



South Coast

Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182

(909) 396-2000 • www.aqmd.gov

Air Quality Monitoring Data for Hexavalent Chromium in Western Riverside and San Bernardino Counties

2/12/08 - 7/29/08

The following table includes the latest validated PM hexavalent chromium data from the AQMD air monitoring study in Western Riverside and San Bernardino Counties. This table will be updated periodically as new validated data is produced. A map is also included showing the locations of the monitoring sites. Sites 8 and 10 were added to provide additional measurements in the Crestmore Heights neighborhood. The sampling device previously located at Site 3 was moved to Site 7 on 4/15/08. Installation of sites 9 and 11 are pending.

WESTERN RIVERSIDE HEXAVALENT CHROMIUM SAMPLING RESULTS

24-hour Cr⁶⁺ concentrations in nanograms per cubic meter (ng/m³) by CARB method 039

Sample Date	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11
6/11/2008	0.58	0.06		0.09	0.06	NS	0.10			0.03	
6/12/2008	0.75										
6/13/2008	0.71										
6/14/2008	0.52	0.13		0.16	0.07	NS	0.17			0.26	
6/15/2008	0.53										
6/16/2008	1.04										
6/17/2008	1.14	0.49		0.40	0.16	NS	0.32			0.29	
6/18/2008	1.59										
6/19/2008	1.57										
6/20/2008	1.43	0.20		0.26	0.11	NS	0.54	0.24		0.21	
6/21/2008	1.01										
6/22/2008	0.71										
6/23/2008	0.69	0.29		0.30	0.05	NS	0.22	0.18		0.09	
6/24/2008	0.55										
6/25/2008	0.42										
6/26/2008	0.44	0.15		NS	0.06	0.24	0.09	0.18		0.06	
6/27/2008	0.53										
6/28/2008	0.52										
6/29/2008	0.24	0.06	0.09	NS	0.05	0.42	0.11	NS		0.12	
6/30/2008	0.45										
7/1/2008	0.46										
7/2/2008	0.14	0.12	0.17	NS	0.07	0.60	0.03	0.15		0.13	
7/3/2008	0.44										
7/4/2008	0.66										
7/5/2008	0.39	0.37		0.45	0.29	0.27	0.41	0.41		0.09	
7/6/2008	0.28										
7/7/2008	0.28										
7/8/2008	0.27	0.15		0.11	0.07	0.44	0.08	0.10		0.07	
7/9/2008	0.24										
7/10/2008	0.54										
7/11/2008	0.48	0.16		0.14	0.11	0.82	0.17	0.09		0.10	
7/12/2008	0.45										
7/13/2008	0.36										
7/14/2008	0.58	0.04		0.21	0.08	1.25	0.14	0.18		0.11	
7/15/2008	0.57										
7/16/2008	NS										
7/17/2008	NS	0.16		0.14	0.03	0.29	0.22	0.14		0.15	
7/18/2008	NS										
7/19/2008	0.31										
7/20/2008	0.24	0.05		0.03	0.06	0.40	0.05	0.02		0.03	
7/21/2008	0.44										
7/22/2008	0.53										
7/23/2008	0.18	0.07		0.09	0.07	0.44	0.13	0.07		0.07	
7/24/2008	0.35										
7/25/2008	0.12										
7/26/2008	1.02	0.12		0.08	0.07	0.41	0.06	0.22		0.06	
7/27/2008	0.31										
7/28/2008	0.33										
7/29/2008	0.42	0.07		0.14	0.06	0.77	0.13	0.09	Installation Pending	0.11	Installation Pending
Average	1.01	0.49	0.30	0.24	0.16	0.41	0.18	0.16		0.10	

Shaded with no data: Sample not scheduled

NS: No Sample due to instrument malfunction, site accessibility or scheduling conflicts

Updated: 08-01-2008

Sampling Locations for Hexavalent Chromium in Western Riverside and San Bernardino Counties

