

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: 2009 Quarter: 4th

Year:		2005				2006				2007				2008				2009			
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):		4/21	6/16	9/15	12/15	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
Facility 1	Site 1	50.7	30.2	19.8	27.6	27.8	24.2	24.3	24.1	35.0	16	18	15	16	12	11	6.9	9.2	20	26	11
	Site 2	32.6	29.4	16.5	18.7	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
	Site 3	30.0	26.3	12.8	16.2	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
	Site 4	29.4	26.5	14.3	16.8	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
	Quarterly Average	35.7	28.1	15.9	19.8	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
Facility 2	Site 5	30.8	23.1	19.1	24.8	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
	Site 6	32.2	26.6	17.8	25.2	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
	Site 7	40.0	31.2	21.5	23.2	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
	Site 8	40.6	30.1	19.0	25.5	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
	Quarterly Average	35.9	27.8	19.4	24.7	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
Facility 3	Site 9	58.7	35.3	26.2	27.8	28.8	31.7	27.5	27.2	56.3	20	21	off	off	3.9	6.7	off	off	15	13	off
	Site 10	59.6	36.7	26.9	27.1	30.5	28.1	30.4	24.7	59.6	20	22	off	off	3.7	6.5	off	off	15	13	off
	Site 11	53.5	32.7	23.9	25.7	23.2	22.6	28.8	22.2	50.6	18	18	off	off	3.3	4.6	off	off	13	8.6	off
	Site 12	48.4	30.1	23.6	25.9	22.5	23.1	26.7	22.7	50.9	18	18	off	off	3.4	5.0	off	off	14	8.6	off
	Quarterly Average	55.1	33.7	25.2	26.6	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
System-Wide Quarterly Weighted		36.7	28.2	16.4	20.3	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
System-Wide Running Annual Ave.		27.6	26.9	26.3	25.4	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
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	12	12	12	12	12	12	12	12	12	8	8	12	11	8	4	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		0.90	Facility 2: Eastside		0.09	Facility 3: Acton		0.01
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 _____

*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: 9/17/09 - 12/17/09: Quartz Hill 3117.1MG (0.900), Eastside 321.5MG (0.093), Acton 26.4MG (0.008). Acton WTP off line for winter beginning 12-3-09.