

Quarterly TTHM Report for Disinfection Byproducts Compliance Based on Flow-Weighted Averages (in µg/L or ppb)

System Name: Antelope Valley-East Kern Water Agency System No.: 1910045 Year: 2007 Quarter: 4th

| Year: | | 2003 | | | | 2004 | | | | 2005 | | | | 2006 | | | | 2007 | | | |
|-------------------------------------|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Quarter: | | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |
| Sample Date (month/date): | | 3/27 | 6/11 | 9/11 | 12/17 | 3/18 | 6/10 | 9/16 | 12/16 | 4/21 | 6/16 | 9/15 | 12/15 | 3/23 | 6/15 | 9/21 | 12/22 | 3/15 | 6/21 | 9/21 | 12/20 |
| Facility 1 | Site 1 | 79.9 | 88.7 | 58.6 | 98.1 | 91.1 | 95.5 | 83.0 | 115.0 | 53.9 | 45.4 | 68.8 | 80.3 | 37.4 | 39.7 | 16.5 | 40.1 | 42.6 | 58 | 80 | 79 |
| | Site 2 | 43.1 | 51.4 | 33.8 | 53.5 | 71.1 | 68.5 | 56.8 | 88.7 | 35.7 | 34.2 | 50.0 | 48.4 | 17.8 | 31.5 | 15.2 | 16.9 | 32.0 | 47 | 60 | 50 |
| | Site 3 | 40.2 | 44.5 | 28.1 | 41.5 | 64.4 | 53.3 | 52.2 | 69.6 | 26.9 | 26.5 | 37.5 | 32.2 | 14.2 | 20.7 | 14.9 | 15.1 | 24.8 | 42 | 48 | 44 |
| | Site 4 | 43.4 | 45.3 | 29.4 | 42.0 | 72.3 | 53.7 | 57.1 | 70.3 | 29.6 | 28.5 | 41.8 | 36.7 | 16.7 | 26.0 | 24.1 | 29.3 | 43.4 | 47 | 54 | 44 |
| | Quarterly Average | 51.7 | 57.5 | 37.5 | 58.8 | 74.7 | 67.8 | 62.3 | 85.9 | 36.5 | 33.7 | 49.5 | 49.4 | 21.5 | 29.5 | 17.7 | 25.4 | 35.7 | 48.5 | 60.5 | 54.3 |
| Facility 2 | Site 5 | 48.4 | 40.3 | 32.0 | 49.2 | 63.6 | 56.2 | 57.0 | 113.9 | 33.3 | 31.7 | 51.2 | 83.8 | 25.0 | 23.5 | 26.5 | 42.4 | 59.1 | 47 | 63 | 45 |
| | Site 6 | 49.5 | 46.3 | 38.3 | 59.3 | 81.0 | 70.5 | 63.7 | 99.9 | 31.3 | 39.6 | 47.3 | 68.5 | 31.2 | 26.4 | 28.2 | 47.7 | 52.5 | 51 | 76 | 51 |
| | Site 7 | 56.4 | 53.0 | 51.8 | 64.7 | 94.1 | 87.0 | 80.8 | 105.5 | 43.3 | 37.5 | 59.7 | 102.7 | 38.1 | 37.2 | 35.0 | 60.2 | 80.1 | 64 | 84 | 48 |
| | Site 8 | 65.9 | 51.6 | 46.2 | 64.1 | 91.7 | 76.7 | 79.0 | 98.7 | 43.0 | 57.3 | 55.5 | 90.7 | 35.2 | 37.4 | 37.6 | 54.2 | 77.7 | 60 | 101 | 59 |
| | Quarterly Average | 55.1 | 47.8 | 42.1 | 59.3 | 82.6 | 72.6 | 70.1 | 104.5 | 37.7 | 41.5 | 53.4 | 86.4 | 32.4 | 31.1 | 31.8 | 51.1 | 67.4 | 55.5 | 81.0 | 50.8 |
| Facility 3 | Site 9 | 66.9 | 67.8 | 53.6 | 84.2 | 87.1 | 107.7 | 80.0 | 95.1 | 50.9 | 67.6 | 81.5 | 75.6 | 44.5 | 56.2 | 63.5 | 66.1 | 116.0 | 84 | 109 | off |
| | Site 10 | 71.8 | 71.2 | 54.0 | 82.6 | 86.9 | 94.4 | 77.8 | 97.6 | 54.0 | 59.3 | 77.7 | 82.6 | 44.1 | 55.9 | 68.5 | 67.0 | 119.0 | 86 | 99 | off |
| | Site 11 | 56.1 | 75.9 | 45.6 | 69.4 | 81.0 | 79.7 | 66.9 | 63.3 | 48.7 | 53.4 | 64.9 | 73.7 | 33.9 | 45.6 | 51.2 | 65.3 | 96.5 | 68 | 92 | off |
| | Site 12 | 56.7 | 81.3 | n/s | 68.9 | 82.9 | 86.6 | 65.1 | 63.6 | 49.0 | 51.6 | 72.2 | 68.7 | 34.9 | 45.6 | 53.6 | 66.0 | 101.0 | 76 | 93 | off |
| | Quarterly Average | 62.9 | 74.0 | 51.1 | 76.3 | 84.5 | 92.1 | 72.5 | 79.9 | 50.7 | 58.0 | 74.1 | 75.2 | 39.4 | 50.8 | 59.2 | 66.1 | 108.1 | 78.5 | 98.3 | off |
| System-Wide Quarterly Weighted Ave. | | 52.9 | 56.5 | 38.4 | 59.4 | 75.7 | 69.2 | 63.5 | 87.2 | 37.3 | 34.9 | 50.3 | 52.4 | 22.4 | 30.1 | 20.1 | 27.8 | 39.4 | 49.6 | 63.2 | 54.0 |
| System-Wide Running Annual Ave. | | | | | 51.8 | 57.5 | 60.7 | 66.9 | 73.9 | 64.3 | 55.7 | 52.4 | 43.7 | 40.0 | 38.8 | 31.2 | 25.1 | 29.3 | 34.2 | 45.0 | 51.5 |
| Meets Standard* (check box) | | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> |
| Number of Samples Taken | | 12 | 12 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 8 |

Identify the treatment facility and associated sample locations in the table below. For systems using weighted averages to calculate system-wide quarterly averages (in accordance with an approved monitoring plan), the fraction of flow for each treatment facility should be reported in the box provided following each treatment facility name.

| Facility 1: Quartz Hill | | 0.88 | Facility 2: Eastside | | 0.11 | Facility 3: Acton | | 0.00 |
|-------------------------|-----------------|-------------------------|----------------------|----------------------|-------------------------|-------------------|-------------|-------------------------|
| Site | Location | <i>fraction of flow</i> | Site | Location | <i>fraction of flow</i> | Site | Location | <i>fraction of flow</i> |
| 1 | LVAV | | 5 | E. 116th St. | | 9 | Vincent 1 | |
| 2 | Ave. M/ 5th St. | | 6 | Ave. R/ 110th St. E. | | 10 | Vincent 2 | |
| 3 | QHWD | | 7 | E. 177th St. | | 11 | Acton TWS 1 | |
| 4 | Ave. L-12/ 60th | | 8 | E. 165th St. | | 12 | Acton TWS 2 | |

Signature _____ Date 18-Jan-08

Comments: The fraction of flow for each treatment facility is calculated quarterly based upon actual flow: 9/22-12/22/07: Quartz Hill 2059 MG (0.902), Eastside 224.4 MG (0.098), Acton plant off. Sample 4 on 12/22/07 was M-11/60th, nearest turn-out to L-12/60th which was out of service.