29 |
| Isopropylbenzene | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl acetate | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl ethyl ketone | 7100 | f | µg/L | ND (10) | ND (5) | ND (5) | ND (10) | ND (5) | ND (10) | ND (10) | ND (10) | ND (10) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (0.5) | 0.14 J | 1.2 J | ND (0.5) | ND (5) | 0.65 J | ND (5) | 1.3 J |
| Nitrate (as NO3) | 45.0 | d | mg/L | 26.7 | 8.455 | 9.345 | 40.05 | 16.91 | **48.95** | **53.4** | 40.05 | **57.85 J** |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.1) | ND (0.1) | ND (0.5) | ND (0.2) | ND (0.1) | ND (0.5) | ND (0.2) | ND (0.5) | ND (0.2) |
| o-Xylene | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Sulfate | 250 | c | mg/L | 97 | 92 | 93 | 180 | 39 | 151 | 140 | 170 | 150 |
| Tetrachloroethylene | 5.00 | d | µg/L | **14 J** | **16 J** | **10 J** | **83 J** | 0.066 J | **150 J** | **37 J** | **5.9 J** | **12 J** |
| Toluene | 150 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | **Well Name:** | | **CS-C05-160** | **CS-C05-290** | **CS-C06-185** | **CS-VPB-01** | **CS-VPB-03** | **CS-VPB-04** | **CS-VPB-05** | **CS-VPB-06** | **CS-VPB-07** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sample Date:** | | **3/16/2007** | **3/16/2007** | **3/22/2007** | **3/15/2007** | **3/13/2007** | **3/22/2007** | **3/16/2007** | **3/22/2007** | **3/15/2007** |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| trans-1,3-Dichloropropene | NE | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Trichloroethylene | 5.00 [d] | µg/L | **170 J** | **15 J** | **8.4 J** | **83 J** | **7.6 J** | **3,000 J** | **430 J** | **190 J** | **480 J** |
| Trichlorofluoromethane | NE | µg/L | ND (5) | ND (0.5) | 2.2 J | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Vinyl chloride | 0.50 [b] | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-VPB-08 | CS-VPB-09 | CS-VPB-10 | CS-VPB-11 | NH-C01-325 | NH-C02-220 | NH-C02-325 | NH-C02-520 | NH-C04-240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 3/13/2007 | 3/16/2007 | 3/22/2007 | 3/22/2007 | 3/14/2007 | 3/12/2007 | 3/12/2007 | 3/12/2007 | 3/6/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | 13 J | ND (5) | ND (0.5) | ND (0.5) | 0.77 J | ND (0.5) | 0.23 J | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 0.31 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 1.6 J | ND (0.5) | 0.23 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | ND (0.005) | **0.014** | **0.012** | **0.017** | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.34 J | ND (0.5) | ND (0.5) |
| 2-Hexanone | NE | | µg/L | ND (10) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | 2.6 J |
| Acetone | 22000 | f | µg/L | ND (10) | ND (5) | ND (10) | ND (5) | ND (5) | 0.57 J | ND (5) | ND (5) | ND (5) |
| Benzene | 1.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon disulfide | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (5) | ND (0.5) | ND (5) | 0.22 J | ND (0.5) | **2.3 J** | 0.41 J | **0.58 J** | ND (0.5) |
| Chloride | NE | | mg/L | 97 | 180 | 94 | 89 | 47 | 42 | 25 | 17 | 39 |
| Chloroform | 80.0 | g | µg/L | ND (5) | 0.51 J | ND (5) | 0.83 J | 1.3 J | 0.93 J | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloromethane | 1900 | f | µg/L | ND (5) | ND (0.5) | ND (5) | 0.43 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | 2.7 J | 5 J | 1.9 J | 2.1 J | 0.34 | 4.1 J | 1.1 J | 1.1 J | 5.8 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 3 J | ND (0.5) | 0.86 J | ND (0.5) | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cyclohexane | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | 1.9 J | 7.9 J | ND (0.5) | 1.5 J | ND (0.5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.33 | 0.27 | 0.24 | 0.24 | 0.21 | 0.38 | 0.48 | 0.44 | 0.48 |
| Isopropylbenzene | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl acetate | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl ethyl ketone | 7100 | f | µg/L | ND (10) | ND (5) | ND (10) | 0.56 J | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (0.5) | 1 J | 0.15 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 44.5 | **53.4** | **57.85** | **48.95** | **75.65** | **53.4** | 22.25 | 10.68 | 25.81 |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.1) |
| o-Xylene | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Sulfate | 250 | c | mg/L | 190 | 220 | 160 | 160 | 76 | 100 | 63 | 91 | 70 |
| Tetrachloroethylene | 5.00 | d | µg/L | **230 J** | **6.6 J** | **28 J** | **9.9 J** | **30 J** | 0.36 J | 4.1 J | 0.4 J | ND (0.5) |
| Toluene | 150 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | **Well Name:** | | **CS-VPB-08** | **CS-VPB-09** | **CS-VPB-10** | **CS-VPB-11** | **NH-C01-325** | **NH-C02-220** | **NH-C02-325** | **NH-C02-520** | **NH-C04-240** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sample Date:** | | **3/13/2007** | **3/16/2007** | **3/22/2007** | **3/22/2007** | **3/14/2007** | **3/12/2007** | **3/12/2007** | **3/12/2007** | **3/6/2007** |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 0.086 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| trans-1,3-Dichloropropene | NE | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | **120 J** | ND (0.5) | **12 J** | 0.48 J | 3.1 J | **11 J** | **14 J** | **9.5 J** | 0.32 J |
| Trichlorofluoromethane | NE | µg/L | ND (5) | ND (0.5) | ND (5) | 2.3 J | 0.64 J | ND (0.5) | 0.16 J | ND (0.5) | ND (0.5) |
| Vinyl chloride | 0.50 [b] | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-C04-375 | NH-C05-460 | NH-C06-160 | NH-C06-285 | NH-VPB-01 | NH-VPB-02 | NH-VPB-04 | NH-VPB-05 | NH-VPB-06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 3/6/2007 | 3/14/2007 | 3/8/2007 | 3/13/2007 | 3/23/2007 | 3/12/2007 | 3/8/2007 | 3/12/2007 | 3/8/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 1.3 J | 0.35 J |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.28 J |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | 1.4 J | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 1.5 J | 0.77 J |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | ND (0.005) | -- | -- | -- | -- | -- | **0.051** | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 2-Hexanone | NE | | µg/L | ND (5) | ND (10) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Acetone | 22000 | f | µg/L | ND (5) | ND (10) | ND (5) | ND (10) | ND (5) | 0.3 J | ND (5) | ND (5) | ND (5) |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | 0.27 J | ND (5) | ND (0.5) | ND (0.5) | 0.19 J | 0.21 J | 0.094 J |
| Carbon disulfide | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 0.065 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (5) | 0.13 J | **1 J** | **0.81 J** | ND (0.5) | ND (0.5) | **4.5 J** | ND (0.5) |
| Chloride | NE | | mg/L | 36 | 23 | 50 | 36 | 81 | 49 | 76 | 54 | 45 |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (5) | 0.85 J | ND (5) | 0.58 J | 0.57 J | 1.2 J | 2 J | 0.87 J |
| Chloromethane | 1900 | f | µg/L | 0.46 J | ND (5) | ND (0.5) | ND (5) | 0.97 J | ND (0.5) | ND (0.5) | ND (0.5) | 0.13 J |
| Chromium(VI) | 50.0 | * | µg/L | 6.1 J | 0.22 J | 5.9 J | 3 J | 2.5 J | 3.1 J | 2.2 J | 3.4 | 1.5 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.077 J | 1.5 J |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cyclohexane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 1.2 J | 0.71 J | ND (0.5) | ND (0.5) | 1.2 J |
| Fluoride | 2.00 | b | mg/L | 0.48 | 0.52 | 0.38 | 0.32 | 0.39 | 0.25 | 0.29 | 0.36 | 0.3 |
| Isopropylbenzene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl acetate | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl ethyl ketone | 7100 | f | µg/L | ND (5) | ND (10) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 0.12 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 27.59 | 38.715 | **75.65** | 44.5 | 44.5 | **62.3** | **57.85** | **66.75** | **75.65** |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.5) | ND (0.1) | ND (0.2) | ND (0.2) | ND (0.1) |
| o-Xylene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Sulfate | 250 | c | mg/L | 65 | 59 | 90 | 180 | 153 | 96 | 82 | 88 | 72 |
| Tetrachloroethylene | 5.00 | d | µg/L | ND (0.5) | 2 J | 0.83 J | **5.6 J** | **12 J** | **5.9 J** | 0.093 J | 0.74 J | 3.1 J |
| Toluene | 150 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | **Well Name:** | | **NH-C04-375** | **NH-C05-460** | **NH-C06-160** | **NH-C06-285** | **NH-VPB-01** | **NH-VPB-02** | **NH-VPB-04** | **NH-VPB-05** | **NH-VPB-06** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sample Date:** | | **3/6/2007** | **3/14/2007** | **3/8/2007** | **3/13/2007** | **3/23/2007** | **3/12/2007** | **3/8/2007** | **3/12/2007** | **3/8/2007** |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| trans-1,3-Dichloropropene | NE | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | ND (0.5) | **81 J** | 0.35 J | **68 J** | **18 J** | **5.1 J** | ND (0.5) | **32 J** | **17 J** |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 0.096 J | ND (0.5) | ND (0.5) | 0.49 J |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-VPB-07 | NH-VPB-08 | PO-C01-195 | PO-VPB-02 | PO-VPB-03 | PO-VPB-07 | PO-VPB-08 | PO-VPB-10 | VD-VPB-01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 3/8/2007 | 3/12/2007 | 3/16/2007 | 3/16/2007 | 3/15/2007 | 3/16/2007 | 3/16/2007 | 3/15/2007 | 3/9/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | 0.13 J | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | 0.32 J | ND (0.5) | 0.2 J |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | **11 J** | ND (0.5) | ND (0.5) | 5.1 J | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 2-Hexanone | NE | | µg/L | ND (5) | ND (5) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | 2.9 J |
| Acetone | 22000 | f | µg/L | ND (5) | 0.45 J | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 1.2 J |
| Carbon disulfide | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloride | NE | | mg/L | 41 | 40 | 53 | 86 | 85 | 160 | 93 | 81 | 93 |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | 0.59 J | ND (0.5) | ND (5) | 0.98 J | 1.2 J | ND (0.5) | ND (0.5) | 2.3 J |
| Chloromethane | 1900 | f | µg/L | 0.13 J | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | 1.1 J | 1.8 | 0.2 J | **310 J** | 3 J | 0.43 J | ND (0.2) | 6.2 J | 0.12 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | 0.11 J | ND (0.5) | 0.1 J | ND (5) | 0.25 J | 0.15 J | 0.73 J | ND (0.5) | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.071 J |
| Cyclohexane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.12 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.31 J |
| Dichlorodifluoromethane | NE | | µg/L | 0.98 J | 0.13 J | ND (0.5) | ND (5) | 0.84 J | ND (0.5) | ND (0.5) | ND (0.5) | 2.6 J |
| Fluoride | 2.00 | b | mg/L | 0.24 | 0.23 | 0.24 | 0.24 | 0.26 | 0.55 | 0.43 | 0.39 | 0.18 |
| Isopropylbenzene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl acetate | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 13 J |
| Methyl ethyl ketone | 7100 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | 0.068 J | ND (0.5) | 0.38 J | ND (0.5) | 12 J |
| Nitrate (as NO3) | 45.0 | d | mg/L | **53.4** | 31.15 | 24.92 | **53.4** | **53.4** | **53.4** | 12.015 | **80.1** | **57.85** |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.1) | ND (0.1) | ND (0.2) | ND (0.2) | ND (0.2) | ND (0.5) | 0.1 | ND (0.2) | ND (0.5) |
| o-Xylene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Sulfate | 250 | c | mg/L | 65 | 62 | 78 | 152 | 160 | **310** | 180 | 83 | 130 |
| Tetrachloroethylene | 5.00 | d | µg/L | 2 J | 2.4 J | 0.7 J | **100 J** | **6.5 J** | 0.94 J | **5.8 J** | ND (0.5) | **5.4 J** |
| Toluene | 150 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | **Well Name:** | | **NH-VPB-07** | **NH-VPB-08** | **PO-C01-195** | **PO-VPB-02** | **PO-VPB-03** | **PO-VPB-07** | **PO-VPB-08** | **PO-VPB-10** | **VD-VPB-01** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sample Date:** | | **3/8/2007** | **3/12/2007** | **3/16/2007** | **3/16/2007** | **3/15/2007** | **3/16/2007** | **3/16/2007** | **3/15/2007** | **3/9/2007** |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | 0.078 J | ND (0.5) | ND (0.5) |
| trans-1,3-Dichloropropene | NE | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.57 J |
| Trichloroethylene | 5.00 [d] | µg/L | 0.15 J | **7 J** | **12 J** | **170 J** | **11 J** | **41 J** | **7.3 J** | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (0.5) | 0.33 J | ND (5) | 0.16 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | **0.51 J** | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | VD-VPB-02 | VD-VPB-03 | VD-VPB-05 | VD-VPB-06 | VD-VPB-07 |
|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 3/9/2007 | 3/9/2007 | 3/9/2007 | 3/9/2007 | 3/9/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 2-Hexanone | NE | | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Acetone | 22000 | f | µg/L | 0.6 J | ND (5) | ND (5) | 0.6 J | ND (5) |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | 0.14 J | ND (0.5) | 0.47 J | 0.31 J | ND (0.5) |
| Carbon disulfide | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloride | NE | | mg/L | 96 | 130 | 85 | 83 | 51.4 |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | 1.3 J | 3.2 J | ND (0.5) |
| Chloromethane | 1900 | f | µg/L | 0.34 J | ND (0.5) | 0.17 J | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | ND (0.2) | 0.24 J | ND (0.2) | 0.2 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cyclohexane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.1 J | 0.21 | 0.19 | 0.16 | 0.23 |
| Isopropylbenzene | NE | | µg/L | ND (0.5) | ND (0.5) | 0.15 J | ND (0.5) | ND (0.5) |
| Methyl acetate | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl ethyl ketone | 7100 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (0.5) | 1.4 J | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | **57.85** | 25.81 | 36.935 | **53.4** | 15.575 |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| o-Xylene | NE | | µg/L | ND (0.5) | ND (0.5) | 0.13 J | ND (0.5) | ND (0.5) |
| Sulfate | 250 | c | mg/L | 140 | 230 | 140 | 150 | 100 |
| Tetrachloroethylene | 5.00 | d | µg/L | 3.2 J | 0.2 J | 0.35 J | 0.48 J | ND (0.5) |
| Toluene | 150 | b | µg/L | ND (0.5) | ND (0.5) | 0.053 J | ND (0.5) | ND (0.5) |
| trans-1,2-Dichloroethene | 10.0 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-1
Summary of Detected Compounds First Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | VD-VPB-02 | VD-VPB-03 | VD-VPB-05 | VD-VPB-06 | VD-VPB-07 |
|---|---|---|---|---|---|---|---|
| | Sample Date: | | 3/9/2007 | 3/9/2007 | 3/9/2007 | 3/9/2007 | 3/9/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | |
| trans-1,3-Dichloropropene | NE | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | 0.092 J | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | 0.14 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

Notes:

NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.

J = Approximate concentration

[a] California Department of Public Health Notification Level based on toxicity to human beings, previously known as "action levels"

[b] California EPA Department of Public Health Primary Maximum Concentration Level

[c] California EPA Department of Public Health Secondary Maximum Concentration Level

[d] Federal EPA Maximum Contaminant Level and California EPA Department of Public Health Primary Maximum Concentration Level

[e] Contaminant level at which water treatment or other requirements are triggered.

[f] Regional Screening Level (RSL), Tap Water, April 2009

[g] MCL is for Total Trihalomethanes (sum of chloroform, bromodichloromethane, dibromochloromethane, and bromoform)

* Chromium(VI): MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Federal or Cal EPA Primary MCL or, in order of preference and availability, Cal DPH Action Level, Cal DPH Secondary MCL, and EPA RSL

TABLE E-2
Summary of Detected Compounds Second Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C01-105 | CS-C01-285 | CS-C02-062 | CS-C02-180 | CS-C02-250 | CS-C02-335 | CS-C03-100 | CS-C04-290 | CS-C04-382 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 6/22/2007 | 6/22/2007 | 6/19/2007 | 6/19/2007 | 6/19/2007 | 6/19/2007 | 6/19/2007 | 6/20/2007 | 6/20/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 1.3 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **14 J** | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **130 J** | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | **0.016** | **0.018** | -- | -- | -- | -- | -- | -- | -- |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (5) | **1.4 J** | ND (0.5) | 0.2 J | **1.4 J** | ND (5) | **6.2 J** | ND (0.5) | 0.11 J |
| Chloroform | 80.0 | g | µg/L | ND (5) | ND (5) | 0.42 J | ND (0.5) | ND (5) | ND (5) | 6.6 J | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | 3.2 J | 5.3 J | 2.2 | 0.65 | 5.5 J | 6.1 J | **71 J** | ND (0.2) | 2.2 |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **12 J** | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| m,p-Xylene | 1750 | b | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Methylene chloride | 5.00 | d | µg/L | ND (5) | ND (5) | ND (0.5) | **11 J** | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | **48.95** | 22.695 | 44.5 | 13.35 | 19.58 | 31.595 | 44.5 | 1.38 | 8.9 |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.5) | ND (0.1) | ND (0.5) | ND (0.1) | 0.05 J | ND (0.1) | ND (0.2) | ND (0.5) | ND (0.1) |
| Tetrachloroethylene | 5.00 | d | µg/L | **23** | **110 J** | **14 J** | 4.1 J | **82 J** | **200** | **110 J** | ND (0.5) | **22 J** |
| Trichloroethylene | 5.00 | d | µg/L | **41** | **160 J** | **21 J** | **9.8 J** | **140 J** | **410** | **1,200 J** | ND (0.5) | **25** |
| Trichlorofluoromethane | NE | | µg/L | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |

TABLE E-2
Summary of Detected Compounds Second Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C05-160 | CS-C05-290 | CS-C06-185 | CS-VPB-01 | CS-VPB-03 | CS-VPB-04 | CS-VPB-05 | CS-VPB-06 | CS-VPB-07 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 6/14/2007 | 6/14/2007 | 6/21/2007 | 6/22/2007 | 6/19/2007 | 6/20/2007 | 6/14/2007 | 6/21/2007 | 6/20/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 1.1 J | ND (5) | ND (0.5) | ND (5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) | ND (5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 2.2 J | ND (5) | ND (0.5) | ND (5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | **33 J** | **7.2 J** | 0.79 J | 4.1 J |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | **6.1** | ND (5) | **58 J** | **14 J** | **46 J** |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | 0.31 J | ND (5) |
| Carbon tetrachloride | 0.50 | b | µg/L | **1.6 J** | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | **5.9 J** | **2.3 J** | **3.4 J** | **5.1 J** |
| Chloroform | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 14 J | 7 J | 2.1 J | 5.5 J |
| Chromium(VI) | 50.0 | * | µg/L | 11 | 1.2 | 1.8 J | 2.6 J | **64 J** | **230** | **290** | 8.8 J | 0.4 |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | 2.2 J | ND (0.5) | 0.18 J | ND (5) | ND (0.5) | **48 J** | **14 J** | 1 J | 4.5 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) | ND (5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) | ND (5) |
| m,p-Xylene | 1750 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) | ND (5) |
| Methylene chloride | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | **13 J** | ND (5) | 1 J | ND (5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 24.03 | 8.01 | 9.345 | 39.605 | 15.575 | **48.95** | **48.95** | 39.16 | **57.85** |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.1) | ND (0.1) | ND (0.2) | ND (0.2) | ND (0.1) | ND (0.5) | ND (0.2) | ND (0.5) | ND (0.5) |
| Tetrachloroethylene | 5.00 | d | µg/L | **15 J** | **18** | 1.5 J | **90** | ND (0.5) | **140 J** | **34 J** | **5.5 J** | **16 J** |
| Trichloroethylene | 5.00 | d | µg/L | **170 J** | **18** | **7.9 J** | **87** | **6.6** | **3,200 J** | **420 J** | **190 J** | **620 J** |
| Trichlorofluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) | ND (5) |

TABLE E-2
Summary of Detected Compounds Second Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-VPB-08 | CS-VPB-09 | CS-VPB-10 | CS-VPB-11 | NH-C01-325 | NH-C02-220 | NH-C02-325 | NH-C02-520 | NH-C04-240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 6/15/2007 | 6/14/2007 | 6/14/2007 | 6/15/2007 | 6/20/2007 | 6/18/2007 | 6/18/2007 | 6/18/2007 | 6/21/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | 7.4 | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 1.5 J | ND (0.5) | 0.21 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | **0.0051** | **0.019** | **0.014** | -- |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | **0.67 J** | 0.41 J | 0.34 J | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | ND (5) | 0.59 | ND (5) | 0.67 J | ND (5) | 0.35 J | 0.32 J | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | 2.6 J | 5.2 | 2 | 1.4 J | 0.21 J | 3.1 J | 1.3 J | 1.5 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 2.5 J | ND (0.5) | 0.75 J | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | 1.5 J | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| m,p-Xylene | 1750 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (0.5) | 1.1 J | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methylene chloride | 5.00 | d | µg/L | ND (5) | 0.62 | ND (5) | ND (0.5) | **21 J** | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 43.165 | **48.95** | **57.85** | **48.95** | **93.45** | 44.5 | 19.58 | 8.455 | ND (0.445) |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.5) | ND (1) | ND (0.5) | ND (0.5) | ND (0.2) | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.2) |
| Tetrachloroethylene | 5.00 | d | µg/L | **240 J** | **6** | **35 J** | **9.4 J** | **37 J** | 0.12 J | 3.9 J | 0.26 J | ND (0.5) |
| Trichloroethylene | 5.00 | d | µg/L | **110 J** | ND (0.5) | **14 J** | 0.45 J | 3 J | 2.5 J | **13 J** | **5.9 J** | ND (0.5) |
| Trichlorofluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | 1.6 J | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-2
Summary of Detected Compounds Second Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-C04-375 | NH-C05-460 | NH-C06-160 | NH-C06-285 | NH-VPB-01 | NH-VPB-02 | NH-VPB-04 | NH-VPB-05 | NH-VPB-06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 6/21/2007 | 6/20/2007 | 6/19/2007 | 6/19/2007 | 6/22/2007 | 6/21/2007 | 6/12/2007 | 6/18/2007 | 6/20/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 0.17 J |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 0.23 J |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | **0.015** | -- | -- | **0.077** | -- |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 0.16 J | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | **0.8 J** | ND (0.5) | ND (5) | **5.6 J** | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (5) | 0.58 J | ND (5) | 0.54 J | 0.71 J | ND (5) | ND (5) | 0.64 J |
| Chromium(VI) | 50.0 | * | µg/L | 6.1 J | 0.22 J | 6.1 J | 3.4 J | 3.2 J | 3.2 J | 2.1 | 3.4 J | 1.6 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 0.22 J | ND (5) | ND (5) | 1.2 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| m,p-Xylene | 1750 | b | µg/L | ND (0.5) | 1 J | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | 1.2 J | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |
| Methylene chloride | 5.00 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 4.3 J | ND (0.5) | **17** | ND (5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 27.59 | 36.935 | **66.75** | 42.275 | 41.83 | **62.3** | 44.5 | **66.75** | **75.65** |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.1) | ND (0.2) | ND (0.1) | ND (0.2) | ND (0.1) | ND (0.1) |
| Tetrachloroethylene | 5.00 | d | µg/L | ND (0.5) | 1.9 J | 0.66 J | 4.3 J | **11 J** | **6.9 J** | ND (5) | 1.3 J | 2.8 J |
| Trichloroethylene | 5.00 | d | µg/L | ND (0.5) | **120 J** | 0.26 J | **59 J** | **21 J** | **12 J** | ND (5) | **51 J** | **17 J** |
| Trichlorofluoromethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (0.5) |

TABLE E-2
Summary of Detected Compounds Second Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-VPB-07 | NH-VPB-08 | PO-C01-195 | PO-VPB-02 | PO-VPB-03 | PO-VPB-07 | PO-VPB-08 | PO-VPB-10 | VD-VPB-01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 6/14/2007 | 6/18/2007 | 6/15/2007 | 6/15/2007 | 6/21/2007 | 6/15/2007 | 6/22/2007 | 6/14/2007 | 6/13/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 0.26 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 3 J | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | **0.0064** | -- | -- | -- | -- | -- | -- | -- |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | 0.86 J |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | 0.22 J | **0.59 J** | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | 0.58 J | ND (0.5) | ND (5) | 0.47 J | ND (5) | ND (0.5) | ND (0.5) | 1.4 J |
| Chromium(VI) | 50.0 | * | µg/L | 1 | 2.3 J | 0.1 J | **310 J** | 3.1 J | ND (0.2) | 0.18 J | 6.8 | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | 0.61 J | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | 0.42 J |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| m,p-Xylene | 1750 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | 1.9 J |
| Methylene chloride | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | **48.95** | 25.81 | 24.03 | **53.4** | **53.4** | **53.4** | 8.9 | **80.1** | **48.95** |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.1) | ND (0.1) | ND (0.2) | ND (0.5) | ND (0.2) | ND (0.5) | ND (0.2) | ND (0.2) | ND (0.2) |
| Tetrachloroethylene | 5.00 | d | µg/L | 1.7 | 2.7 J | 0.76 | **91 J** | **6.4 J** | ND (5) | 5 J | ND (0.5) | 4.3 J |
| Trichloroethylene | 5.00 | d | µg/L | ND (0.5) | **10 J** | **13** | **200 J** | 4.2 J | **24 J** | **6.7 J** | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-2
Summary of Detected Compounds Second Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | VD-VPB-02 | VD-VPB-03 | VD-VPB-05 | VD-VPB-06 | VD-VPB-07 |
|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 6/13/2007 | 6/13/2007 | 6/13/2007 | 6/13/2007 | 6/13/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | 0.52 J | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | 0.41 J | ND (0.5) | 1 J | 2.1 J | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | 0.19 J | 0.2 | ND (0.2) | 0.28 | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| m,p-Xylene | 1750 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (0.5) | 0.63 J | ND (0.5) | ND (0.5) |
| Methylene chloride | 5.00 | d | µg/L | 1.2 J | ND (0.5) | ND (0.5) | 0.9 J | 0.68 |
| Nitrate (as NO3) | 45.0 | d | mg/L | **53.4** | 24.475 | 36.49 | 44.055 | 12.905 |
| Nitrite (as Nitrogen) | 1.00 | d | mg/L | ND (0.2) | ND (0.5) | ND (0.2) | ND (0.2) | ND (0.1) |
| Tetrachloroethylene | 5.00 | d | µg/L | 3 J | ND (0.5) | 0.29 J | 0.46 J | ND (0.5) |
| Trichloroethylene | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

Notes:

NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.

J = Approximate concentration

[a] California Department of Public Health Notification Level based on toxicity to human beings, previously known as "action levels"

[b] California EPA Department of Public Health Primary Maximum Concentration Level

[c] California EPA Department of Public Health Secondary Maximum Concentration Level

[d] Federal EPA Maximum Contaminant Level and California EPA Department of Public Health Primary Maximum Concentration Level

[e] Contaminant level at which water treatment or other requirements are triggered.

[f] Regional Screening Level (RSL), Tap Water, April 2009

[g] MCL is for Total Trihalomethanes (sum of chloroform, bromodichloromethane, dibromochloromethane, and bromoform)

* Chromium(VI): MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Federal or Cal EPA Primary MCL or, in order of preference and availability, Cal DPH Action Level, Cal DPH Secondary MCL, and EPA RSL

TABLE E-3
Summary of Detected Compounds Third Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C01-105 | CS-C01-285 | CS-C02-062 | CS-C02-180 | CS-C02-250 | CS-C02-335 | CS-C03-100 | CS-C04-290 | CS-C04-382 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 9/21/2007 | 9/21/2007 | 9/25/2007 | 9/25/2007 | 9/25/2007 | 9/25/2007 | 9/12/2007 | 9/12/2007 | 9/12/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 2.2 J | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **11** | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **110** | 1.5 | 0.35 J |
| 1,2,3-Trichlorobenzene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | **0.013** | **0.019** | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-Trichlorobenzene | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | 0.43 J | ND (5) | ND (0.5) | 0.3 J | ND (5) | ND (5) | **6.1** | ND (0.5) | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | 0.33 J | ND (5) | 0.21 J | 0.3 J | ND (5) | ND (5) | 5.6 | ND (0.5) | ND (0.5) |
| Chromium(VI) | 50.0 | * | µg/L | -- | -- | 2.1 J | 0.46 J | 5.3 J | 5.6 J | **73 J** | 4.4 J | 2.1 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **10 J** | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (5) | 0.24 J | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | -- | -- | **48.95** | 14.24 | 21.36 | 33.82 | **48.95** | 11.125 | 9.345 |
| Tetrachloroethylene | 5.00 | d | µg/L | **14** | **100** | 4.9 | **5.1 J** | **60** | **180** | **92** | **11** | **21** |
| Trichloroethylene | 5.00 | d | µg/L | **31** | **140** | **6.3** | **13 J** | **110** | **250** | **1,100** | **17** | **24** |
| Trichlorofluoromethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) |

TABLE E-3
Summary of Detected Compounds Third Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C05-160 | CS-C05-290 | CS-C06-185 | CS-VPB-01 | CS-VPB-03 | CS-VPB-04 | CS-VPB-05 | CS-VPB-06 | CS-VPB-07 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 9/14/2007 | 9/14/2007 | 9/13/2007 | 9/19/2007 | 9/13/2007 | 9/12/2007 | 9/14/2007 | 9/13/2007 | 9/19/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 7 | ND (5) | ND (5) | ND (5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 2.2 J | ND (5) | ND (5) | ND (5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | **28** | **10** | ND (5) | 3 J |
| 1,1-Dichloroethene | 6.00 | b | µg/L | 3.1 J | 0.22 J | 0.31 J | ND (5) | **9.2** | **290** | **81** | **17** | **38** |
| 1,2,3-Trichlorobenzene | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-Trichlorobenzene | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | **5.9** | ND (5) | **4.5 J** | **5.5** |
| Chloroform | 80.0 | g | µg/L | 2.9 J | ND (0.5) | ND (0.5) | ND (5) | 0.23 J | 13 | 7.4 | 3.4 J | 5.2 |
| Chromium(VI) | 50.0 | * | µg/L | 22.2 | 1.2 J | 1.2 J | 1.4 J | **63 J** | **183** | **350 J** | 8.1 J | 0.75 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | 2.2 J | ND (0.5) | 0.23 J | ND (5) | ND (0.5) | **46 J** | **20 J** | ND (5) | 3.7 J |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 26.7 | 7.565 | 9.79 | 42.275 | 17.355 | **48.95** | **53.4** | 38.27 | **53.4** |
| Tetrachloroethylene | 5.00 | d | µg/L | **11** | **17** | 1.6 | **94** | ND (0.5) | **110** | **36** | **6** | **10 J** |
| Trichloroethylene | 5.00 | d | µg/L | **160** | **16** | **8.8** | **93** | **7.6** | **2,800** | **620** | **300** | **670 J** |
| Trichlorofluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (5) |

TABLE E-3
Summary of Detected Compounds Third Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-VPB-08 | CS-VPB-09 | CS-VPB-10 | CS-VPB-11 | NH-C01-325 | NH-C02-220 | NH-C02-325 | NH-C02-520 | NH-C05-460 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 9/12/2007 | 9/13/2007 | 9/13/2007 | 9/19/2007 | 9/19/2007 | 9/17/2007 | 9/17/2007 | 9/17/2007 | 9/19/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | 14 | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 0.8 | ND (0.5) | 0.24 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.23 J | 0.28 J | 0.39 J |
| 1,2,3-Trichlorobenzene | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | ND (0.005) | **0.011** | **0.009** | -- |
| 1,2,4-Trichlorobenzene | 5.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | 0.21 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | **1.4** | 0.49 J | 0.4 J | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | ND (5) | 0.95 | 2.1 J | 0.53 | 0.61 | 0.68 | 0.38 J | ND (0.5) | 0.32 J |
| Chromium(VI) | 50.0 | * | µg/L | 2.7 J | 5.1 J | 2 J | 1.9 J | 0.33 J | 2.9 J | 0.7 J | 1.1 J | 0.25 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 1.4 J | ND (0.5) | 0.74 | ND (0.5) | 0.36 J |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | 3.5 | 8.5 | ND (0.5) | 1.5 | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 41.83 | **48.95** | **57.85** | **48.95** | **111.25** | **57.85** | 20.47 | 8.9 | 38.715 |
| Tetrachloroethylene | 5.00 | d | µg/L | **380** | **6.5** | **23** | **7.7** | **32** | ND (0.5) | 3.3 | 0.23 J | 1.5 |
| Trichloroethylene | 5.00 | d | µg/L | **120** | ND (0.5) | **9.2** | 0.33 J | 1.8 | 3.7 | **11** | **5.5** | **100** |
| Trichlorofluoromethane | NE | | µg/L | ND (5) | ND (0.5) | ND (5) | 0.84 | 0.33 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-3
Summary of Detected Compounds Third Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-C06-160 | NH-C06-285 | NH-VPB-01 | NH-VPB-02 | NH-VPB-04 | NH-VPB-05 | NH-VPB-06 | NH-VPB-07 | NH-VPB-08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 9/18/2007 | 9/18/2007 | 9/20/2007 | 9/18/2007 | 9/25/2007 | 9/17/2007 | 9/10/2007 | 9/13/2007 | 9/17/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.4 J | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.2 J | 0.35 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 1.5 | 1.3 | ND (0.5) | ND (0.5) |
| 1,2,3-Trichlorobenzene | NE | | µg/L | ND (0.5) | ND (5) | 0.23 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | **0.016** | -- | -- | **0.088** | -- | -- | -- |
| 1,2,4-Trichlorobenzene | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.34 J | ND (0.5) | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (5) | **0.55** | ND (0.5) | ND (0.5) | **5.4** | ND (0.5) | ND (0.5) | 0.34 J |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (5) | 0.42 J | ND (0.5) | 1.1 | 2.4 | 1.1 | ND (0.5) | 0.8 |
| Chromium(VI) | 50.0 | * | µg/L | ND (0.2) | 3.2 J | 2.5 | 3.2 J | 1.6 J | 3.6 J | 1.8 J | 0.96 J | 2.3 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 1.3 | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (5) | 0.97 | 0.52 | ND (0.5) | ND (0.5) | 0.85 | 0.42 J | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | ND (0.445) | **48.95** | 44.5 | **71.2** | **48.95** | **75.65** | **75.65** | 40.495 | 27.145 |
| Tetrachloroethylene | 5.00 | d | µg/L | 0.74 | 4.1 J | **6.2** | **15** | ND (0.5) | 0.86 | 3.7 | 1.7 | 2.9 |
| Trichloroethylene | 5.00 | d | µg/L | 0.37 J | **67** | **12** | 3.8 | ND (0.5) | **46** | **46** | ND (0.5) | **12** |
| Trichlorofluoromethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.58 | ND (0.5) | ND (0.5) |

TABLE E-3
Summary of Detected Compounds Third Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | PO-C01-195 | PO-VPB-01 | PO-VPB-02 | PO-VPB-03 | PO-VPB-07 | PO-VPB-10 | VD-VPB-01 | VD-VPB-03 | VD-VPB-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 9/14/2007 | 9/20/2007 | 9/14/2007 | 9/20/2007 | 9/21/2007 | 9/20/2007 | 9/11/2007 | 9/11/2007 | 9/11/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.2 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | **6.8** | ND (0.5) | 0.4 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichlorobenzene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-Trichlorobenzene | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.72 | ND (0.5) | 0.87 |
| Carbon tetrachloride | 0.50 | b | µg/L | **0.56** | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | 0.28 J | 0.62 | ND (5) | 0.57 | 2.6 | ND (0.5) | 1.7 | 0.3 J | 1.6 |
| Chromium(VI) | 50.0 | * | µg/L | 0.11 J | 3.3 J | **380 J** | 3.2 J | -- | 5.6 J | ND (0.2) | 0.12 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 0.47 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | 0.37 J | ND (5) | ND (0.5) | 0.49 J | ND (0.5) | 1.9 | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 1.6 | ND (0.5) | 0.65 |
| Nitrate (as NO3) | 45.0 | d | mg/L | 23.14 | 43.165 | **53.4** | **53.4** | -- | **84.55** | **48.95** | 24.92 | 39.16 |
| Tetrachloroethylene | 5.00 | d | µg/L | 0.76 | 0.93 | **67** | 5 | 2.8 | ND (0.5) | 3.8 | ND (0.5) | 0.3 J |
| Trichloroethylene | 5.00 | d | µg/L | **8.8** | 1.7 | **160** | **8.7** | **170** | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | | µg/L | 0.44 J | 0.32 J | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-3
Summary of Detected Compounds Third Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | VD-VPB-06 | VD-VPB-07 |
|---|---|---|---|---|---|
| | Sample Date: | | | 9/11/2007 | 9/24/2007 |
| **Analyte** | **Threshold** | | **Units** | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) |
| 1,2,3-Trichlorobenzene | NE | | µg/L | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- |
| 1,2,4-Trichlorobenzene | 5.00 | b | µg/L | ND (0.5) | ND (0.5) |
| Bromodichloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (0.5) |
| Chloroform | 80.0 | g | µg/L | 3 | 0.21 J |
| Chromium(VI) | 50.0 | * | µg/L | 0.22 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) |
| Methyl tert-butyl ether | 13.0 | b | µg/L | ND (0.5) | ND (0.5) |
| Nitrate (as NO3) | 45.0 | d | mg/L | 40.05 | 12.46 |
| Tetrachloroethylene | 5.00 | d | µg/L | 0.5 J | ND (0.5) |
| Trichloroethylene | 5.00 | d | µg/L | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) |

Notes:

NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.

J = Approximate concentration

[a] California Department of Public Health Notification Level based on toxicity to human beings, previously known as "action levels"

[b] California EPA Department of Public Health Primary Maximum Concentration Level

[c] California EPA Department of Public Health Secondary Maximum Concentration Level

[d] Federal EPA Maximum Contaminant Level and California EPA Department of Public Health Primary Maximum Concentration Level

[e] Contaminant level at which water treatment or other requirements are triggered.

[f] Regional Screening Level (RSL), Tap Water, April 2009

[g] MCL is for Total Trihalomethanes (sum of chloroform, bromodichloromethane, dibromochloromethane, and bromoform)

* Chromium(VI): MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Federal or Cal EPA Primary MCL or, in order of preference and availability, Cal DPH Action Level, Cal DPH Secondary MCL, and EPA RSL

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C01-105 | CS-C01-285 | CS-C01-558 | CS-C02-062 | CS-C02-180 | CS-C02-250 | CS-C02-335 | CS-C03-100 | CS-C03-325 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 12/12/2007 | 12/12/2007 | 11/30/2007 | 12/10/2007 | 12/10/2007 | 12/10/2007 | 12/10/2007 | 12/10/2007 | 12/17/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 2.6 J | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 1.3 J | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **12** | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **110** | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | **0.012** | **0.022** | -- | **0.014** | **0.0053** | **0.018** | **0.028** | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | **2.7 J** | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | -- | -- | -- | ND (100) | ND (100) | ND (100) | -- |
| Acetone | 22000 | f | µg/L | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (10) | ND (10) | ND (10) | ND (5) |
| Alkalinity | NE | | mg/L | 270 | 220 | 160 | 280 | 220 | 200 | 220 | 310 | 170 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 270 | 220 | 160 | 280 | 220 | 200 | 220 | 310 | 170 |
| Antimony | 6.00 | d | µg/L | 0.21 J | 0.24 J | 0.2 J | 0.2 J | 0.22 J | 0.14 J | ND (2) | 0.16 J | 0.18 J |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | 0.47 J | 0.23 J | ND (1) | 0.36 J | 0.76 J | ND (1) |
| Barium | 1000 | d | µg/L | 139 | 92.6 | 93 | 87.2 | 47.1 | 78.1 | 80 | 254 | 89.9 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | 0.5 J | ND (5) | ND (0.5) |
| Calcium | NE | | µg/L | 142 | 77.8 | 62.5 J | 145 | 121 | 80.7 | 83.2 | 124 | 49.5 |
| Carbon tetrachloride | 0.50 | b | µg/L | **0.65** | **1.6 J** | ND (0.5) | 0.42 J | 0.25 J | **1.5 J** | **1.4 J** | **7.2** | ND (0.5) |
| Chloride | NE | | mg/L | 96 | 23 | 30 | 100 | 50 | 25 | 30 | 76 | 19 |
| Chloroform | 80.0 | g | µg/L | 0.54 | 0.94 J | ND (0.5) | 0.66 | ND (0.5) | 0.88 J | 1.3 J | 6.3 | ND (0.5) |
| Chloromethane | 1900 | f | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | 0.36 J |
| Chromium | 50.0 | b | µg/L | 3.8 | 5.8 | 2.6 | 2.4 | ND (2) | 6.7 | 6.3 | **85.2** | 5.4 |
| Chromium(VI) | 50.0 | * | µg/L | 3.7 J | 5.2 J | 1.3 J | 2.2 J | 0.38 J | 5.3 J | 6.4 J | **92 J** | 3.3 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | 0.087 J | 0.85 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | 0.88 J | **9.9 J** | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (5) | ND (0.5) | 0.28 J | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | 1.1 | ND (1) |
| Copper | 1300 | e | µg/L | 2.1 | 0.66 J | 0.35 J | 1.3 J | 0.41 J | 0.83 J | 1.4 J | 1.6 J | 0.25 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | 0.33 J | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.36 | 0.52 | 0.34 | 0.33 | 0.36 | 0.49 | 0.51 | 0.31 | 0.49 |
| Iron | 300 | c | µg/L | ND (100) | ND (100) | 37.9 J | ND (100) | 105 | 21.5 J | ND (100) | ND (100) | ND (100) |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | CS-C01-105 | CS-C01-285 | CS-C01-558 | CS-C02-062 | CS-C02-180 | CS-C02-250 | CS-C02-335 | CS-C03-100 | CS-C03-325 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 12/12/2007 | 12/12/2007 | 11/30/2007 | 12/10/2007 | 12/10/2007 | 12/10/2007 | 12/10/2007 | 12/10/2007 | 12/17/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Magnesium | NE | µg/L | 32.8 | 18.5 | 12.2 J | 34.9 | 35.8 | 20.3 | 21.5 | 39 | 11 |
| Manganese | 50.0 [c] | µg/L | ND (1) | 6.3 | 37.9 | 3.4 | 13.6 | 6.3 | 2.6 | 0.29 J | 24.1 |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | 0.19 J | ND (5) | ND (0.5) | 0.52 | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 1.2 J | ND (0.5) |
| Nickel | 100 [b] | µg/L | 8.7 | 0.6 J | 0.82 J | 2.1 | 1.1 | 1.1 | 0.97 J | 1.5 | 0.4 J |
| Nitrate (as NO3) | 45.0 [d] | mg/L | 44.5 | 24.92 | 3.026 | **48.95** | 14.24 | 21.36 | 34.71 | **53.4** | 13.795 |
| Perchlorate | 6.00 [b] | µg/L | 3.7 | 2 | ND (2) | 2.3 | ND (2) | ND (2) | ND (2) | **23** | ND (2) |
| Potassium | NE | µg/L | 7.02 | ND (5) | 4.94 J | 7.04 | 5.98 | ND (5) | ND (5) | ND (5) | ND (5) |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | 7 | ND (5) | ND (5) | ND (5) | ND (5) |
| Sodium | NE | µg/L | 51.4 | 27 | 39.2 J | 62.7 | 78 | 30.5 | 30.3 | 48.5 | 30.3 |
| Sulfate | 250 [c] | mg/L | 190 | 60 | 97.1 | 200 | **310** | 110 | 85 | 120 | 46 |
| Tetrachloroethylene | 5.00 [d] | µg/L | **18** | **140** | ND (0.5) | **16** | 4.9 | **74** | **250 E** | **95** | 0.9 J |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 720 | 400 | 380 | 800 | 780 | 440 | 460 | 680 | 290 |
| Total Organic Carbon | NE | mg/L | 0.48 J | ND (0.5) | ND (0.5) | 0.39 J | ND (0.5) | ND (0.5) | 0.26 J | 0.53 | ND (0.5) |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | 0.71 J | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | **32** | **200** | ND (0.5) | **18** | **10** | **130** | **340 E** | **1,100 E** | 1.5 J |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | 3 J | 3.9 J | 6.4 | 3.2 J | 3 J | 3.8 J | 3.8 J | 7.6 | 8 |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (5) | ND (5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 1.1 J | 2.1 | 2.1 | 2.5 | 1.6 J | 2.1 | 2.3 | 2.7 | 1.1 J |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-C03-550 | CS-C04-290 | CS-C04-382 | CS-C04-520 | CS-C05-160 | CS-C05-290 | CS-VPB-02 | CS-VPB-03 | CS-VPB-04 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 12/17/2007 | 12/5/2007 | 12/5/2007 | 11/30/2007 | 12/6/2007 | 12/6/2007 | 11/29/2007 | 12/11/2007 | 12/5/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.74 J |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 2 J |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | **29** |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | 1.5 | ND (5) | ND (0.5) | 2.4 J | ND (0.5) | ND (0.5) | **8.7** | **220** |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | ND (100) | -- | ND (100) | -- | -- | -- | **25 J** |
| Acetone | 22000 | f | µg/L | ND (5) | ND (5) | ND (10) | ND (5) | ND (10) | 0.97 J | ND (5) | ND (5) | ND (10) |
| Alkalinity | NE | | mg/L | 140 | 180 | 180 | 150 | 220 | 180 | 270 | 170 | 420 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 140 | 180 | 180 | 150 | 220 | 180 | 270 | 170 | 420 |
| Antimony | 6.00 | d | µg/L | 0.23 J | 0.21 J | 0.21 J | ND (2) | ND (2) | 0.15 J | ND (2) | 0.13 J | ND (2) |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | 0.66 J | ND (1) |
| Barium | 1000 | d | µg/L | 88.2 | 85.8 | 81 | 55 | 157 | 63.4 | 51.7 | 82.3 | 139 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Calcium | NE | | µg/L | 52.3 | 55.9 J | 66 J | 57.9 | 83.7 | 64.1 | 151 | 49.3 | 152 J |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | 0.16 J | ND (5) | ND (0.5) | **1.6 J** | ND (0.5) | 0.13 J | 0.28 J | **5.5** |
| Chloride | NE | | mg/L | 130 | 16 | 17 | 100 | 39 | 38 | 97 | 18 | 83 |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 3 J | ND (0.5) | 0.92 | ND (0.5) | 13 |
| Chloromethane | 1900 | f | µg/L | 0.17 J | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Chromium | 50.0 | b | µg/L | ND (2) | 5.6 | 2.7 | ND (2) | 15.4 | ND (2) | 3.2 | **60.4** | **193** |
| Chromium(VI) | 50.0 | * | µg/L | ND (0.2) | 4.1 J | 2 J | ND (0.2) | 15 J | 1.1 J | 2.5 J | **60 J** | **160 J** |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 2.3 J | ND (0.5) | ND (0.5) | ND (0.5) | **43 J** |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 0.27 J | 1 J | 0.53 J | 0.4 J | 1.1 J | 0.39 J | 2.9 | 0.65 J | 1.5 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Fluoride | 2.00 | b | mg/L | 0.29 | 0.6 | 0.46 | 0.35 | 0.44 | 0.44 | 0.36 | 0.6 | 0.46 |
| Iron | 300 | c | µg/L | ND (100) | 6.2 J | 32.3 J | 192 | ND (100) | 53 J | ND (100) | ND (100) | 26.5 J |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | CS-C03-550 | CS-C04-290 | CS-C04-382 | CS-C04-520 | CS-C05-160 | CS-C05-290 | CS-VPB-02 | CS-VPB-03 | CS-VPB-04 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 12/17/2007 | 12/5/2007 | 12/5/2007 | 11/30/2007 | 12/6/2007 | 12/6/2007 | 11/29/2007 | 12/11/2007 | 12/5/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Magnesium | NE | µg/L | 11.9 | 12.7 J | 13.9 J | 12 | 22.1 | 14.7 | 34.5 | 12.6 | 44.5 J |
| Manganese | 50.0 [c] | µg/L | 13.7 | 4.4 | 14 | **58.8** | 1.9 | 19.1 | 5.1 | 1.7 | 1.4 |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | 0.15 J | ND (0.5) | 0.58 J |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Nickel | 100 [b] | µg/L | 0.6 J | 0.75 J | 0.74 J | 1.1 | 1.7 | 0.62 J | 20 | 1.9 | 8.1 |
| Nitrate (as NO3) | 45.0 [d] | mg/L | 1.246 | 11.125 | 8.9 | 1.246 | 25.81 | 7.565 | 44.5 | 17.8 | 44.5 |
| Perchlorate | 6.00 [b] | µg/L | ND (2) | ND (2) | ND (2) | ND (2) | 1.5 J | ND (2) | 2.5 | ND (2) | **21** |
| Potassium | NE | µg/L | ND (5) | 3.82 J | 4.29 J | 4.83 J | ND (5) | ND (5) | 6.73 J | ND (5) | 5.17 J |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Sodium | NE | µg/L | 96.3 | 27.2 J | 30.2 J | 88.1 | 36.1 | 43.4 | 45.4 | 23.9 | 53.1 J |
| Sulfate | 250 [c] | mg/L | 110 | 45 | 69 | 120 | 98.6 | 91 | 210 | 39 | 150 |
| Tetrachloroethylene | 5.00 [d] | µg/L | ND (0.5) | **12** | **24** | ND (0.5) | **13** | **20** | 1.2 | 0.079 J | **100** |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Total Dissolved Solids | NE | mg/L | 510 | 300 | 330 | 500 | 470 | 390 | 810 | 290 | 830 |
| Total Organic Carbon | NE | mg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.36 J | ND (0.5) | 0.76 |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.79 J |
| Trichloroethylene | 5.00 [d] | µg/L | ND (0.5) | **18** | **26** | ND (0.5) | **160** | **17** | 4.8 | **7.9 J** | **2,000** |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Vanadium | 50.0 [d] | µg/L | 5.1 | 6.5 | 5.6 | 6.4 | 5.3 | 5.1 | 4.3 J | 5.4 | 4.3 J |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) |
| Zinc | 5000 [c] | µg/L | 1.1 J | 1.9 J | 2.7 | 2 | 2.2 | 1.8 J | 3.5 | 2.9 | 5 |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | CS-VPB-05 | CS-VPB-06 | CS-VPB-07 | CS-VPB-08 | CS-VPB-09 | CS-VPB-10 | CS-VPB-11 | NH-C01-325 | NH-C01-660 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 12/6/2007 | 12/11/2007 | 12/13/2007 | 12/5/2007 | 12/11/2007 | 12/11/2007 | 12/13/2007 | 12/12/2007 | 11/28/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | 0.52 J | ND (5) | ND (5) | ND (5) | ND (0.5) | 0.086 J | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | 4.4 | ND (0.5) | ND (0.5) | 0.2 J | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | 0.69 J | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | **10** | ND (5) | 4.2 J | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.89 | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | **72** | **13** | **43** | ND (5) | ND (0.5) | 0.51 | ND (0.5) | 0.07 J | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | **1.9 J** | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | ND (100) | ND (100) | -- | ND (100) | -- | -- | -- | -- | -- |
| Acetone | 22000 | f | µg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Alkalinity | NE | | mg/L | 310 | 260 | 370 | 280 | 530 | 230 | 260 | 315 | 200 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 310 | 260 | 370 | 280 | 530 | 230 | 260 | 315 | 200 |
| Antimony | 6.00 | d | µg/L | 0.14 J | 0.2 J | 0.18 J | 0.23 J | 0.15 J | 0.18 J | 0.19 J | 0.19 J | ND (2) |
| Arsenic | 10.0 | d | µg/L | ND (1) | 0.45 J | ND (1) | ND (1) | 0.44 J | 0.87 J | ND (1) | ND (1) | ND (1) |
| Barium | 1000 | d | µg/L | 216 | 53 | 237 | 144 | 276 | 183 | 152 | 152 | 63 |
| Benzene | 1.00 | b | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Calcium | NE | | µg/L | 128 | 119 | 146 | 131 J | 214 | 122 | 122 | 132 | 61 |
| Carbon tetrachloride | 0.50 | b | µg/L | **2.9 J** | **3.5 J** | **4.4 J** | ND (5) | ND (0.5) | 0.29 J | 0.17 J | ND (0.5) | ND (0.5) |
| Chloride | NE | | mg/L | 75 | 100 | 85 | 87.7 | 180 | 94 | 90 | 63 | 12 |
| Chloroform | 80.0 | g | µg/L | 7.7 | 2.7 J | 4.3 J | 0.97 J | 0.92 | 2.2 | 1.2 | 0.6 | 0.066 J |
| Chloromethane | 1900 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | 4.6 J | ND (0.5) | ND (0.5) |
| Chromium | 50.0 | b | µg/L | **310** | 8 | 15.8 | 3.2 | 10.1 | 2.2 | 2.8 | ND (2) | ND (2) |
| Chromium(VI) | 50.0 | * | µg/L | **320 J** | 7.2 J | 12 J | 2.7 J | 5.4 J | 1.9 J | 1.4 J | 0.17 J | 0.27 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | **19 J** | 0.93 J | 4.6 J | 0.67 J | ND (0.5) | ND (0.5) | ND (0.5) | 1.6 | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 3.8 | 3.3 | 0.63 J | 1.1 J | 2.9 | 2.5 | 4.3 | 1.1 J | 0.47 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | 2.1 J | 9.6 | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.29 | 0.3 | 0.27 | 0.36 | 0.28 | 0.22 | 0.27 | 0.25 | 0.64 |
| Iron | 300 | c | µg/L | 109 | ND (100) | ND (100) | ND (100) | 215 | 29.1 J | ND (100) | ND (100) | 37.9 J |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | 1.9 | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | CS-VPB-05 | CS-VPB-06 | CS-VPB-07 | CS-VPB-08 | CS-VPB-09 | CS-VPB-10 | CS-VPB-11 | NH-C01-325 | NH-C01-660 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 12/6/2007 | 12/11/2007 | 12/13/2007 | 12/5/2007 | 12/11/2007 | 12/11/2007 | 12/13/2007 | 12/12/2007 | 11/28/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Magnesium | NE | µg/L | 36.2 | 37.3 | 44.4 | 33 J | 80.4 | 41.4 | 40.8 | 31.2 | 16.4 |
| Manganese | 50.0 [c] | µg/L | 1.5 | 1.8 | 10.4 | 0.3 J | 1.7 | ND (1) | 3 | ND (1) | **53.1** |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | 0.58 J | ND (5) | 0.88 J | ND (5) | ND (0.5) | 1.8 | 0.11 J | ND (0.5) | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nickel | 100 [b] | µg/L | 4.1 | 18.8 | 1.5 | 1.9 | 6.8 | 5.1 | 5.7 | 1.1 | 0.79 J |
| Nitrate (as NO3) | 45.0 [d] | mg/L | **53.4** | 37.38 | **53.4** | 40.94 | **53.4** | **57.85** | **48.95** | **103.685** | 8.9 |
| Perchlorate | 6.00 [b] | µg/L | 3.8 | 3.1 | 2.5 | 2 J | 4.4 | 2.3 | 2.4 | 2.5 | ND (2) |
| Potassium | NE | µg/L | ND (5) | ND (5) | ND (5) | 6.03 J | ND (5) | ND (5) | ND (5) | 6.87 | ND (5) |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Sodium | NE | µg/L | 51.3 | 60 | 48.2 | 52 J | 59.8 | 40.8 | 39.6 | 33.1 | 24.6 |
| Sulfate | 250 [c] | mg/L | 140 | 180 | 150 | 181 | 220 | 170 | 170 | 72 | 71.1 |
| Tetrachloroethylene | 5.00 [d] | µg/L | **36** | 4.9 J | **12** | **220** | 4.4 | **23** | **11** | **24** | ND (0.5) |
| Toluene | 150 [b] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 700 | 740 | 770 | 740 | 1,200 | 680 | 680 | 610 | 340 |
| Total Organic Carbon | NE | mg/L | 0.39 J | 0.58 | 0.67 | 0.43 J | 0.66 | 0.45 J | 0.43 J | 0.41 J | 0.36 J |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.079 J | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | **440** | **160** | **530** | **130** | ND (0.5) | **11** | 0.53 | 2.4 | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | 1.8 | 0.63 | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | ND (5) | 6.3 | 7.3 | 4.9 J | 10.9 | 6.4 | 7.5 | 2.2 J | 4.4 J |
| Vinyl chloride | 0.50 [b] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 2 J | 4 | 1.2 J | 1.6 J | 2.3 | 1.7 J | 3.1 | 2.4 | 1.8 J |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-C01-780 | NH-C02-220 | NH-C02-325 | NH-C02-520 | NH-C02-681 | NH-C03-380 | NH-C03-580 | NH-C03-680 | NH-C03-800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 11/28/2007 | 12/3/2007 | 12/3/2007 | 12/3/2007 | 12/3/2007 | 11/27/2007 | 11/27/2007 | 11/27/2007 | 11/27/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | 0.4 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.47 J | 0.33 J | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | 0.0038 J | **0.024** | **0.0084** | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Acetone | 22000 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Alkalinity | NE | | mg/L | 190 | 220 | 250 | 184 | 160 | 250 | 220 | 170 | 160 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 190 | 220 | 250 | 184 | 160 | 250 | 220 | 170 | 160 |
| Antimony | 6.00 | d | µg/L | ND (2) | 0.28 J | 0.25 J | 0.21 J | 0.26 J | ND (2) | 0.15 J | ND (2) | 0.22 J |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Barium | 1000 | d | µg/L | 59.3 | 118 | 94 | 84.5 | 66.2 | 102 | 105 | 87.6 | 59.9 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Calcium | NE | | µg/L | 56.6 | 99.7 J | 85 J | 76.8 J | 45.2 J | 81.2 | 79.4 | 52.6 | 44.4 |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | **1.4** | 0.41 J | 0.29 J | ND (0.5) | ND (0.5) | 0.13 J | ND (0.5) | ND (0.5) |
| Chloride | NE | | mg/L | 12 | 39 | 24 | 15 | 9.6 | 20 | 20 | 11 | 8 |
| Chloroform | 80.0 | g | µg/L | 0.072 J | 0.61 | ND (0.5) | ND (0.5) | ND (0.5) | 0.27 J | 1.2 | ND (0.5) | 0.059 J |
| Chloromethane | 1900 | f | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chromium | 50.0 | b | µg/L | ND (2) | 3.5 | ND (2) | ND (2) | ND (2) | ND (2) | 5.4 | 2.8 | 2.2 |
| Chromium(VI) | 50.0 | * | µg/L | 0.41 J | 3.1 J | 1.1 J | 1.2 J | ND (0.2) | 0.4 J | 3.7 J | 2.4 J | 1.3 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | 0.74 | ND (0.5) | ND (0.5) | 0.61 | 1 | ND (0.5) | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 0.61 J | 1.3 J | 2.1 | 0.57 J | 0.29 J | 1.2 J | 0.61 J | 0.48 J | 0.54 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.12 J | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | 2.6 | ND (0.5) | ND (0.5) | 7.2 | 3.1 | ND (0.5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.65 | 0.42 | 0.51 | 0.49 | 0.32 | 0.4 | 0.26 | 0.28 | 0.31 |
| Iron | 300 | c | µg/L | 40.8 J | ND (100) | 10.3 J | 13.7 J | 126 | 17.3 J | 7.9 J | ND (100) | 49.1 J |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | NH-C01-780 | NH-C02-220 | NH-C02-325 | NH-C02-520 | NH-C02-681 | NH-C03-380 | NH-C03-580 | NH-C03-680 | NH-C03-800 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 11/28/2007 | 12/3/2007 | 12/3/2007 | 12/3/2007 | 12/3/2007 | 11/27/2007 | 11/27/2007 | 11/27/2007 | 11/27/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Magnesium | NE | µg/L | 15 | 23.2 J | 21.9 J | 17.6 J | 9.33 J | 19.5 | 16 | 10 | 9.59 |
| Manganese | 50.0 [c] | µg/L | 49.7 | 0.58 J | 4.9 | 18.6 | **56.5** | 2.6 | 7.6 | 14.1 | 30.2 |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nickel | 100 [b] | µg/L | 1.1 | 2 | 2.6 | 0.9 J | 0.73 J | 0.97 J | 1 | 0.9 J | 1.1 |
| Nitrate (as NO3) | 45.0 [d] | mg/L | 7.12 | **48.95** | 20.47 | 8.9 | 1.736 | 12.46 | 18.69 | 4.05 | 2.358 |
| Perchlorate | 6.00 [b] | µg/L | ND (2) | 2.4 | ND (2) | 1.1 J | ND (2) | ND (2) | 1.1 J | ND (2) | ND (2) |
| Potassium | NE | µg/L | ND (5) | 5.09 J | 4.15 J | 4.79 J | 3.84 J | ND (5) | 5.1 J | ND (5) | ND (5) |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Sodium | NE | µg/L | 23.1 | 29.6 J | 28.5 J | 28.2 J | 27.4 J | 25.1 | 24 | 21.9 | 25.5 |
| Sulfate | 250 [c] | mg/L | 63 | 100 | 61 | 91 | 41 | 56 | 66 | 47 | 42 |
| Tetrachloroethylene | 5.00 [d] | µg/L | 0.1 J | 0.48 J | 3.9 | 0.25 J | ND (0.5) | 3.2 | **11** | 0.16 J | ND (0.5) |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 320 | 500 | 430 | 380 | 260 | 370 | 380 | 270 | 250 |
| Total Organic Carbon | NE | mg/L | ND (0.5) | ND (0.5) | 0.35 J | ND (0.5) | ND (0.5) | 0.27 J | ND (0.5) | ND (0.5) | ND (0.5) |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | ND (0.5) | **9.8** | **10** | 4.4 | ND (0.5) | 0.54 | **10** | 0.28 J | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (0.5) | 0.13 J | ND (0.5) | ND (0.5) | 0.36 J | ND (0.5) | ND (0.5) | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | 4.6 J | 4.2 J | 4.4 J | 4.6 J | 6.7 | 4.2 J | 4.2 J | 5.2 | 5.7 |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 1.9 J | 5.5 | 2.8 | 1.7 J | 2 | 1.9 J | 1.5 J | 2.7 | 2.6 |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-C04-240 | NH-C04-375 | NH-C04-560 | NH-C05-460 | NH-C06-160 | NH-C06-285 | NH-C06-425 | NH-VPB-01 | NH-VPB-02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 11/29/2007 | 11/29/2007 | 11/29/2007 | 12/4/2007 | 11/29/2007 | 12/4/2007 | 11/29/2007 | 12/12/2007 | 12/4/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.1 J | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | **0.016** | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | -- | ND (100) | -- | -- | -- | -- | -- |
| Acetone | 22000 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Alkalinity | NE | | mg/L | 170 | 170 | 110 | 210 | 210 | 210 | 180 | 280 | 250 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 170 | 170 | 110 | 210 | 210 | 210 | 180 | 280 | 250 |
| Antimony | 6.00 | d | µg/L | ND (2) | ND (2) | ND (2) | ND (2) | ND (2) | 0.22 J | ND (2) | ND (2) | 0.2 J |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | 0.41 J | ND (1) |
| Barium | 1000 | d | µg/L | 110 | 123 | 81.5 | 95.2 | 149 | 75.1 | 35.7 | 154 | 98 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.14 J | ND (0.5) |
| Calcium | NE | | µg/L | 66.3 | 65 | 35 | 81.2 J | 105 | 109 J | 132 | 132 | 102 J |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | 0.13 J | **0.94** | ND (0.5) | **0.75** | ND (0.5) |
| Chloride | NE | | mg/L | 39 | 38 | 99 | 23 | 52 | 36 | 45.3 | 84 | 47 |
| Chloroform | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | 0.62 J | 0.69 | 1.4 | ND (0.5) | 0.89 | 0.69 |
| Chloromethane | 1900 | f | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chromium | 50.0 | b | µg/L | 6.8 | 6.8 | 0.05 J | ND (2) | 6.4 | 4.7 | ND (2) | 3.5 | 3.4 |
| Chromium(VI) | 50.0 | * | µg/L | 5.7 J | 5.9 J | ND (0.2) | 0.18 J | 6 J | 3.3 J | ND (0.2) | 2.5 J | 3.2 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | 0.3 J | ND (0.5) | ND (0.5) | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 0.74 J | 0.78 J | 0.97 J | 0.61 J | 0.76 J | 1.3 J | 0.52 J | 1.8 J | 1.6 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.82 | 0.52 J |
| Fluoride | 2.00 | b | mg/L | 0.52 | 0.5 | 0.24 | 0.55 | 0.41 | 0.35 | 0.28 | 0.39 | 0.28 |
| Iron | 300 | c | µg/L | ND (100) | 6.4 J | 52.6 J | 10 J | ND (100) | 18.4 J | 108 | ND (100) | ND (100) |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | NH-C04-240 | NH-C04-375 | NH-C04-560 | NH-C05-460 | NH-C06-160 | NH-C06-285 | NH-C06-425 | NH-VPB-01 | NH-VPB-02 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 11/29/2007 | 11/29/2007 | 11/29/2007 | 12/4/2007 | 11/29/2007 | 12/4/2007 | 11/29/2007 | 12/12/2007 | 12/4/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Magnesium | NE | µg/L | 15 | 15.2 | 5.58 | 18.2 J | 20.7 | 22.6 J | 29.1 | 32 | 27.6 J |
| Manganese | 50.0 [c] | µg/L | 4.2 | 7.3 | 29.6 | 1.5 | ND (1) | 5.6 | **55.8** | 1.5 | 0.2 J |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.11 J | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nickel | 100 [b] | µg/L | 1.2 | 1.7 | 1.2 | 0.99 J | 1.3 | 2 | 1.6 | 2.9 | 1.4 |
| Nitrate (as NO3) | 45.0 [d] | mg/L | 26.255 | 29.37 | ND (0.445) | 36.49 | **71.2** | **48.95** | 13.795 | 44.5 | **62.3** |
| Perchlorate | 6.00 [b] | µg/L | 2.2 | 3.2 | ND (2) | ND (2) | 1.9 J | ND (2) | ND (2) | 2.5 | 1.5 J |
| Potassium | NE | µg/L | 4.16 J | ND (5) | 3.11 J | 5.37 J | 5.39 J | 6.66 J | 8.59 J | 5.74 | 4.13 J |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | 12.1 | ND (5) | ND (5) |
| Sodium | NE | µg/L | 37.5 | 36.1 | 78.6 | 32.3 J | 29 | 62.6 J | 89.2 | 30.2 | 53 J |
| Sulfate | 250 [c] | mg/L | 73 | 69 | 53 | 59 | 95 | 180 | **420** | 160 | 96 |
| Tetrachloroethylene | 5.00 [d] | µg/L | 0.26 J | ND (0.5) | ND (0.5) | 1.6 J | 0.87 | **6** | ND (0.5) | **11** | **5.4** |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 390 | 400 | 350 | 400 | 520 | 590 | 880 | 670 | 540 |
| Total Organic Carbon | NE | mg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.37 J | ND (0.5) | 0.43 J | 0.32 J | 0.59 |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | 0.29 J | ND (0.5) | ND (0.5) | **110** | 0.24 J | **78** | ND (0.5) | **20** | 4 |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | 8.1 | 7.8 | 5.6 | 3.4 J | 4.6 J | 4.6 J | 4.5 J | 3.4 J | 3.4 J |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 1.7 J | 2.6 | 1.5 J | 2.2 | 2.3 | 3.3 | 1.9 J | 3.4 | 4.9 |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | NH-VPB-04 | NH-VPB-05 | NH-VPB-07 | NH-VPB-08 | NH-VPB-10 | PO-C01-195 | PO-C01-354 | PO-C02-053 | PO-C02-205 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 11/28/2007 | 12/3/2007 | 11/27/2007 | 12/3/2007 | 11/28/2007 | 12/11/2007 | 12/11/2007 | 12/17/2007 | 12/17/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.42 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | 2 | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | 0.17 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 4.1 | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | 1.9 | ND (0.5) | ND (0.5) | ND (0.5) | 0.14 J | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | **0.065** | -- | 0.0037 J | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Acetone | 22000 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Alkalinity | NE | | mg/L | 210 | 270 | 450 | 440 | 200 | 200 | 260 | 180 | 190 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | 23 | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 210 | 270 | 450 | 440 | 180 | 200 | 260 | 180 | 190 |
| Antimony | 6.00 | d | µg/L | 0.18 J | 0.28 J | ND (2) | 0.19 J | ND (2) | 0.14 J | ND (2) | 0.19 J | 0.23 J |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | 0.15 J | ND (1) | 0.4 J | 0.12 J | ND (1) | ND (1) |
| Barium | 1000 | d | µg/L | 146 | 149 | 189 | 203 | ND (10) | 57.8 | 28.9 | 69.3 | 161 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Calcium | NE | | µg/L | 92.2 | 128 J | 151 | 145 J | 6.29 | 72 | 6.95 | 101 | 69.9 |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | **5.1** | ND (0.5) | 0.29 J | ND (0.5) | 0.32 J | ND (0.5) | 0.18 J | ND (0.5) |
| Chloride | NE | | mg/L | 56 | 54 | 39 | 31 | 29 | 56 | 200 | 110 | 56 |
| Chloroform | 80.0 | g | µg/L | 0.84 | 2.3 | 0.12 J | 0.81 | 0.081 J | ND (0.5) | ND (0.5) | 1.5 | ND (0.5) |
| Chloromethane | 1900 | f | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.18 J | 0.23 J |
| Chromium | 50.0 | b | µg/L | 2.5 | 4.8 | ND (2) | 2.6 | ND (2) | 2.3 | ND (2) | ND (2) | ND (2) |
| Chromium(VI) | 50.0 | * | µg/L | 1.9 | 4.4 J | 1.1 J | 2.2 J | ND (0.2) | ND (0.2) | ND (0.2) | 1.6 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | 0.11 J | ND (0.5) | ND (0.5) | ND (0.5) | 0.071 J | ND (0.5) | 0.92 | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 1.1 J | 1.3 J | 1.2 J | 0.9 J | 2.2 | 0.37 J | 0.2 J | 0.86 J | 0.28 J |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | 0.15 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | 1.2 | 0.29 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.29 | 0.4 | 0.21 | 0.28 | 0.34 | 0.3 | 1.1 | 0.24 | 0.39 |
| Iron | 300 | c | µg/L | ND (100) | ND (100) | ND (100) | ND (100) | 32.5 J | 114 | ND (100) | ND (100) | ND (100) |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | NH-VPB-04 | NH-VPB-05 | NH-VPB-07 | NH-VPB-08 | NH-VPB-10 | PO-C01-195 | PO-C01-354 | PO-C02-053 | PO-C02-205 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 11/28/2007 | 12/3/2007 | 11/27/2007 | 12/3/2007 | 11/28/2007 | 12/11/2007 | 12/11/2007 | 12/17/2007 | 12/17/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.075 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Magnesium | NE | µg/L | 17.7 | 31.1 J | 34 | 34.9 J | 10.2 | 21.4 | ND (5) | 35.1 | 24.1 |
| Manganese | 50.0 [c] | µg/L | ND (1) | 0.92 J | ND (1) | 1.7 | 9 | 14.5 | 1.9 | ND (1) | **209** |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.074 J | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nickel | 100 [b] | µg/L | 3.5 | 4.5 | 6 | 7 | 0.82 J | 0.94 J | 0.46 J | 0.85 J | 0.74 J |
| Nitrate (as NO3) | 45.0 [d] | mg/L | **48.95** | **75.65** | 39.605 | 26.7 | 0.4 J | 23.585 | ND (0.445) | **53.4** | 24.475 |
| Perchlorate | 6.00 [b] | µg/L | ND (2) | 2.5 | ND (2) | ND (2) | ND (2) | 1.9 J | ND (2) | 4.2 | 2.9 |
| Potassium | NE | µg/L | 5.48 J | 6.18 J | 8.36 J | 6.04 J | 13.4 J | ND (5) | ND (5) | ND (5) | ND (5) |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Sodium | NE | µg/L | 31.7 | 35 J | 33.2 | 34.4 J | 83.1 | 40.5 | 250 | 65.6 | 33.7 |
| Sulfate | 250 [c] | mg/L | 77 | 88 | 62 | 57 | 26 | 82 | 30 | 200 | 87 |
| Tetrachloroethylene | 5.00 [d] | µg/L | 0.085 J | 1.1 | 1.7 | 3.1 | 0.074 J | 0.75 | ND (0.5) | 1.8 J | 0.54 |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.1 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 460 | 560 | 680 | 620 | 290 | 470 | 660 | 740 | 470 |
| Total Organic Carbon | NE | mg/L | 0.26 J | 0.6 | 0.31 J | ND (0.5) | 1.6 | ND (0.5) | 0.75 | 0.68 | 0.35 J |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | ND (0.5) | **36** | 0.057 J | **11** | 0.73 | **7.7** | ND (0.5) | 1.6 J | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.42 J | ND (0.5) | 0.27 J | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | 5.3 | 3.5 J | 4.3 J | 3.2 J | ND (5) | 7.5 | ND (5) | 5.4 | 6.7 |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | 0.19 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 2.4 | 2 J | 4.7 | 1.8 J | 2.6 | 1.5 J | 2.5 | 3.7 | 1.3 J |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | PO-C03-182 | PO-C03-235 | PO-VPB-01 | PO-VPB-02 | PO-VPB-03 | PO-VPB-05 | PO-VPB-06 | PO-VPB-07 | PO-VPB-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 12/13/2007 | 12/13/2007 | 12/20/2007 | 12/11/2007 | 12/13/2007 | 12/20/2007 | 12/20/2007 | 12/13/2007 | 12/20/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | 0.076 J | 0.061 J | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | -- | ND (100) | -- | -- | -- | -- | -- |
| Acetone | 22000 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (10) | ND (5) | ND (5) | ND (5) | ND (10) | ND (5) |
| Alkalinity | NE | | mg/L | 210 | 220 | 190 | 200 | 200 | 240 | 220 | 420 | 170 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 210 | 220 | 190 | 200 | 200 | 240 | 220 | 420 | 170 |
| Antimony | 6.00 | d | µg/L | 0.3 J | 0.26 J | 0.17 J | 0.28 J | 0.18 J | ND (2) | ND (2) | 0.18 J | 0.13 J |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | 0.66 J | ND (1) | 2.7 | ND (1) | 1.4 | ND (1) |
| Barium | 1000 | d | µg/L | 56.4 | 46.6 | 63.1 | 84 | 79.2 | 54 | 42.2 | 65.4 | 136 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | 0.059 J | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Calcium | NE | | µg/L | 74 | 77.5 | 90.9 | 105 | 98 | 92.7 | 88.1 | 161 | 83.2 |
| Carbon tetrachloride | 0.50 | b | µg/L | 0.14 J | ND (0.5) | 0.25 J | ND (5) | 0.22 J | ND (0.5) | ND (0.5) | ND (5) | 0.069 J |
| Chloride | NE | | mg/L | 69 | 70 | 77.2 | 86 | 82 | 110 | 87 | 120 | 78 |
| Chloroform | 80.0 | g | µg/L | 0.79 | 0.75 | 0.6 | 1.7 J | 1.2 | ND (0.5) | ND (0.5) | 2.1 J | ND (0.5) |
| Chloromethane | 1900 | f | µg/L | 0.69 | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Chromium | 50.0 | b | µg/L | ND (2) | ND (2) | 6.9 | **422** | 3.6 | ND (2) | ND (2) | 2.5 | 5.3 |
| Chromium(VI) | 50.0 | * | µg/L | ND (0.2) | ND (0.2) | 3.2 J | **420 J** | 3.4 J | ND (0.2) | 0.29 J | 0.11 J | 4.5 J |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | 0.23 J | ND (0.5) | ND (0.5) | 0.65 J | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | 3.7 | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 0.55 J | 0.33 J | 3.1 | 0.81 J | 1.4 J | 4.1 | 1.1 J | 1.4 J | 2.5 |
| Dibromochloromethane | 80.0 | g | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | ND (0.5) | ND (0.5) | 0.19 J | ND (5) | 0.67 J | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.34 | 0.33 | 0.24 | 0.22 | 0.25 | 0.46 | 0.45 | 0.55 | 0.37 |
| Iron | 300 | c | µg/L | 230 | 138 | 169 | ND (100) | ND (100) | 16.3 J | ND (100) | ND (100) | 22.8 J |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | PO-C03-182 | PO-C03-235 | PO-VPB-01 | PO-VPB-02 | PO-VPB-03 | PO-VPB-05 | PO-VPB-06 | PO-VPB-07 | PO-VPB-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | 12/13/2007 | 12/13/2007 | 12/20/2007 | 12/11/2007 | 12/13/2007 | 12/20/2007 | 12/20/2007 | 12/13/2007 | 12/20/2007 |
| **Analyte** | **Threshold** | **Units** | | | | | | | | | |
| m,p-Xylene | 1750 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Magnesium | NE | µg/L | 25.7 | 26.2 | 30.4 | 36.1 | 34.1 | 27.3 | 25.2 | 62.1 | 28.6 |
| Manganese | 50.0 [c] | µg/L | 34.5 | 30.2 | 1.3 | ND (1) | ND (1) | 2.8 | 2.5 | 2.3 | 3.6 |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | 0.16 J | 0.62 | ND (0.5) | ND (5) | 0.089 J | 0.09 J | 0.082 J | ND (5) | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Nickel | 100 [b] | µg/L | 1.5 | 0.78 J | 11.9 | 2.2 | 0.92 J | 9 | 2.4 | 9.3 | 1.9 |
| Nitrate (as NO3) | 45.0 [d] | mg/L | 32.485 | 28.925 | 40.94 | **53.4** | **53.4** | 5.34 | 16.02 | **89** | **75.65** |
| Perchlorate | 6.00 [b] | µg/L | 2.4 | 2.9 | 3.6 | 3.6 | 3 | ND (2) | ND (2) | 4.4 | 2.9 |
| Potassium | NE | µg/L | ND (5) | ND (5) | 2.72 J | ND (5) | ND (5) | 6.92 | 4.7 J | ND (5) | 2.47 J |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) | 6.4 | 7.8 | ND (5) |
| Sodium | NE | µg/L | 57.9 | 67.4 | 38.2 | 40.5 | 45.2 | 94.7 | 86.7 | 99 | 30.8 |
| Sulfate | 250 [c] | mg/L | 120 | 130 | 136 | 150 | 150 | 170 | 180 | **260** | 77 |
| Tetrachloroethylene | 5.00 [d] | µg/L | 1.8 | 1.5 | 0.82 | **72** | **7.4** | ND (0.5) | 0.31 J | 2.7 J | ND (0.5) |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 520 | 580 | 560 | 640 | 610 | 670 | 640 | 1,100 | 490 |
| Total Organic Carbon | NE | mg/L | 0.27 J | ND (0.5) | 0.32 J | 0.68 | 0.43 J | 1 | 0.46 J | 0.56 | ND (0.5) |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | 4.1 | 1.9 | 1.2 | **160** | **12** | ND (0.5) | ND (0.5) | **150** | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | 0.081 J | 0.071 J | 0.32 J | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | 3.6 J | 3.7 J | 5.4 | ND (5) | 6.2 | 5.5 | 3.4 J | 8.2 | 7.2 |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 1.6 J | 2.5 | 1.8 J | 2.7 | 1.3 J | 2.8 | 1.4 J | 3.2 | 5.5 |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | Well Name: | | | VD-VPB-01 | VD-VPB-02 | VD-VPB-03 | VD-VPB-06 | VD-VPB-07 |
|---|---|---|---|---|---|---|---|---|
| | Sample Date: | | | 12/19/2007 | 12/19/2007 | 12/19/2007 | 12/19/2007 | 12/19/2007 |
| **Analyte** | **Threshold** | | **Units** | | | | | |
| 1,1,1-Trichloroethane | 200 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1,2-Trichloroethane | 5.00 | d | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethane | 5.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,1-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,2,3-Trichloropropane | 0.005 | a | µg/L | -- | -- | -- | -- | -- |
| 1,2-Dichloroethane | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| 1,4-Dioxane | 3.00 | a | µg/L | -- | -- | -- | -- | -- |
| Acetone | 22000 | f | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Alkalinity | NE | | mg/L | 160 | 160 | 230 | 110 | 190 |
| Alkalinity as carbonate | NE | | mg/L | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Alkalinity bicarbonate | NE | | mg/L | 160 | 160 | 230 | 110 | 190 |
| Antimony | 6.00 | d | µg/L | 0.23 J | ND (2) | 0.2 J | ND (2) | 0.27 J |
| Arsenic | 10.0 | d | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Barium | 1000 | d | µg/L | 92.2 | 97.3 | 167 | 120 | 50.8 |
| Benzene | 1.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Calcium | NE | | µg/L | 96.6 | 90.8 | 128 | 65.4 | 69.7 |
| Carbon tetrachloride | 0.50 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Chloride | NE | | mg/L | 89 | 98 | 130 | 82 | 43 J |
| Chloroform | 80.0 | g | µg/L | 1.8 | 1.1 | ND (0.5) | 3.4 | 1 |
| Chloromethane | 1900 | f | µg/L | ND (0.5) | 0.071 J | ND (0.5) | ND (0.5) | ND (0.5) |
| Chromium | 50.0 | b | µg/L | ND (2) | ND (2) | 4.6 | ND (2) | ND (2) |
| Chromium(VI) | 50.0 | * | µg/L | 0.15 J | 0.2 J | ND (0.2) | 0.14 J | ND (0.2) |
| cis-1,2-Dichloroethene | 6.00 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| cis-1,3-Dichloropropene | NE | | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Cobalt | 11.0 | f | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| Copper | 1300 | e | µg/L | 3.6 | 2.9 | 0.82 J | 2.8 | 7.3 |
| Dibromochloromethane | 80.0 | g | µg/L | 0.056 J | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Dichlorodifluoromethane | NE | | µg/L | 2.3 | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Fluoride | 2.00 | b | mg/L | 0.16 | 0.08 J | 0.21 | 0.15 | 0.21 |
| Iron | 300 | c | µg/L | **354** | 6.6 J | 21 J | 7.3 J | 55 J |
| Lead | 15.0 | e | µg/L | ND (1) | ND (1) | ND (1) | ND (1) | ND (1) |
| m,p-Xylene | 1750 | b | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2007
*San Fernando Valley Superfund Sites - Groundwater Monitoring Program*

| | **Well Name:** | | **VD-VPB-01** | **VD-VPB-02** | **VD-VPB-03** | **VD-VPB-06** | **VD-VPB-07** |
|---|---|---|---|---|---|---|---|
| | **Sample Date:** | | **12/19/2007** | **12/19/2007** | **12/19/2007** | **12/19/2007** | **12/19/2007** |
| **Analyte** | **Threshold** | **Units** | | | | | |
| Magnesium | NE | µg/L | 32.1 | 35.6 | 44.9 | 27.1 | 25.1 |
| Manganese | 50.0 [c] | µg/L | 1.6 | ND (1) | ND (1) | 2 | 8.2 |
| Methyl tert-butyl ether | 13.0 [b] | µg/L | 0.67 | 0.11 J | ND (0.5) | 0.054 J | ND (0.5) |
| Methylene chloride | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Nickel | 100 [b] | µg/L | 0.92 J | 2.1 | 4.6 | 8.7 | 2.6 |
| Nitrate (as NO3) | 45.0 [d] | mg/L | **48.95** | **57.85** | 23.14 | 37.38 | 11.57 |
| Perchlorate | 6.00 [b] | µg/L | 3.1 | 2.7 | 1.8 J | 2 J | ND (2) |
| Potassium | NE | µg/L | 3.2 J | 2.66 J | 4.11 J | 3.37 J | 2.88 J |
| Selenium | 50.0 [d] | µg/L | ND (5) | ND (5) | ND (5) | ND (5) | ND (5) |
| Sodium | NE | µg/L | 33 | 42.5 | 52.4 | 49 | 27.9 |
| Sulfate | 250 [c] | mg/L | 140 | 140 | 220 | 150 | 97 |
| Tetrachloroethylene | 5.00 [d] | µg/L | 2.4 | 2.9 | 0.11 J | 0.46 J | ND (0.5) |
| Toluene | 150 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Total Dissolved Solids | NE | mg/L | 580 | 620 | 790 | 510 | 430 |
| Total Organic Carbon | NE | mg/L | 0.43 J | 0.46 J | 0.58 | 0.48 J | 0.37 J |
| trans-1,2-Dichloroethene | 10.0 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichloroethylene | 5.00 [d] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Trichlorofluoromethane | NE | µg/L | ND (0.5) | 0.093 J | ND (0.5) | ND (0.5) | ND (0.5) |
| Vanadium | 50.0 [d] | µg/L | 3.5 J | 5.2 | 2.6 J | 4.6 J | 3.2 J |
| Vinyl chloride | 0.50 [b] | µg/L | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) | ND (0.5) |
| Zinc | 5000 [c] | µg/L | 2.3 | 2.6 | 1.1 J | 1.9 J | 6.5 |

Notes:

NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.

E = Concentration exceeds upper level of instrument calibration range
J = Approximate concentration

[a] California Department of Public Health Notification Level based on toxicity to human beings, previously known as "action levels"

[b] California EPA Department of Public Health Primary Maximum Concentration Level

[c] California EPA Department of Public Health Secondary Maximum Concentration Level

[d] Federal EPA Maximum Contaminant Level and California EPA Department of Public Health Primary Maximum Concentration Level

[e] Contaminant level at which water treatment or other requirements are triggered.

[f] Regional Screening Level (RSL), Tap Water, April 2009

[g] MCL is for Total Trihalomethanes (sum of chloroform, bromodichloromethane, dibromochloromethane, and bromoform)

* Chromium(VI): MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Federal or Cal EPA Primary MCL or, in order of preference and availability, Cal DPH Action Level, Cal DPH Secondary MCL, and EPA RSL