State of California
Drinking Water Program

Department of Public Health

Quarterly HAA5 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: 2010 Quarter: 4th

	Year:	2006				2007				2008				2009				2010			
	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):	3/23	6/15	9/21	12/21	3/15	6/21	9/21	12/20	3/20	6/19	9/18	12/15	3/19	6/18	9/17	12/17	3/18	6/17	9/16	12/16
Facility 1	Site 1	27.8	24.2	24.3	24.1	35.0	16	18	15	16	12	11	6.9	9.2	20	26	11	10	13	16	16
	Site 2	17.6	19.6	22.1	17.2	26.7	12	14	7.4	16	7.2	5.8	12.0	8.0	16	9.1	6.0	9.3	7.2	6.8	6.2
	Site 3	15.5	17.4	16.3	14.9	23.4	11	12	7.6	8	5.8	3.5	7.1	21	13	7.9	6.0	4.9	8.0	5.9	5.6
	Site 4	15.8	17.3	15.3	16.1	22.6	11	12	8.1	17	7.4	4.6	9.7	15	14	4.9	5.6	4.1	6.6	6.0	6.4
	Quarterly Average	19.2	19.6	19.5	18.1	26.9	12.5	14.0	9.5	14.2	8.1	6.2	8.9	13.3	15.8	12.0	7.2	7.1	8.7	8.7	8.6
Facility 2	Site 5	17.8	15.6	15.4	15.5	27.2	13	14	8.6	3.4	5.1	ND	1.9	off	13	13	4.4	5.4	15	12	8.2
	Site 6	32.4	17.7	17.6	16.9	31.3	14	17	7.4	4.0	7.1	4.1	6.3	off	16	14	4.8	5.6	16	11	9.2
	Site 7	26.1	20.9	20.3	19.5	32.5	1.2	19.0	7.8	2.7	11	4.8	7.3	off	24	14	6.3	1.7	19	15	6.9
	Site 8	22.1	20.9	20.2	18.0	34.2	16	17	11	3.7	12	5.2	6.8	off	16	16	5.5	7.9	20	15	12
	Quarterly Average	24.6	18.8	18.4	17.5	31.3	11.1	16.8	8.7	3.5	8.8	3.5	5.6	off	17.3	14.3	5.3	5.2	17.5	13.3	9.1
Facility 3	Site 9	28.8	31.7	27.5	27.2	56.3	20	21	off	off	3.9	6.7	off	off	15	13	off	off	23	15	12
	Site 10	30.5	28.1	30.4	24.7	59.6	20	22	off	off	3.7	6.5	off	off	15	13	off	off	24	15	13
	Site 11	23.2	22.6	28.8	22.2	50.6	18	18	off	off	3.3	4.6	off	off	13	8.6	off	off	13	11	6.2
	Site 12	22.5	23.1	26.7	22.7	50.9	18	18	off	off	3.4	5.0	off	off	14	8.6	off	off	9.0	11	6.1
	Quarterly Average	26.3	26.4	28.4	24.2	54.4	19.0	19.8	off	off	3.6	5.7	off	off	14.3	10.8	off	off	17.3	13.0	9.3
System-Wide Quarterly Weighted		19.6	19.7	19.5	18.1	27.7	12.4	14.4	9.4	13.2	8.1	5.9	7.9	13.3	15.9	12.2	7.0	7.0	9.3	9.1	8.6
System-Wide Running Annual Ave.		21.1	19.0	19.8	19.2	21.3	19.4	18.1	16.0	12.3	11.3	9.2	8.8	8.8	10.8	12.3	12.1	10.5	8.9	8.1	8.5
Meets Standard (check box)		Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐	Yes ☑ No ☐
Number of Samples Taken		12	12	12	12	12	12	12	8	8	12	12	8	4	12	12	8	8	12	12	12

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		0.92	Facility 2: Eastside		0.06	Facility 3: Acton		0.02
Site	Location	fraction of flow	Site	Location	fraction of flow	Site	Location	fraction of flow
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

1.4.11
Date

*If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.

Current Year Comments: The fraction of flow for each treatment facility is calculated quarterly based upon actual flow: 9/16/10 - 12/16/10: Quartz Hill 3156.17MG (0.925), Eastside 195.4MG (0.057). Acton 61.8MG (0.018).