# Table 2

## Well Completion Information for Aquifer Test Pumping Wells and Monitoring Wells

Newmark Groundwater Superfund Site - San Bernardino, California

| Well Name | Well Design | Surface or Casing Elevation (ft MSL) | Screen Interval(s) | | Interpreted Hydrostratigraphic Unit Designation[4] | Well Operator |
|---|---|---|---|---|---|---|
| | | | Depth (feet bgs) | Elevation (feet above MSL) | | |
| **Aquifer Testing Pumping Wells** | | | | | | |
| EW-1 [2] | Extraction | 1093.90 | 600 - 990 | 494 - 104 | Newmark LWBM | SBMWD |
| EW-2 [2] | Extraction | 1091.70 | 500 - 870 | 592 - 222 | Newmark LWBM | |
| EW-3 [3] | Extraction | 1090.22 | 240 - 280 | 850 - 810 | Newmark UWBM | |
| | | | 320 - 400 | 770 - 690 | Newmark UWBM | |
| | | | 500 - 800 | 590 - 290 | Newmark LWBM | |
| EW-4 [2] | Extraction | 1086.27 | 490 - 980 | 596 - 106 | Newmark LWBM | |
| EW-5 [2] | Extraction | 1083.27 | 400 - 930 | 683 - 153 | Newmark LWBM | |
| EW-108 | Extraction | 1119.26 | 510 - 590 | 609 - 529 | Newmark LWBM | |
| | | | 670 - 1000 | 449 - 119 | Newmark LWBM | |
| EW-112 | Extraction | 1181.79 | 280 - 740 | 902 - 442 | Muscoy | |
| | | | 800 - 890 | 382 - 292 | Muscoy | |
| 10th & J Street | Production | 1065.10 | 280 - 1160 | 785 - -95 | Muscoy | |
| 9th Street | Production | 1121.00 | 270 - 830 | 851 - 291 | Muscoy | SBVMWD |
| | | | 850 - 970 | 271 - 151 | Muscoy | |
| | | | 1000 - 1030 | 121 - 91 | Muscoy | |
| Perris | Production | 1110.00 | 240 - 640 | 870 - 470 | Muscoy | |
| | | | 690 - 950 | 420 - 160 | Muscoy | |
| WD #15 [1] | Production | 1090.00 | 140 - 1015 | 950 - 75 | NA | WSBCWD |
| **Newmark Groundwater Contamination Superfund Remedial Action Monitoring Wells:** | | | | | | |
| EW-1 PA | Piezometer | 1093.90 | 380 - 400 | 714 - 694 | Newmark MCM | EPA |
| EW-1 PB | | | 980 - 1000 | 114 - 94 | Newmark LWBM | |
| EW-2 PA | Piezometer | 1091.70 | 230 - 250 | 862 - 842 | Newmark UWBM | |
| EW-2 PB | | | 880 - 900 | 212 - 192 | Newmark LWBM | |
| EW-3 PA | Piezometer | 1090.22 | 230 - 250 | 860 - 840 | Newmark UWBM | |
| EW-3 PB | | | 760 - 780 | 330 - 310 | Newmark LWBM | |
| EW-4 PA | Piezometer | 1086.27 | 310 - 330 | 776 - 756 | Newmark UWBM | |
| EW-4 PB | | | 980 - 1000 | 106 - 86 | Newmark LWBM | |
| EW-5 PA | Piezometer | 1083.27 | 230 - 250 | 853 - 833 | Newmark UWBM | |
| EW-5 PB | | | 880 - 900 | 203 - 183 | Newmark LWBM | |
| EW-108 PA | Piezometer | 1119.26 | 370 - 390 | 749 - 729 | Newmark UWBM or Muscoy(?) | |
| EW-108 PB | | | 740 - 760 | 379 - 359 | Newmark LWBM | |
| EW-112 PA | Piezometer | 1181.79 | 300 - 320 | 882 - 862 | Muscoy | |
| EW-112 PB | | | 660 - 680 | 522 - 502 | Muscoy | |
| MW-10A | Monitoring | 1127.42 | 350 - 380 | 777 - 747 | Newmark UWBM | |
| MW-10B | | | 490 - 520 | 637 - 607 | Newmark LWBM | |
| MW-10C | | | 750 - 780 | 377 - 347 | Newmark LWBM | |
| MW-11A | Monitoring | 1100.52 | 500 - 530 | 601 - 571 | Newmark LWBM | |
| MW-11B | | | 770 - 800 | 331 - 301 | Newmark LWBM | |
| MW-11C | | | 1070 - 1100 | 31 - 1 | Newmark LWBM | |

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## Well Completion Information for Aquifer Test Pumping Wells and Monitoring Wells

Newmark Groundwater Superfund Site - San Bernardino, California

| Well Name | Well Design | Surface or Casing Elevation (ft MSL) | Screen Interval(s) | | Interpreted Hydrostratigraphic Unit Designation[4] | Well Operator |
|---|---|---|---|---|---|---|
| | | | Depth (feet bgs) | Elevation (feet above MSL) | | |
| **Newmark Groundwater Contamination Superfund Remedial Action Monitoring Wells:** | | | | | | |
| MW-12A | Monitoring | 1088.51 | 240 - 270 | 849 - 819 | Newmark UWBM | EPA |
| MW-12B | | | 670 - 700 | 419 - 389 | Newmark LWBM | |
| MW-12C | | | 1040 - 1070 | 49 - 19 | Newmark LWBM | |
| MW-13A | Monitoring | 1078.36 | 365 - 395 | 713 - 683 | Newmark UWBM | |
| MW-13B | | | 525 - 555 | 553 - 523 | Newmark LWBM | |
| MW-13C | | | 815 - 845 | 263 - 233 | Newmark LWBM | |
| MW-14A | Monitoring | 1075.73 | 270 - 300 | 806 - 776 | Newmark UWBM | |
| MW-14B | | | 570 - 600 | 506 - 476 | Newmark LWBM | |
| MW-14C | | | 1060 - 1070 | 16 - 6 | Newmark LWBM | |
| MW-15A | Monitoring | 1069.38 | 520 - 550 | 549 - 519 | Newmark LWBM | |
| MW-15B | | | 690 - 720 | 379 - 349 | Newmark LWBM | |
| MW-15C | | | 1020 - 1050 | 49 - 19 | Newmark LWBM | |
| MW-128A | Monitoring | 1215.04 | 410 - 440 | 805 - 775 | Muscoy | |
| MW-128B | | | 690 - 720 | 525 - 495 | Muscoy | |
| MW-128C | | | 860 - 890 | 355 - 325 | Muscoy | |
| MW-129A | Monitoring | 1199.32 | 443 - 473 | 756 - 726 | Muscoy | |
| MW-129B | | | 730 - 760 | 469 - 439 | Muscoy | |
| MW-129C | | | 851 - 881 | 348 - 318 | Muscoy | |
| MW-130A | Monitoring | 1175.22 | 340 - 370 | 835 - 805 | Muscoy (?) | |
| MW-130B | | | 550 - 580 | 625 - 595 | Muscoy (?) | |
| MW-130C | | | 890 - 920 | 285 - 255 | Newmark LWBM (?) | |
| MW-135A | Monitoring | 1111.28 | 360 - 380 | 751 - 731 | Muscoy | |
| MW-135B | | | 620 - 640 | 491 - 471 | Muscoy | |
| MW-135C | | | 842 - 862 | 269 - 249 | Newmark LWBM (?) | |
| MW-136A | Monitoring | 1121.67 | 420 - 440 | 702 - 682 | Muscoy | |
| MW-136B | | | 500 - 520 | 622 - 602 | Muscoy | |
| MW-136C | | | 730 - 750 | 392 - 372 | Muscoy | |
| MW-137A | Monitoring | 1144.05 | 330 - 350 | 814 - 794 | Muscoy | |
| MW-137B | | | 520 - 540 | 624 - 604 | Muscoy | |
| MW-137C | | | 790 - 810 | 354 - 334 | Muscoy | |
| MW-138A | Monitoring | 1156.87 | 320 - 340 | 837 - 817 | Muscoy | |
| MW-138B | | | 550 - 570 | 607 - 587 | Muscoy | |
| MW-138C | | | 960 - 980 | 197 - 177 | Muscoy | |
| MW-139A | Monitoring | 1168.76 | 360 - 380 | 809 - 789 | Muscoy | |
| MW-139B | | | 540 - 560 | 629 - 609 | Muscoy | |
| MW-139C | | | 795 - 855 | 374 - 314 | Muscoy | |

# Table 2

## Well Completion Information for Aquifer Test Pumping Wells and Monitoring Wells

Newmark Groundwater Superfund Site - San Bernardino, California

| Well Name | Well Design | Surface or Casing Elevation (ft MSL) | Screen Interval(s) | | Interpreted Hydrostratigraphic Unit Designation[4] | Well Operator |
|---|---|---|---|---|---|---|
| | | | Depth (feet bgs) | Elevation (feet above MSL) | | |
| **SBMWD Observation Wells:** | | | | | | |
| Antil #1[1] | Old Production | 1005.00 | NA | NA | NA | SBMWD |
| Baseline & California (MUNI 102) | Production | 1185.56 | 350 - 1050 | 836 - 136 | Muscoy | |
| Gilbert Street (MUNI 24) | Production | 1123.33 | 480 - 603 | 643 - 520 | Newmark | |
| | | | 625 - 685 | 498 - 438 | Newmark | |
| Olive & Garner (MUNI 101) | Production | 1130.00 | 350 - 1050 | 780 - 80 | Muscoy | SBMWD |
| 7th Street | Production | 1056.48 | 552 - 830 | 504 - 226 | Newmark LWBM | |
| | | | 861 - 938 | 195 - 118 | Newmark LWBM | |
| 10th & J Street | Production | 1065.10 | 280 - 1160 | 785 - -95 | Muscoy | |
| 11th & E Street | Production | NA | NA | NA | NA | |
| 16th Street (MUNI 22) | Old Production | 1082.57 | 490 - 680 | 593 - 403 | Newmark LWBM | |
| 19th Street #2 (MUNI 104B) | Production | 1236.25 | 470 - 512 | 766 - 724 | Muscoy | |
| | | | 554 - 563 | 682 - 673 | Muscoy | |
| | | | 575 - 611 | 661 - 625 | Muscoy | |
| | | | 646 - 658 | 590 - 578 | Muscoy | |
| **Other Observation Wells:** | | | | | | |
| Garner Park-A[1] | Multi-level Monitoring | 1120.00 | 160 - 174 | 960 - 946 | Muscoy | USGS |
| Garner Park-B[1] | | | 241 - 256 | 879 - 864 | Muscoy | |
| Garner Park-C[1] | | | 536 - 550 | 584 - 570 | Muscoy | |
| Meadowbrook Park-A[1] | Multi-level Monitoring | 1015.00 | 100 - 120 | 915 - 895 | Newmark UWBM | |
| Meadowbrook Park-B[1] | | | 300 - 320 | 715 - 695 | Newmark UWBM | |
| Meadowbrook Park-C[1] | | | 680 - 700 | 335 - 315 | Newmark LWBM | |
| Sierra High School-A[1] | Multi-level Monitoring | 1077.00 | 170 - 190 | 907 - 887 | Newmark (?)WBM | |
| Sierra High School-B[1] | | | 340 - 400 | 737 - 677 | Newmark (?)WBM | |
| Sierra High School-C[1] | | | 520 - 530 | 557 - 547 | Newmark (?)WBM | |
| Rialto #4 | Production | NA | NA | NA | NA | City of Railto |
| Rialto #5 | Production | NA | NA | NA | NA | |

**Notes:**

NA - not available

(1) - Casing Elevation estimated from map coverage.

(2) - The lower 200 feet of extraction wells EW-1, EW-2, EW-4 and EW-5 were backfilled with gravel. The Screen interval listed is the effective screen interval and excludes the backfilled interval.

(3) - A packer is installed in EW-3 between the second and third screen interval. Therefore the effective screen interval is 500 to 800 feet bgs (590 to 290 feet above MSL)

(4) Hydrostratigraphic designiations are discussed in Section 2.2. UWBM = upper water bearing Member, MCM = middle confining Unit, LWBM = lower water bearing member