

Table S1. List of the 7 USGS multiple-depth monitoring-well sites and 6 domestic wells where water-quality samples were collected in San Diego County, California.

[Well depth and perforated interval given in meters below land surface datum; altitude of land surface given in meters which refers to the North American Vertical Datum of 1988 (NAVD 88); -, no data]

| Common well name                          | Station name | Altitude | Well depth | Perforated interval |        |
|---|--------------|----------|------------|---------------------|--------|
|   |              |          |            | top                 | bottom |
| UGSS multiple-depth monitoring-well sites |              |          |            |                     |        |
| SDOT1                                     | 18S/2W-22E3  | 7.2      | 467.9      | 443.5               | 455.7  |
| SDOT2                                     | 18S/2W-22E4  | 7.2      | 283.5      | 277.4               | 283.5  |
| SDOT3                                     | 18S/2W-22E5  | 7.2      | 170.7      | 164.6               | 170.7  |
| SDOT4                                     | 18S/2W-22E6  | 7.2      | 71.6       | 65.5                | 71.6   |
| SDOT5                                     | 18S/2W-22E7  | 7.2      | 19.8       | 13.7                | 19.8   |
| SDOR1                                     | 18S/2W-23G2  | 21.6     | 445.0      | 432.8               | 445.0  |
| SDOR2                                     | 18S/2W-23G3  | 21.6     | 295.7      | 289.6               | 295.7  |
| SDOR3                                     | 18S/2W-23G4  | 21.6     | 173.7      | 167.6               | 173.7  |
| SDOR5                                     | 18S/2W-23G6  | 21.6     | 27.4       | 21.3                | 27.4   |
| SDCC1                                     | 18S/2W-11P1  | 44.8     | 518.2      | 506.0               | 518.2  |
| SDCC2                                     | 18S/2W-11P2  | 44.8     | 411.5      | 405.4               | 411.5  |
| SDCC3                                     | 18S/2W-11P3  | 44.8     | 326.1      | 320.0               | 326.1  |
| SDCC4                                     | 18S/2W-11P4  | 44.8     | 189.0      | 182.9               | 189.0  |
| SDCC5                                     | 18S/2W-11P5  | 44.8     | 115.8      | 109.7               | 115.8  |
| SDCC6                                     | 18S/2W-11P6  | 44.8     | 51.8       | 39.6                | 51.8   |
| SDMC1                                     | 17S/2W-33D1  | 7.2      | 451.1      | 438.9               | 451.1  |
| SDMC2                                     | 17S/2W-33D2  | 7.2      | 341.4      | 335.3               | 341.4  |
| SDMC3                                     | 17S/2W-33D3  | 7.2      | 219.5      | 213.4               | 219.5  |
| SDMC4                                     | 17S/2W-33D4  | 7.2      | 85.3       | 79.2                | 85.3   |
| SDMC5                                     | 17S/2W-33D5  | 7.2      | 22.9       | 10.7                | 22.9   |
| SDSW1                                     | 17S/2W-28R4  | 5.3      | 606.6      | 551.7               | 563.9  |
| SDSW2                                     | 17S/2W-28R5  | 5.3      | 402.3      | 396.2               | 402.3  |
| SDSW3                                     | 17S/2W-28R6  | 5.3      | 298.7      | 292.6               | 298.7  |
| SDSW4                                     | 17S/2W-28R7  | 5.3      | 170.7      | 164.6               | 170.7  |
| SDSW5                                     | 17S/2W-28R8  | 5.3      | 57.9       | 51.8                | 57.9   |
| SDSW6                                     | 17S/2W-28R9  | 5.3      | 19.8       | 13.7                | 19.8   |
| SDNB1                                     | 17S/2W-20F1  | 3.7      | 457.2      | 445.0               | 457.2  |
| SDNB2                                     | 17S/2W-20F2  | 3.7      | 207.3      | 201.2               | 207.3  |
| SDNB3                                     | 17S/2W-20F3  | 3.7      | 61.0       | 54.9                | 61.0   |
| SDNB4                                     | 17S/2W-20F4  | 3.7      | 25.9       | 24.4                | 25.9   |
| SDNB5                                     | 17S/2W-20F5  | 3.7      | 7.6        | 6.1                 | 7.6    |
| SDEP1                                     | 17S/2W-16Q9  | 33.2     | 396.2      | 384.0               | 396.2  |
| SDEP2                                     | 17S/2W-16Q10 | 33.2     | 292.6      | 280.4               | 292.6  |
| SDEP3                                     | 17S/2W-16Q11 | 33.2     | 231.6      | 225.6               | 231.6  |
| SDEP4                                     | 17S/2W-16Q12 | 33.2     | 131.1      | 125.0               | 131.1  |
| SDEP5                                     | 17S/2W-16Q13 | 33.2     | 51.8       | 45.7                | 51.8   |
| Domestic wells                            |              |          |            |                     |        |

|       |             |       |       |   |   |
|-------|-------------|-------|-------|---|---|
| PPTT  | 17S/1E-35E1 | 198.1 | 91.4  | - | - |
| SMWC1 | 17S/3E-29M1 | 749.8 | 365.8 | - | - |
| SMWC2 | 17S/3E-29F1 | 707.1 | 121.9 | - | - |
| DJRV  | 17S/2E-6B2  | 524.3 | 365.8 | - | - |
| SRVP  | 16S/2E-33Q1 | 746.8 | 243.8 | - | - |
| DESD  | 16S/1E-14G1 | 161.5 | 31.4  | - | - |

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