TABLES

TABLE 2-1
2009 MONTHLY GROUNDWATER EXTRACTION VOLUMES AND RATES
Baldwin Park Operable Unit
San Gabriel Valley, California

Extraction Well	Design Extraction Rates (gpm)	Target Operational Extraction Rates (gpm)	EPA Approved Extraction Rates (gpm)	January 2009 Well Production[1] (acre-feet)	January 2009 Average Production Rate[2] (gpm)	February 2009 Well Production[1] (acre-feet)	February 2009 Average Production Rate[2] (gpm)	March 2009 Well Production[1] (acre-feet)	March 2009 Average Production Rate[2] (gpm)	April 2009 Well Production[1] (acre-feet)	April 2009 Average Production Rate[2] (gpm)	May 2009 Well Production[1] (acre-feet)	May 2009 Average Production Rate[2] (gpm)	June 2009 Well Production[1] (acre-feet)	June 2009 Average Production Rate[2] (gpm)	July 2009 Well Production[1] (acre-feet)	July 2009 Average Production Rate[2] (gpm)	August 2009 Well Production[1] (acre-feet)	August 2009 Average Production Rate[2] (gpm)	September 2009 Well Production[1] (acre-feet)	September 2009 Average Production Rate[2] (gpm)	October 2009 Well Production[1] (acre-feet)	October 2009 Average Production Rate[2] (gpm)	November 2009 Well Production[1] (acre-feet)	November 2009 Average Production Rate[2] (gpm)	December 2009 Well Production[1] (acre-feet)	December 2009 Average Production Rate[2] (gpm)	Total Annual Production (acre-feet)	Average Annual Production Rate (gpm)	2009 Variance (%)
Subarea 1																														
VCWD SA-1 Subproject																														
SA1-1	3,400	3,000	3,000	123.898	904	107.002	865	0.046	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	**231**	**147**	
SA1-2	2,400	2,200	2,000	294.431	2,149	270.985	2,190	299.396	2,185	276.926	2,089	317.200	2,315	300.739	2,268	273.898	1,999	309.026	2,256	305.762	2,306	299.514	2,186	245.204	1,850	221.958	1,620	**3,415**	**2,118**	
SA1-3 (VCWD Lante)	2,000	1,800	1,000	316.093	2,307	234.986	1,899	414.761	3,028	391.299	2,952	437.020	3,190	402.039	3,033	386.475	2,821	414.779	3,028	418.980	3,160	416.569	3,041	380.093	2,867	354.775	2,590	**4,568**	**2,826**	
Subtotal	**7,800**	**7,000**	**6,000**	**734**	**5,361**	**613**	**4,954**	**714**	**5,213**	**668**	**5,040**	**754**	**5,505**	**703**	**5,301**	**660**	**4,820**	**724**	**5,283**	**725**	**5,467**	**716**	**5,227**	**625**	**4,717**	**577**	**4,210**	**8,214**	**5,092**	**84.9**
Subarea 3																														
LPVCWD Subproject																														
LPVCWD 2	Standby	Standby	Standby	39.039	285	0.000	0	0.328	2	0.000	0	0.000	0	0.098	1	0.187	1	0.000	0	0.169	1	0.399	3	0.000	0	0.344	3	**41**	**25**	
LPVCWD 3	Standby	Standby	Standby	163.357	1,192	64.594	522	0.190	1	0.181	1	0.640	5	0.509	4	0.921	7	0.000	0	0.752	6	0.936	7	0.000	0	0.822	6	**233**	**146**	
LPVCWD 5	2,500	2,250	2,250	133.006	971	231.431	1,870	324.605	2,369	313.128	2,362	323.310	2,360	298.348	2,250	303.142	2,213	316.283	2,309	298.873	2,254	313.379	2,288	294.300	2,220	278.118	2,030	**3,428**	**2,125**	
Subtotal	**2,500**	**2,250**	**2,250**	**335.402**	**2,448**	**296.025**	**2,392**	**325.123**	**2,373**	**313.309**	**2,363**	**323.950**	**2,365**	**298.956**	**2,255**	**304.250**	**2,221**	**316.283**	**2,309**	**299.794**	**2,261**	**314.714**	**2,297**	**294.300**	**2,220**	**279.284**	**2,039**	**3,701**	**2,295**	**102.0**
SGVWC B6 Subproject																														
B6C	-	-	-	0.000	0	0.099	1	0.064	0	0.000	0	0.140	1	0.000	0	0.000	0	0.094	1	0.000	0	0.000	0	0.138	1	0.000	0	**1**	**0**	
B6D	-	-	-	0.000	0	0.220	2	0.135	1	0.000	0	0.236	2	0.000	0	0.000	0	0.170	1	0.000	0	0.000	0	0.335	3	0.000	0	**1**	**1**	
B25A (SA3-1S)	2,800	2,500	2,500	0.011	0	1.637	13	245.331	1,791	139.157	1,050	309.734	2,261	41.899	316	192.348	1,404	254.013	1,854	243.758	1,839	202.971	1,481	208.131	1,570	10.156	74	**1,849**	**1,138**	
B25B (SA3-1D)	2,800	2,500	2,500	0.018	0	1.472	12	233.545	1,705	135.420	1,021	298.219	2,177	40.184	303	208.694	1,523	339.601	2,479	290.370	2,119	241.302	1,761	251.412	1,896	12.388	90	**2,053**	**1,257**	
B26A (SA3-2S)	1,100	1,000	750	168.489	1,230	157.392	1,272	151.935	1,109	151.846	1,145	143.994	1,051	127.068	958	140.849	1,028	127.422	930	124.059	936	128.489	938	122.337	923	73.258	535	**1,617**	**1,005**	
B26B (SA3-2D)	1,100	1,000	750	200.716	1,465	187.950	1,519	182.936	1,335	181.926	1,372	172.241	1,257	150.797	1,137	174.938	1,277	183.198	1,337	177.642	1,340	185.152	1,351	178.994	1,350	106.410	777	**2,083**	**1,293**	
Subtotal	**7,800**	**7,000**	**6,500**	**369.234**	**2,695**	**348.770**	**2,819**	**813.946**	**5,941**	**608.349**	**4,589**	**924.564**	**6,749**	**359.948**	**2,715**	**716.829**	**5,232**	**904.498**	**6,602**	**835.829**	**6,233**	**757.914**	**5,531**	**761.347**	**5,743**	**202.212**	**1,476**	**7,603**	**4,694**	**72.2**
SGVWC B5 Subproject																														
B5B	3,300	3,000	3,000	0.053	0	322.417	2,606	403.085	2,942	408.586	3,082	280.840	2,050	199.325	1,503	369.867	2,700	370.966	2,708	356.139	2,686	369.157	2,694	335.048	2,527	391.343	2,857	**3,807**	**2,363**	
B5E	3,300	3,000	3,000	286.570	2,092	397.732	3,214	437.573	3,194	420.934	3,175	418.721	3,056	418.483	3,157	414.970	3,029	403.264	2,943	384.601	2,901	395.739	2,889	378.012	2,851	409.449	2,989	**4,766**	**2,958**	
B5D	Standby	Standby	Standby	367.603	2,683	13.122	106	0.110	1	0.179	1	116.336	849	170.803	1,288	12.743	93	0.581	4	0.092	1	0.110	1	2.736	21	1.240	9	**686**	**421**	
COI 5	1,200	1,000	1,000	0.000	0	0.000	0	0.000	0	0.179	1	0.000	0	0.724	5	126.577	924	152.197	1,111	131.577	992	160.090	1,168	157.957	1,191	169.371	1,236	**899**	**552**	
Subtotal	**7,800**	**7,000**	**7,000**	**654.226**	**4,776**	**733.271**	**5,926**	**840.768**	**6,137**	**829.878**	**6,260**	**815.897**	**5,956**	**789.335**	**5,954**	**924.157**	**6,746**	**927.008**	**6,766**	**872.409**	**6,580**	**925.096**	**6,752**	**873.753**	**6,591**	**971.403**	**7,091**	**10,157**	**6,294**	**89.9**
Total	**25,900**	**23,250**	**21,750**	**2,093**	**15,280**	**1,991**	**16,091**	**2,488**	**18,312**	**2,736**	**20,412**	**2,254**	**16,541**	**2,508**	**18,742**	**2,793**	**20,390**	**2,803**	**20,592**	**2,655**	**19,840**	**2,717**	**20,019**	**1,996**	**15,003**	**9,431**	**18,033**	**29,676**	**18,375**	**84.5**

Notes:
[1] - Production values are from DPH monthly reports prepared by the WEs and provided to the CRs and EPA in the monthly progress reports. Production values have not been independently verified by the CRs.
[2] - Average production rates estimated by dividing the total monthly well production by the number of minutes in each month.
gpm - gallons per minute.
1 acre-foot = 325,821 gallons.

TABLE 3-1
2009 POTENTIOMETRIC MONITORING NETWORK AND MEASUREMENT FREQUENCY
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Measurement Frequency		
		Weekly	Quarterly	Semi-Annual
Extraction Wells				
COI 5	08000097		x	
LPVCWD 3 [a]	01902859		x	
SA1-1	08000184		x	
SA1-2	08000185		x	
SA1-3 (LANTE)	08000060		x	
SGVWC B25A	08000187		x	
SGVWC B25B	08000188		x	
SGVWC B26A	08000189		x	
SGVWC B26B	08000190		x	
SGVWC B5B	61900719		x	
SGVWC B5E	08000205		x	
Piezometers				
PZ1-1AD	PZ1-1AD		x	
PZ1-1AS	PZ1-1AS		x	
PZ1-1BD	PZ1-1BD		x	
PZ1-1BS	PZ1-1BS		x	
PZ1-2AD	PZ1-2AD		x	
PZ1-2AS	PZ1-2AS		x	
PZ1-2BD	PZ1-2BD		x	
PZ1-2BS	PZ1-2BS		x	
PZ1-3AD	PZ1-3AD		x	
PZ1-3AS	PZ1-3AS		x	
PZ1-3BD	PZ1-3BD		x	
PZ1-3BS	PZ1-3BS		x	
PZ3-1AD	PZ3-1AD		x	
PZ3-1AS	PZ3-1AS		x	
PZ3-1BD	PZ3-1BD		x	
PZ3-1BS	PZ3-1BS		x	
PZ3-2AD	PZ3-2AD		x	
PZ3-2AS	PZ3-2AS		x	
PZ3-2BD	PZ3-2BD		x	
PZ3-2BS	PZ3-2BS		x	
PZ3-5EAD	PZ3-5EAD		x	
PZ3-5EAS	PZ3-5EAS		x	
PZ3-5EBD	PZ3-5EBD		x	
PZ3-5EBS	PZ3-5EBS		x	
PZ3-CI5AD [a]	PZ3-CI5AD		x	
PZ3-CI5AS [a]	PZ3-CI5AS		x	
PZ3-CI5BD	PZ3-CI5BD		x	

TABLE 3-1
2009 POTENTIOMETRIC MONITORING NETWORK AND MEASUREMENT FREQUENCY
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Measurement Frequency		
		Weekly	Quarterly	Semi-Annual
PZ3-CI5BS	PZ3-CI5BS		x	
PZ3-LP3AD	PZ3-LP3AD		x	
PZ3-LP3AS	PZ3-LP3AS		x	
PZ3-LP3BD	PZ3-LP3BD		x	
PZ3-LP3BS	PZ3-LP3BS		x	
PZ3-5BA	PZ3-5BAS		x	
PZ3-5BB	PZ3-5BBS		x	
SGVWC B5A	61900718		x	
Multiport Monitoring Wells				
MW 5-01	EPAW51			x
MW 5-03	BPW503			x
MW 5-05	BPW505			x
MW 5-08	BPW508			x
MW 5-11	BPW511			x
MW 5-13	BPW513			x
MW 5-15	BPW515			x
MW 5-17	BPW517			x
MW 5-18	BPW518			x
MW 5-19	BPW519			x
MW 5-20	BPW520			x
MW 5-22	BPW522			x
MW 5-23	BPW523			x
MW 5-24	BPW524			x
MW 5-25	BPW525			x
MW 5-26	BPW526			x
MW 5-27	BPW527			x
WHICO MP-1	W10WHMP1			x
Other Monitoring Wells				
AJ MW-2	W11AJMW2			x
AJ MW-3	W11AJMW3			x
AJ MW-4	W11AJMW4			x
AJ MW-5	W11AJMW5			x
ALR MW-1R	W11AZW1R			x
ALR MW-8	W11AZW08			x
ALR MW-9	W11AZW09			x
LACO KEY	Z1000006	x		

TABLE 3-1
2009 POTENTIOMETRIC MONITORING NETWORK AND MEASUREMENT FREQUENCY
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Measurement Frequency		
		Weekly	Quarterly	Semi-Annual
Production Wells				
AZUSA 2	01902457			x
AZUSA 5	01902533			x
AZUSA GEN 2	01902537			x
CAWC BACON	11900497			x
CAWC CR HV	01903018			x
CAWC SANTA FE	01900354			x
CC REL 1	01903088			x
CC W DURBIN	08000063			x
CDWC 2	01901181			x
CDWC 5A	08000100			x
CIC BALDWIN 1	01900885			x
CIC CONTRACT [b]	01900881			x
CMWC 1	01900908			x
GLENDORA 4E	01901524			x
GLENDORA 7G	01900831			x
GLENDORA 8E	01900829			x
LACO SANTA FE 1	08000070			x
SGVWC B4C	51902947			x
SGVWC B6C	71903093			x
SMWC NORTH [a]	01902096			x
VCWD BIG DALTON	01900035			x
VCWD E NIXON	01900032			x
VCWD MORADA	01900029			x
VCWD PADDY LN	01900031			x
VCWD PALM	08000039			x
VCWD W MAINE	01900028			x
VVMWC 3	01900365			x

Notes:
a. Inaccessible 2009.
b. Inaccessible Q1 and Q2.

TABLE 3-2
2009 GROUNDWATER QUALITY MONITORING NETWORK AND SAMPLING FREQUENCY

Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Quarterly	Semi-Annual	Annual
Extraction Wells					
COI 05 [b]	08000097		x		
LPVCWD 3 [c]	01902859		x		
SA1-1	08000184		x		
SA1-2	08000185		x		
SA1-3 (LANTE)	08000060		x		
SGVWC B25A	08000188		x		
SGVWC B25B	08000187		x		
SGVWC B26A	08000190		x		
SGVWC B26B	08000189		x		
SGVWC B5B	61900719		x		
SGVWC B5E	08000205		x		
Multiport Monitoring Wells					
MW5-01	EPAW51	Ports 1-13			x
MW5-03	BPW503	Ports 1-4			x
		Ports 5-10		x	
MW5-05	BPW505	Ports 1-4			x
MW5-08	BPW508	Ports 1-4			x
MW5-11	BPW511	Ports 1-3			x
MW5-13	BPW513	Ports 1-3			x
MW5-15	BPW515	Ports 1-3			x
MW5-17	BPW517	Ports 1-3			x
MW5-18	BPW518	Ports 1-3			x
MW5-19	BPW519	Ports 1-2, 6			x
		Ports 3-5		x	
MW5-20	BPW520	Ports 1-7			x
MW5-22	BPW522	Ports 1-6			x
MW5-23	BPW523	Ports 1-6			x
MW5-24	BPW524	Ports 1-7		x	
MW5-25	BPW525	Ports 1-7		x	
MW5-26	BPW526	Ports 1-7		x	
MW5-27	BPW527	Ports 1-7		x	
WHICO MP-1	W10WHMP1	Ports 1-6			x
Other Monitoring Wells					
AJ MW-2	W11AJMW2				x
AJ MW-3	W11AJMW3				x
ALR MW-1R	W11AZW1R				x
ALR MW-8	W11AZW08				x
ALR MW-9	W11AZW09				x
LACO KEY	Z1000006				x

TABLE 3-2

2009 GROUNDWATER QUALITY MONITORING NETWORK AND SAMPLING FREQUENCY

Baldwin Park Operable Unit

San Gabriel Valley, California

Well Name	Site ID	Port [a]	Quarterly	Semi-Annual	Annual
Production Wells					
CC E DURBIN [d]	01902920				x
CDWC 3	01903057				x
CDWC 14 [d]	08000174				x
CIC BALDWIN 1	01900885				x
LACO SANTA FE 1	08000070				x
SGVWC B6D	78000098				x
SWS 139W2	01901599	275			x
		370			x
SWS 139W4	08000069				x
SWS 139W6	08000152	975			x
SWS 140W3	01903067				x
SWS 140W5	08000145				x
VCWD BIG DALTON	01900035	275			x
		410			x
VCWD E MAINE	01900027				x
VCWD MORADA	01900029	430			x
		510			x
VCWD PADDY LN	01900031	340			x
		460			x
VCWD W MAINE	01900028				x

Notes:

a. For inactive production wells, depth (feet) of discrete low-flow sample.
b. Well offline for Q1 and Q2 2009.
c. Well offline for Q2, Q3, and Q4 2009.
d. Well inoperable in 2009.

TABLE 4-1
CARBON AND RESIN CHANGEOUT SUMMARY 2009
Baldwin Park Operable Unit
San Gabriel Valley, California

Plant	Date	Resin or Carbon	Vendor	Volume
LPVCWD	Mar 9, 2009	Vapor Phase Carbon	Carbon Activated/Mc^2	27,400 lbs
	May 15, 2009	Vapor Phase Carbon	Carbon Activated/Mc^2	27,400 lbs
	Jul 23, 2009	Vapor Phase Carbon	Carbon Activated/Mc^2	27,400 lbs
	Oct 1, 2009	Vapor Phase Carbon	Carbon Activated/Mc^2	27,400 lbs
	Dec 10, 2009	Vapor Phase Carbon	Carbon Activated/Mc^2	27,400 lbs
SGVWC B5	Feb 5, 2009	Liquid Phase Carbon	Carbon Activated	320,000 lbs
	May 28-29, 2009	Liquid Phase Carbon	Carbon Activated	40,000 lbs
	Jun 2, 4, 9, 11, 16, 18, 23, 25, and 30, 2009	Liquid Phase Carbon	Carbon Activated	200,000 lbs
	Jul 2 and 14, 2009	Liquid Phase Carbon	Carbon Activated	40,000 lbs
	Oct 19, 2009	Liquid Phase Carbon	Calgon	40,000 lbs
	Nov 3, 6, 12, 16, 20, 23, and 25, 2009	Liquid Phase Carbon	Carbon Activated	140,000 lbs
	Dec 10, 11, and 18, 2009	Resin	Siemens	1272 cubic feet
SGVWC B6	Jan 9, 2009	Vapor Phase Carbon	Siemens	20,000 lbs
	Jan 30, 2009	Vapor Phase Carbon	Siemens	20,000 lbs
	Feb 20, 2009	Vapor Phase Carbon	Siemens	20,000 lbs
	Feb 23, 2009	Vapor Phase Carbon	Siemens	20,000 lbs
	Nov 4, 2009	Vapor Phase Carbon	Siemens	20,000 lbs
	Dec 4, 2009	Vapor Phase Carbon	Siemens	20,000 lbs
VCWD	Mar 23-30, 2009	Liquid Phase Carbon	Siemens	80,000 lbs
	Apr 1, 2009	Liquid Phase Carbon	Siemens	120,000 lbs
	Jun 29, 2009	Vapor Phase Carbon	Calgon	20,000 lbs
	Jul 13, 2009	Vapor Phase Carbon	Calgon	20,000 lbs
	Oct 21-28, 2009	Vapor Phase Carbon	Prominent Systems, Inc.	40,000 lbs

TABLE 5-1
LATERAL HYDRAULIC GRADIENTS
Baldwin Park Operable Unit
San Gabriel Valley, California

March 2009

Elevation Interval (ft msl)	MW 5-03[c] Groundwater Elevation[a] (ft msl)	MW 5-20 Groundwater Elevation[a] (ft msl)	Estimated Lateral Hydraulic Gradient[b] (ft/ft)
Above -500	205.36	195.73	4.5E-04
Below -500	205.15	190.13	7.0E-04

September 2009

Elevation Interval (ft msl)	MW 5-03[c] Groundwater Elevation[a] (ft msl)	MW 5-20 Groundwater Elevation[a] (ft msl)	Estimated Lateral Hydraulic Gradient[b] (ft/ft)
Above -500	195.20	183.82	5.3E-04
Below -500	194.85	175.52	9.0E-04

Notes:
a. Average of groundwater elevations measured at ports screened in the elevation interval.
b. Distance between MW 5-03 and MW 5-20 estimated at 21,450 ft.
c. MW 5-03 port 10 was dry during 2009 and not included in the gradient calculation.
ft msl - feet above mean sea level
ft/ft - feet per foot

TABLE 5-2
VERTICAL HYDRAULIC GRADIENTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Subarea 1

Date	Groundwater Elevation (ft msl) PZ1-1BS	PZ1-1BD	Vertical Distance between Mid-Screens (ft)	Estimated Vertical Hydraulic Gradient (ft/ft)[a,b]
4/9/2009	208.1	208.23	350.14	-3.7E-04
10/6/2009	198.86	198.97		-3.1E-04

Date	Groundwater Elevation (ft msl) MW 5-03 - Port 9[c]	MW 5-03 Port 1	Vertical Distance between Mid-Screens (ft)	Estimated Vertical Hydraulic Gradient (ft/ft)[a,b]
3/23/2009	205.33	205.07	850.00	3.1E-04
9/23/2009	195.34	194.69		7.7E-04

Subarea 3

Date	Groundwater Elevation (ft msl) PZ3-1BS	PZ3-1BD	Vertical Distance between Mid-Screens (ft)	Estimated Vertical Hydraulic Gradient (ft/ft)[a,b]
4/9/2009	194.69	190.61	425.02	9.6E-03
10/6/2009	182.16	172.43		2.3E-02

Date	Groundwater Elevation (ft msl) MW 5-20 - Port 7	MW 5-20 Port 1	Vertical Distance between Mid-Screens (ft)	Estimated Vertical Hydraulic Gradient (ft/ft)[a,b]
3/25/2009	203.84	190.03	720.00	1.9E-02
9/21/2009	194.75	175.59		2.7E-02

Notes:

a. Differences in mid-screen depth used for all calculations.
b. Negative vertical gradients indicate upward gradient.
c. MW 5-03 Port 10 was dry during 2009--Port 9 used for gradient calculation.
ft msl - feet above mean sea level
ft/ft - feet per foot

TABLE 5-3
2009 GROUNDWATER QUALITY MONITORING RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,4-Dioxane (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	NDMA (ng/L)	Perchlorate (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Xylenes, Total [b] (µg/L)	Nitrate as N [c] (mg/L)	Sulfate (mg/L)
Federal or California State MCL (NL) [SMCL] [d]				**200**	**5**	**6**	**0.5**	**(3)**	**--**	**1**	**160**	**0.5**	**80**	**6**	**300**	**5**	**(10)**	**6**	**5**	**150**	**10**	**5**	**1750**	**10**	**[250]**
Extraction Wells																									
COI 5	08000097		Offline Q1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Offline Q2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			7/14/09	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5000 U		0.71	0.5 U	0.5 U	2.4	0.5 U		--
			7/29/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	5.9	0.8	0.5 U	0.5 U	2.4	0.5 U	6.0	--
			8/21/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	5.4	0.73	0.5 U	0.5 U	1.9	0.5 U	5.8	--
			9/10/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 UJ	**6.7**	0.86	0.5 U	0.5 U	2	0.5 U	5.8	--
			10/6/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**8.1**	0.83	0.5 U	0.5 U	1.8	0.5 U	6.0	--
			10/19/09	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.85	0.5 U	0.5 U	1.9	0.5 U	--	--
			11/17/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**6.1**	1	0.5 U	0.5 U	1.6	0.5 U	6.0	--
LPVCWD 3	01902859		1/2/09	1 U	1 U	1 U	**0.65**	0.66 J	5 U	1 U	1 U	**0.97**	0.55 J	0.37 J	1 U	1 U	**79**	**25**	1.6	1 U	1 U	**11**	1 U	6.5	39
			1/5/09	0.5 U	0.5 U	0.5 U	**0.66**	0.64	--	0.5 U	--	**0.59**	0.6	0.5 U	0.5 U	0.5 U	**78**	**22**	1.8	0.5 U	0.5 U	**12**	0.5 U	6.9	37
			2/2/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**17**	**15**	1.5	0.5 U	0.5 U	**6.8**	0.5 U	7.6	35
			4/21/09	1 U	1 U	1 U	0.3 J	2.9 U	5 U	1 U	1 U	0.5 U	0.34 J	1 U	1 U	1 U	**19**	**16**	1.1	1 U	1 U	**5.3**	1 U	6.8	34
			7/31/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.3	**11**	1.3	0.5 U	0.5 U	4	0.5 U	8.5	42
			9/30/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.7	**15**	1.4	0.5 U	0.5 U	4.2	0.5 U	8.3 J	39
			12/9/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6	**13**	1.2	0.5 U	0.5 U	4.4	0.5 U	8.1	37
SA1-1	08000184		1/2/09	1 U	0.47 J	**7.9**	0.5 U	**3.9 J**	5 U	1 U	1 U	0.5 U	0.52 J	0.55 J	1 U	1 U	1.9 U	**9.5**	**6.5**	1 U	1 U	4.1	1 U	**15**	58
			1/20/09	0.5 U	0.56	**14**	0.5 U	**4.5**	--	0.5 U	--	0.5 U	0.73	0.71	0.5 U	0.5 U	2 U	**9.9**	**8.2**	0.5 U	0.5 U	**5**	0.5 U	**17**	57
			2/18/09	0.5 U	0.5 U	2	0.5 U	2.3	--	0.5 U	--	0.5 U	0.54	0.5 U	0.5 U	0.5 U	2 U	**10**	2.8	0.5 U	0.5 U	1.3	0.5 U	**18**	54
			Offline Q2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Offline Q3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Offline Q4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SA1-2	08000185		1/2/09	1 U	0.46 J	4.8	0.5 U	0.78 J	5 U	1 U	1 U	0.5 U	0.45 J	0.65 J	1 U	1 U	1.2 J	**12**	**13**	1 U	1 U	**6.2**	1 U	**12**	52
			1/20/09	0.5 U	0.56	**8.5**	0.5 U	0.78	--	0.5 U	--	0.5 U	0.5 U	0.79	0.5 U	0.5 U	2 U	**11**	**16**	0.5 U	0.5 U	**7.7**	0.5 U	**13**	53
			2/11/09	0.5 U	0.5 U	**6.4**	0.5 U	0.66 J	--	0.5 U	--	0.5 U	0.5 U	0.61	0.5 U	0.5 U	2 U	**12**	**12**	0.5 U	0.5 U	**6.2**	0.5 U	**14**	51
			3/11/09	0.5 U	0.5 U	**6.1**	0.5 U	0.7	--	0.5 U	--	0.5 U	0.5 U	0.56	0.5 U	0.5 U	2 U	**11**	**12**	0.5 U	0.5 U	**5.7**	0.5 U	**13**	50
			4/14/09	1 U	1 U	3.6	0.5 U	0.48 J	5 U	1 U	1 U	0.5 U	0.38 J	0.44 J	1 U	1 U	0.83 J	**11**	**9**	1 U	1 U	4.3	1 U	**10**	48
			4/15/09	0.5 U	0.5 U	4	0.5 U	0.57	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**12**	**11**	0.5 U	0.5 U	4.5	0.5 U	**13**	50
			5/19/09	0.5 U	0.5 U	4.4	0.5 U	0.54	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**12**	**9.5**	0.5 U	0.5 U	4.3	0.5 U	**12**	48
			6/17/09	0.5 U	0.5 U	3.5	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**11**	**8.9**	0.5 U	0.5 U	3.9	0.5 U	**12**	49
			7/21/09	0.5 U	0.5 U	3.3	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**9.3**	**9.3**	0.5 U	0.5 U	4.4	0.5 U	**12**	50
			8/20/09	0.5 U	0.5 U	2.4	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**8.6**	**7.2**	0.5 U	0.5 U	3.1	0.5 U	**12**	47
			9/17/09	0.5 U	0.5 U	2.5	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**11**	**6.4**	0.5 U	0.5 U	3	0.5 U	**12**	49
			10/29/09	0.5 U	0.5 U	2.1	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**10**	**5.7**	0.5 U	0.5 U	2.5	0.5 U	**14**	51
			11/18/09	0.5 U	0.5 U	1.5	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**9.9**	**5.9**	0.5 U	0.5 U	2.2	0.5 U	**12**	49
			12/16/09	0.5 U	0.5 U	1.2	0.5 U	0.5 U	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	**11**	4.8	0.5 U	0.5 U	2	0.5 U	**14**	50
SA1-3 (LANTE)	08000060		1/2/09	5 U	5 U	**9.8**	2.5 U	**6.9 J**	25 U	5 U	5 U	**3.2**	5 U	**14**	5 U	5 U	**49**	**13**	**330**	5 U	5 U	**120**	5 U	7.6	50
			1/20/09	0.81	1.7	**24**	**0.72**	**7.4**	--	0.5 U	--	**1.7**	1.9	**20**	0.5 U	0.5 U	**63**	**14**	**500**	0.5 U	0.5 U	**160**	0.5 U	8.1	48
			2/11/09	0.85	1.6	**24**	**0.68**	**7.2 J**	--	0.5 U	--	**1.7**	1.7	**17**	0.5 U	0.5 U	**51**	**15**	**360**	0.5 U	0.5 U	**130**	0.5 U	8.1	47
			3/11/09	0.76	1.6	**24**	**0.57**	**7.1**	--	0.5 U	--	**1.4**	1.6	**17**	0.5 U	0.5 U	**42**	**14**	**310**	0.5 U	0.5 U	**110**	0.5 U	8.3	46
			4/14/09	5 U	5 U	**16**	2.5 U	**5.9**	25 U	5 U	5 U	2.5 U	1.6 J	**13**	5 U	5 U	**42**	**13**	**300**	5 U	5 U	**110**	5 U	6.5	45
			4/15/09	0.55	1.4	**20**	0.5 U	**7.2**	--	0.5 U	--	**1**	1.3	**13**	0.5 U	0.5 U	**40**	**14**	**270**	0.5 U	0.5 U	**84**	0.5 U	8.1	46
			5/19/09	0.57	1.5	**24**	**0.65**	**7**	--	0.5 U	--	**1.2**	1.5	**15**	0.5 U	0.5 U	**46**	**15**	**310**	0.5 U	0.5 U	**110**	0.5 U	8.1	47
			6/17/09	0.72	1.6	**24**	**0.62**	**6.4**	--	0.5 U	--	**1.1**	1.4	**14**	0.5 U	0.5 U	**49**	**12**	**490**	0.5 U	0.5 U	**140**	0.5 U	7.8	47
			7/21/09	0.99	2.2	**28**	**0.81**	**6.6**	--	0.5 U	--	**1.5**	1.8	**16**	0.5 U	0.5 U	**41**	**11**	**460**	0.5 U	0.5 U	**150**	0.5 U	7.8	46
			8/20/09	0.82	2	**25**	**0.56**	**6.4**	--	0.5 U	--	**1.1**	1.4	**13**	0.5 U	0.5 U	**33 J**	**9.5**	**310**	0.5 U	0.5 U	**110**	0.5 U	7.6	46
			9/17/09	0.76	1.7	**28**	**0.61**	**6.3**	--	0.5 U	--	**1.1**	1.5	**14**	0.5 U	0.5 U	**32**	**12**	**700**	0.5 U	0.5 U	**200**	0.5 U	7.6	48
			10/29/09	0.67	1.7	**28**	**0.55**	**6**	--	0.5 U	--	**0.9**	1.3	**12**	0.5 U	0.5 U	**28**	**11**	**360**	0.5 U	0.5 U	**120**	0.5 U	8.1	49
			11/18/09	0.71	1.6	**25**	**0.53**	**6.3**	--	0.5 U	--	**0.98**	1.2	**11**	0.5 U	0.5 U	**27**	**12**	**300**	0.5 U	0.5 U	**100**	0.5 U	7.4	48
			12/16/09	0.71	1.6	**24**	**0.55**	**6.2**	--	0.5 U	--	**1.1**	1.3	**11**	0.5 U	0.5 U	**21**	**12**	**760**	0.5 U	0.5 U	**110**	0.5 U	8.7	48
SGVWC B25A	08000187		2/9/09	0.5 U	0.5 U	2	0.5 U	1.1	--	0.5 U	--	**0.93**	1	2.1	0.5 U	0.5 U	**47**	**23**	**14**	0.5 U	0.5 U	**21**	0.5 U	**16**	51
			3/4/09	0.5 U	0.5 U	2.6	0.5 U	1.1	--	0.5 U	--	**1.1**	1.1	2.4	0.5 U	0.5 U	**97**	**23**	**15**	0.5 U	0.5 U	**24**	0.5 U	**17**	49
			3/12/09	0.5 U	0.5 U	3.7	**0.95**	--	--	0.5 U	--	**2**	1.4	3.3	0.5 U	0.5 U	5000 U	--	**20**	0.5 U	0.5 U	**38**	0.5 U	--	--
			4/17/09	0.5 U	0.5 U	2.1	0.5 U	1	--	0.5 U	--	**1.1**	1.2	2.4	0.5 U	0.5 U	**48**	**22**	**17**	0.5 U	0.5 U	**25**	0.5 U	**17.02**	51
			4/23/09	1 U	1 U	3.7	**1.2**	2.8 UJ	5 U	1 U	1 U	**1.7**	1.5	4.1	1 U	1 U	**150**	**33**	**17**	1 U	1 U	**38**	1 U	**12**	46
			5/5/09	0.5 U	0.5 U	4.3	**1**	1.4	--	0.5 U	--	**2.5**	1.4	3.8	0.5 U	0.5 U	**270 J**	**34**	**22**	0.5 U	0.5 U	**44**	0.5 U	**14**	47
			6/2/09	0.5 U	0.5 U	4.5	**1.1**	1.6	--	0.5 U	--	**2.5**	1.4	4.4	0.5 U	0.5 U	**240**	**34**	**22**	0.5 U	0.5 U	**45**	0.5 U	**14**	48
			7/24/09	0.5 U	0.5 U	4.6	**1.1**	1.6	--	0.5 U	--	**2.3**	1.5	4	0.5 U	0.5 U	**200**	**28**	**21**	0.5 U	0.5 U	**45**	0.5 U	**14**	50
			8/5/09	0.5 U	0.5 U	3.8	**1.1**	1.6	--	0.5 U	--	**2.5**	1.6	4	0.5 U	0.5 U	**170 J**	**30**	**23**	0.5 U	0.5 U	**48**	0.5 U	**14**	50
			9/2/09	0.5 U	0.5 U	4.1	**1**	1.6	--	0.5 U	--	**2.5**	1.5	4	0.5 U	0.5 U	**190**	**29**	**22**	0.5 U	0.5 U	**43**	0.5 U	**14**	50
			10/6/09	0.5 U	0.5 U	4.5	**1**	1.5	--	0.5 U	--	**2.5**	1.4	3.6	0.5 U	0.5 U	**220 J**	**39**	**20**	0.5 U	0.5 U	**40**	0.5 U	**14**	54
			11/5/09	0.5 U	0.5 U	1.9	0.5 U	0.8	--	0.5 U	--	**0.55**	0.87	1.7	0.5 U	0.5 U	**41**	**20**	**14**	0.5 U	0.5 U	**18**	0.5 U	**18 J**	50
			12/2/09	0.5 U	0.5 U	3.9	**1**	1.4	--	0.5 U	--	**2.4**	1.5	3.8	0.5 U	0.5 U	**180**	**38**	**21**	0.5 U	0.5 U	**44**	0.5 U	**14**	47
SGVWC B25B	08000188		2/9/09	0.5 U	0.5 U	1.4	0.5 U	0.5 U	--	0.5 U	--	**8.2**	0.68	1.4	0.5 U	0.5 U	5.6	5.8	4.7	0.5 U	0.5 U	**13**	0.5 U	2.3	36
			3/4/09	0.5 U	0.5 U	1.9	0.5 U	0.52	--	0.5 U	--	**8.3**	0.51	1.7	0.5 U	0.5 U	**10**	**6.7**	**5.8**	0.5 U	0.5 U	**15**	0.5 U	2.3	41
			3/12/09	0.5 U	0.5 U	2.3	0.5 U	--	--	0.5 U	--	**8.1**	0.53	1.9	0.5 U	0.5 U	5000 U	--	**6.8**	0.5 U	0.5 U	**19**	0.5 U	--	--
			4/17/09	0.5 U	0.5 U	0.77	0.5 U	0.5 U	--	0.5 U	--	**6.1**	0.5 U	0.76	0.5 U	0.5 U	3.9	3.5	2.4	0.5 U	0.5 U	**7.4**	0.5 U	3.2	42
			4/23/09	1 U	1 U	2	0.5 U	2.8 UJ	5 U	1 U	1 U	**6.3**	0.54 J	2.2	1 U	1 U	**14**	**7.4**	**5.9**	1 U	1 U	**17**	1 U	1.9	38
			5/5/09	0.5 U	0.5 U	1.7	0.5 U	0.5 UJ	--	0.5 U	--	**6.8**	0.5 U	1.8	0.5 U	0.5 U	**14 J**	**7.5**	**6.4**	0.5 U	0.5 U	**17**	0.5 U	2.3	40
			6/2/09	0.5 U	0.5 U	2.1	0.5 U	0.52	--	0.5 U	--	**6.9**	0.5	2.2	0.5 U	0.5 U	**18**	**6.9**	**7**	0.5 U	0.5 U	**19**	0.5 U	2.3	40
			7/24/09	0.5 U	0.5 U	2.4	0.5 U	0.55	--	0.5 U	--	**7.6**	0.51	2	0.5 U	0.5 U	**15**	**6.8**	**6.9**	0.5 U	0.5 U	**19**	0.5 U	2.3	41

TABLE 5-3
2009 GROUNDWATER QUALITY MONITORING RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,4-Dioxane (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	NDMA (ng/L)	Perchlorate (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Xylenes, Total [b] (µg/L)	Nitrate as N [c] (mg/L)	Sulfate (mg/L)
Federal or California State MCL (NL) [SMCL] [d]				**200**	**5**	**6**	**0.5**	**(3)**	**--**	**1**	**160**	**0.5**	**80**	**6**	**300**	**5**	**(10)**	**6**	**5**	**150**	**10**	**5**	**1750**	**10**	**[250]**
			8/5/09	0.5 U	0.5 U	1.8	0.5 U	0.55	--	0.5 U	--	**7.1**	0.52	1.9	0.5 U	0.5 U	**58 J**	**7**	**7**	0.5 U	0.5 U	**20**	0.5 U	2.3	41
			9/2/09	0.5 U	0.5 U	2.1	0.5 U	0.5 U	--	0.5 U	--	**6.9**	0.5	2	0.5 U	0.5 U	**16**	**6.8**	**7.3**	0.5 U	0.5 U	**19**	0.5 U	2.2	39
			10/6/09	0.5 U	0.5 U	2.2	0.5 U	0.52	--	0.5 U	--	**6.7**	0.5 U	1.9	0.5 U	0.5 U	**20 J**	**8.7**	**7**	0.5 U	0.5 U	**18**	0.5 U	2.3	42
			11/5/09	0.5 U	0.5 U	1.9	0.5 U	0.5 U	--	0.5 U	--	**5.5**	0.5 U	1.8	0.5 U	0.5 U	**13 J**	**7.4**	**6.5**	0.5 U	0.5 U	**18**	0.5 U	2.1 J	37
			12/2/09	0.5 U	0.5 U	1.9	0.5 U	0.5 U	--	0.5 U	--	**6.1**	0.5 U	2	0.5 U	0.5 U	**16**	**9.2**	**7**	0.5 U	0.5 U	**20**	0.5 U	2.2	38
SGVWC B26A	08000189		1/2/09	1 U	0.58 J	0.7 J	**2.5**	2.3 J	5 U	1 U	1 U	**2.1**	2.1	2.4	1 U	1 U	**560**	**61**	4.6	1 U	1 U	**43**	1 U	**12**	50
			1/7/09	0.5 U	0.63	0.92	**3.4**	2.3	--	0.5 U	--	**2.7**	2.7	2.8	0.5 U	0.5 U	**120 J**	**60**	**5.1**	0.5 U	0.5 U	**48**	0.5 U	**12**	48
			2/4/09	0.5 U	0.62	0.99	**3.1**	2.3 J	--	0.5 U	--	**2.4**	2.7	2.8	0.5 U	0.5 U	**330**	**66**	**5.2**	0.5 U	0.5 U	**47**	0.5 U	**12**	47
			3/4/09	0.5 U	0.53	0.81	**2.4**	2.2	--	0.5 U	--	**2.2**	2.3	2.2	0.5 U	0.5 U	**760**	**59**	4.6	0.5 U	0.5 U	**45**	0.5 U	**14**	46
			3/12/09	0.5 U	0.58	0.85	**2.8**	--	--	0.5 U	--	**2.3**	2.4	2.5	0.5 U	0.5 U	5000 U	--	**5**	0.5 U	0.5 U	**48**	0.5 U	--	--
			4/1/09	0.5 U	0.58	0.76	**2.4**	2.2	--	0.5 U	--	**2.2**	2.3	2.2	0.5 U	0.5 U	**860**	**63**	**5.1**	0.5 U	0.5 U	**48**	0.5 U	**13**	48
			4/14/09	1 U	0.65 J	0.68 J	**3.3**	1.8 J	5 U	1 U	1 U	**1.9**	2.7	2.8	1 U	1 U	**550**	**62**	4.8	1 U	1 U	**45**	1 U	**10**	45
			5/5/09	0.5 U	0.5 U	0.56	**2.4**	1.7 J	--	0.5 U	--	**1.8**	2	1.7	0.5 U	0.5 U	**510 J**	**55**	3.9	0.5 U	0.5 U	**37**	0.5 U	**14**	48
			6/2/09	0.5 U	0.5 U	0.73	**2.7**	1.9	--	0.5 U	--	**1.9**	2.2	2.2	0.5 U	0.5 U	**210**	**56**	4.5	0.5 U	0.5 U	**41**	0.5 U	**14**	48
			7/8/09	0.5 U	0.51	0.75	**2.8**	1.9	--	0.5 U	--	**2.2**	2.2	2.4	0.5 U	0.5 U	**520**	**52**	**5**	0.5 U	0.5 U	**46**	0.5 U	**13**	49
			8/5/09	0.5 U	0.5 U	0.53	**2.4**	1.8	--	0.5 U	--	**1.8**	2.1	1.6	0.5 U	0.5 U	**470 J**	**48**	3.7	0.5 U	0.5 U	**38**	0.5 U	**14**	51
			9/2/09	0.5 U	0.5 U	0.5 U	**2.3**	1.6	--	0.5 U	--	**1.7**	2	1.6	0.5 U	0.5 U	**430**	**45**	3.6	0.5 U	0.5 U	**33**	0.5 U	**14**	49
			10/6/09	0.5 U	0.5 U	0.5 U	**2.3**	1.7	--	0.5 U	--	**1.7**	2	1.5	0.5 U	0.5 U	**570 J**	**56**	3.5	0.5 U	0.5 U	**32**	0.5 U	**13**	53
			11/5/09	0.5 U	0.5 U	0.63	**2.3**	1.8	--	0.5 U	--	**1.6**	2.1	1.9	0.5 U	0.5 U	**560 J**	**59**	4.2	0.5 U	0.5 U	**42**	0.5 U	**13**	46
			12/2/09	0.5 U	0.5 U	0.5	**2.5**	1.5	--	0.5 U	--	**1.6**	2.1	1.8	0.5 U	0.5 U	**440**	**58**	3.6	0.5 U	0.5 U	**38**	0.5 U	**14**	48
SGVWC B26B	08000190		1/2/09	1 U	1 U	1 U	**0.59**	0.99 J	5 U	1 U	1 U	**8.1**	0.69 J	1 U	1 U	1 U	**28**	**19**	0.54 J	1 U	1 U	**16**	1 U	2.9	42
			1/7/09	0.5 U	0.5 U	0.5 U	**0.87**	1	--	0.5 U	--	**14**	0.97	0.5 U	0.5 U	0.5 U	**30 J**	**20**	0.69	0.5 U	0.5 U	**20**	0.5 U	3.0	40
			2/4/09	0.5 U	0.5 U	0.5 U	**0.87**	1 J	--	0.5 U	--	**13**	1	0.5 U	0.5 U	0.5 U	**27**	**22**	0.77	0.5 U	0.5 U	**22**	0.5 U	2.8 J	39
			2/9/09	0.5 U	0.5 U	1.4	0.5 U	0.5 U	--	0.5 U	--	**8.2**	0.68	1.4	0.5 U	0.5 U	5.6	5.8	4.7	0.5 U	0.5 U	**13**	0.5 U	2.3	36
			3/4/09	0.5 U	0.5 U	0.5 U	**0.63**	1	--	0.5 U	--	**12**	0.92	0.5 U	0.5 U	0.5 U	**32**	**20**	0.68	0.5 U	0.5 U	**21**	0.5 U	2.8	38
			3/4/09	0.5 U	0.5 U	1.9	0.5 U	0.52	--	0.5 U	--	**8.3**	0.51	1.7	0.5 U	0.5 U	**10**	**6.7**	**5.8**	0.5 U	0.5 U	**15**	0.5 U	2.3	41
			3/12/09	0.5 U	0.5 U	2.3	0.5 U	--	--	0.5 U	--	**8.1**	0.53	1.9	0.5 U	0.5 U	5000 U	--	**6.8**	0.5 U	0.5 U	**19**	0.5 U	--	--
			3/12/09	0.5 U	0.5 U	0.5 U	**0.73**	--	--	0.5 U	--	**13**	0.93	0.5 U	0.5 U	0.5 U	5000 U	--	0.78	0.5 U	0.5 U	**23**	0.5 U	--	--
			4/1/09	0.5 U	0.5 U	0.5 U	**0.67**	1	--	0.5 U	--	**12**	0.85	0.5 U	0.5 U	0.5 U	**29**	**23**	0.82	0.5 U	0.5 U	**23**	0.5 U	3.0	39
			4/14/09	1 U	1 U	1 U	**0.86**	0.92 J	5 U	1 U	1 U	**9.8**	0.91 J	0.37 J	1 U	1 U	**32**	**22**	0.68 J	1 U	1 U	**19**	1 U	2.4	37
			4/17/09	0.5 U	0.5 U	0.77	0.5 U	0.5 U	--	0.5 U	--	**6.1**	0.5 U	0.76	0.5 U	0.5 U	3.9	3.5	2.4	0.5 U	0.5 U	**7.4**	0.5 U	3.2	42
			5/5/09	0.5 U	0.5 U	0.5 U	**0.8**	0.94 J	--	0.5 U	--	**11**	0.96	0.5 U	0.5 U	0.5 U	**30 J**	**22**	0.73	0.5 U	0.5 U	**22**	0.5 U	3.0	39
			5/5/09	0.5 U	0.5 U	1.7	0.5 U	0.5 UJ	--	0.5 U	--	**6.8**	0.5 U	1.8	0.5 U	0.5 U	**14 J**	**7.5**	**6.4**	0.5 U	0.5 U	**17**	0.5 U	2.3	40
			6/2/09	0.5 U	0.5 U	2.1	0.5 U	0.52	--	0.5 U	--	**6.9**	0.5	2.2	0.5 U	0.5 U	**18**	**6.9**	**7**	0.5 U	0.5 U	**19**	0.5 U	2.3	40
			6/2/09	0.5 U	0.5 U	0.5 U	**0.88**	1.1	--	0.5 U	--	**12**	0.92	0.5 U	0.5 U	0.5 U	**37**	**22**	0.84	0.5 U	0.5 U	**24**	0.5 U	3.0	39
			7/8/09	0.5 U	0.5 U	0.5 U	**1**	1	--	0.5 U	--	**15**	1	0.55	0.5 U	0.5 U	**34**	**21**	1.1	0.5 U	0.5 U	**29**	0.5 U	2.8	41
			8/5/09	0.5 U	0.5 U	0.5 U	**0.94**	1.1	--	0.5 U	--	**14**	1	0.5 U	0.5 U	0.5 U	**37 J**	**23**	0.93	0.5 U	0.5 U	**28**	0.5 U	3.0	41
			9/2/09	0.5 U	0.5 U	0.5 U	**0.94**	1	--	0.5 U	--	**13**	1	0.5 U	0.5 U	0.5 U	**39**	**22**	0.95	0.5 U	0.5 U	**25**	0.5 U	3.0	39
			10/6/09	0.5 U	0.5 U	0.5 U	**0.89**	1.1	--	0.5 U	--	**11**	0.95	0.5 U	0.5 U	0.5 U	**47 J**	**29**	0.87	0.5 U	0.5 U	**23**	0.5 U	2.8	43
			11/5/09	0.5 U	0.5 U	0.5 U	**0.92**	1	--	0.5 U	--	**10**	1	0.5	0.5 U	0.5 U	**46 J**	**28**	0.98	0.5 U	0.5 U	**28**	0.5 U	3.0 J	38
			12/2/09	0.5 U	0.5 U	0.5 U	**0.99**	0.97	--	0.5 U	--	**11**	0.98	0.5 U	0.5 U	0.5 U	**39**	**31**	0.85	0.5 U	0.5 U	**27**	0.5 U	3.0	38
SGVWC B5B	61900719		2/4/09	0.5 U	0.5 U	0.49 J	0.18 J	1.3	--	0.5 U	--	0.34 J	1.2	0.5 U	0.5 U	0.5 U	**21**	**6.6**	3.9	0.5 U	0.5 U	2	0.5 U	8.7	--
			3/3/09	0.5 U	0.5 U	0.36 J	0.37 J	0.78	--	0.5 U	--	0.4 J	1	0.5 U	0.5 U	0.5 U	**56**	**12**	2.4	0.5 U	0.5 U	4.2	0.5 U	**12**	--
			4/1/09	0.5 U	0.5 U	0.33 J	0.38 J	0.77	--	0.5 U	--	0.39 J	0.97	0.5 U	0.5 U	0.5 U	**50**	**11**	2.5	0.5 U	0.5 U	4.2	0.5 U	**12**	--
			4/14/09	1 U	1 U	1 U	0.44 J	--	5 U	1 U	1 U	0.29 J	0.89 J	1 U	1 U	1 U	**50**	**11**	1.9	1 U	1 U	3.4	1 U	9.5	66
			5/5/09	0.5 U	0.5 U	0.4 J	**0.51**	0.62	--	0.5 U	--	**0.52**	1.2	0.5 U	0.5 U	0.5 U	**48 J**	**12**	2.7	0.5 U	0.5 U	**5.5**	0.5 U	**12**	--
			6/23/09	0.5 U	0.5 U	0.36 J	0.33 J	0.82	--	0.5 U	--	0.35 J	0.87	0.5 U	0.5 U	0.5 U	**59**	**9.4**	2.5	0.5 U	0.5 U	3.2	0.5 U	**11**	--
			7/8/09	0.5 U	0.5 U	0.4 J	0.36 J	0.67	--	0.5 U	--	0.37 J	0.85	0.5 U	0.5 U	0.5 U	**53 J**	**8.9**	2.7	0.5 U	0.5 U	3.9	0.5 U	**11**	--
			8/5/09	0.5 U	0.5 U	0.33 J	**0.53**	0.72 J	--	0.5 U	--	0.49 J	1.3	0.5 U	0.5 U	0.5 U	**37 J**	**9.2**	2.7	0.5 U	0.5 U	4.6	0.5 U	**12**	--
			9/2/09	0.5 U	0.5 U	0.38 J	0.35 J	0.61	--	0.5 U	--	0.38 J	1	0.5 U	0.5 U	0.5 U	**42**	**8.7**	2.7	0.5 U	0.5 U	3.9	0.5 U	**12**	--
			10/6/09	0.5 U	0.5 U	0.3 J	0.4 J	0.68	--	0.5 U	--	0.36 J	0.94	0.5 U	0.5 UJ	0.5 U	**38**	**11**	2 J	0.5 UJ	0.5 U	3.8	0.5 U	**11**	--
			11/4/09	0.5 U	0.5 U	0.44 J	0.49 J	0.67	--	0.5 U	--	0.42 J	1.1	0.5 U	0.5 U	0.5 U	**35 J**	**9.5**	3	0.5 U	0.5 U	4.9	0.5 U	**11**	--
			12/2/09	0.5 U	0.5 U	0.3 J	0.36 J	0.53	--	0.5 U	--	0.31 J	0.89	0.5 U	0.5 U	0.5 U	**34 J**	**11**	2.1	0.5 U	0.5 U	3.7	0.5 U	**12**	--
SGVWC B5E	08000205		1/2/09	1 U	1 U	1 U	0.29 J	--	5 U	1 U	1 U	**1.8**	1 U	1 U	1 U	1 U	**61**	**7**	0.69 J	1 U	1 U	3.9	1 U	3.0	27
			1/7/09	0.5 U	0.5 U	0.5 U	0.33 J	0.5 U	--	0.5 U	--	**2**	0.33 J	0.2 J	0.5 U	0.5 U	**63 J**	**6.5**	0.81	0.5 U	0.5 U	4.4	0.5 U	3.0	--
			2/4/09	0.5 U	0.5 U	0.5 U	0.35 J	0.5 U	--	0.5 U	--	**2.1**	0.34 J	0.22 J	0.5 U	0.5 U	**54**	**8.6**	0.89	0.5 U	0.5 U	4.8	0.5 U	3.2	--
			3/3/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	**2.1**	0.33 J	0.5 U	0.5 U	0.5 U	**71**	**8.1**	0.69	0.5 U	0.5 U	4.8	0.5 U	3.2	--
			4/1/09	0.5 U	0.5 U	0.5 U	0.28 J	0.5 U	--	0.5 U	--	**1.9**	0.3 J	0.19 J	0.5 U	0.5 U	**68**	**7.4**	0.75	0.5 U	0.5 U	4.7	0.5 U	3.5	--
			4/14/09	1 U	1 U	1 U	0.35 J	--	5 U	1 U	1 U	**1.7**	0.33 J	1 U	1 U	1 U	**63**	**7.2**	0.71 J	1 U	1 U	4.4	1 U	2.8	28
			5/5/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	**2.5**	0.37 J	0.21 J	0.5 U	0.5 U	**53 J**	**8.1**	0.77	0.5 U	0.5 U	**6.2**	0.5 U	3.5	--
			6/2/09	0.5 U	0.5 U	0.5 U	0.36 J	0.5 U	--	0.5 U	--	**1.9**	0.32 J	0.22 J	0.5 U	0.5 U	**62**	**7.5**	0.76	0.5 U	0.5 U	4.8	0.5 U	3.5	--
			7/8/09	0.5 U	0.5 U	0.5 U	0.32 J	0.5 U	--	0.5 U	--	**1.9**	0.28 J	0.22 J	0.5 U	0.5 U	**55 J**	**6.7**	0.82	0.5 U	0.5 U	4.8	0.5 U	3.2	--
			8/5/09	0.5 U	0.5 U	0.5 U	0.41 J	0.5 UJ	--	0.5 U	--	**2.2**	0.36 J	0.2 J	0.5 U	0.5 U	**45 J**	**6.6**	0.86	0.5 U	0.5 U	**5.4**	0.5 U	3.5	--
			9/2/09	0.5 U	0.5 U	0.5 U	0.31 J	0.5 U	--	0.5 U	--	**2**	0.33 J	0.26 J	0.5 U	0.5 U	**53**	5.4	0.91	0.5 U	0.5 U	**5.2**	0.5 U	3.7	--
			10/6/09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	--	**1.8**	0.32 J	0.24 J	0.5 UJ	0.5 U	**52**	**8.5**	0.89 J	0.5 UJ	0.5 U	**5.1**	0.5 U	3.5	--
			11/4/09	0.5 U	0.5 U	0.5 UJ	0.4 J	0.5 U	--	0.5 U	--	**2.4**	0.45 J	0.34 J	0.5 U	0.5 U	**44 J**	**7.2**	1.1	0.5 U	0.5 U	**6.6**	0.5 U	2.8	--
			12/2/09	0.5 U	0.5 U	0.5 U	0.35 J	0.5 U	--	0.5 U	--	**1.9**	0.34 J	0.24 J	0.5 U	0.5 U	**47 J**	**8.5**	0.84	0.5 U	0.5 U	**5.3**	0.5 U	3.5	--
Multiport Monitoring Wells																									
EPA MW 5-01	EPAW51	Port 13	4/24/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.11 U	37
		Port 12	4/24/09	1 U	0.79 J	2.1	0.5 U	**3 UJ**	5 U	1 U	1 U	0.5 U	0.44 J	0.85 J	1 U	1 U	2 U	2.3 J	1.5	1 U	1 U	1.7	1 U	0.59	42
		Port 11	4/24/09	1 U	3.4	19	0.5 U	**3.1 UJ**	5 U	1 U	1 U	0.5 U	0.86 J	2.2	1 U	1 U	2.1 U	5.4	**5**	1 U	1 U	8	1 U	2.5	47

TABLE 5-3
2009 GROUNDWATER QUALITY MONITORING RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,4-Dioxane (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	NDMA (ng/L)	Perchlorate (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Xylenes, Total [b] (µg/L)	Nitrate as N [c] (mg/L)	Sulfate (mg/L)
Federal or California State MCL (NL) [SMCL] [d]				**200**	**5**	**6**	**0.5**	**(3)**	**--**	**1**	**160**	**0.5**	**80**	**6**	**300**	**5**	**(10)**	**6**	**5**	**150**	**10**	**5**	**1750**	**10**	**[250]**
		Port 10	4/23/09	1 U	1 U	1 U	0.5 U	**3 U**	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2.4	1.3 J	1 U	1 U	1 U	1.4	1 U	1.0	43
		Port 10	4/23/2009 (Field Duplicate)	--	--	--	--	**3 U**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 9	4/23/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	3.6	3.1 J	1 U	1 U	1 U	2.8	1 U	1.4	45
		Port 8	4/23/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**7.7**	0.77 J	1 U	1 U	1.3	1 U	6.9	59
		Port 7	4/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	5.8	1 U	1 U	1 U	2.8	1 U	5.1	71
		Port 6	4/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.36 J	0.34 J	1 U	1 U	1 U	0.83 J	**11**	1 U	1 U	1 U	1.6	1 U	7.4	44
		Port 5	4/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.42 J	1 U	1 U	1 U	1 U	1.9 U	4.5	1 U	1 U	1 U	1 U	1 U	3.6	27
		Port 5	4/22/2009 (Field Duplicate)	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.47 J	1 U	1 U	1 U	1 U	1.9 U	4.6	1 U	1 U	1 U	1 U	1 U	3.6	27
		Port 4	4/21/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.86 J	4 U	1 U	1 U	1 U	2.1	1 U	0.11 U	25
		Port 3	4/21/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.79 J	4 U	1 U	1 U	1 U	0.3 J	1 U	0.11 U	26
		Port 2	4/20/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	3.7	4 U	1 U	1 U	1 U	0.91 J	1 U	0.11 U	25
		Port 1	4/20/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.1 J	4 U	1 U	1 U	1 U	1 U	1 U	0.24	32
MW 5-03	BPW503	Port 10	4/30/09-DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 10	10/2/09-DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 9	4/30/09	1 U	1.1	3.5	0.5 U	**20 UJ**	5 U	1 U	1 U	0.5 U	1 U	1.4	1 U	1 U	2.2 UJ	4 U	0.98 J	1 U	1 U	3.2	1 U	0.56	46
		Port 9	4/30/2009 (Field Duplicate)	1 U	1.1	3.4	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1.3	1 U	1 U	1.9 UJ	4 U	0.93 J	1 U	1 U	3.2	1 U	0.63	52
		Port 9	9/4/09	0.5 U	1.13	3.05	0.5 U	--	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U	0.5 U	--	--	0.71	0.5 U	0.5 U	2.71	0.5 U	--	--
		Port 9	10/2/09	1 U	1	1.8	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1.2	1 U	1 U	1.9 UJ	4.7	0.57 J	1 U	1 U	2.2	1 U	0.41	51
		Port 8	4/30/09	0.65 J	0.49 J	**16**	0.4 J	3 U	5 U	1 U	1 U	0.5 U	0.33 J	1 U	1 U	1 U	2 UJ	5.3	2	1 U	1 U	**5.8**	1 U	**13**	54
		Port 8	9/3/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 8	10/2/09	0.51 J	1 U	**10**	0.3 J	--	5 U	1 U	1 U	0.5 U	0.37 J	0.44 J	1 U	1 U	1.9 UJ	4.4	1.7	1 U	1 U	4.5	1 U	**11**	52
		Port 8	12/8/09	0.5 U	0.2 J	3.8	0.34 J	--	3 J	0.5 U	0.5 U	0.5 U	0.42 J	0.5 U	0.5 U	0.5 U	--	--	0.86	0.5 U	0.5 U	2.4	0.5 U	--	--
		Port 7	4/30/09	1 U	1 U	4.2	0.5 U	2.9 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	5.1	3	1 U	1 U	1.6	1 U	**19**	54
		Port 7	9/3/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 7	10/2/09	1 U	1 U	1.6	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	5.2	2.5	1 U	1 U	0.86 J	1 U	**19**	53
		Port 7	12/8/09	0.5 U	0.5 U	0.5 U	0.5 U	--	5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	--	--	1.8	0.5 U	0.5 U	0.74	0.5 U	--	--
		Port 6	4/30/09	1 U	1 U	4.1	0.5 U	2.9 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	**9.1**	3.8	1 U	1 U	1.1	1 U	**21**	52
		Port 6	9/3/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 6	10/2/09	1 U	1 U	2.5	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	**9.8**	2.8	1 U	1 U	0.87 J	1 U	**22**	51
		Port 6	12/8/09	0.5 U	0.5 U	2.2	0.5 U	--	3.4 J	0.5 U	0.5 U	0.39 J	0.22 J	0.5 U	0.5 U	0.5 U	--	--	2.1	0.5 U	0.5 U	0.68	0.5 U	--	--
		Port 5	4/29/09	1 U	1 U	0.6 J	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	0.73 J	1 U	1 U	3 J	**11**	4.4	1 U	1 U	2	1 U	8.8	34
		Port 5	9/2/09	--	--	--	--	0.96 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 5	10/2/09	0.5 U	0.5 U	0.5 J	0.5 U	--	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 J	0.5 U	0.5 U	0.82 J	**14**	3.4	0.5 U	0.5 U	1.65	1 U	**12**	41
		Port 4	4/29/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	0.99 J	1 U	1 U	1.4 J	**11**	0.64 J	1 U	1 U	0.49 J	1 U	6.3	32
		Port 4	9/2/09	--	--	--	--	0.96 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 4	10/2/09	0.5 U	0.5 U	0.5 U	0.5 U	--	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	--	--	0.64	0.5 U	0.5 U	0.5 U	0.5 U	--	--
		Port 3	4/29/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	**8.5**	1 U	1 U	1 U	1 U	1 U	3.0	22
		Port 3	9/2/09	--	--	--	--	0.95 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 3	10/2/09	0.5 U	0.5 U	0.5 U	0.5 U	--	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--
		Port 2	4/28/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	0.35 J	1 U	1 U	1 U	1.9 UJ	4 U	0.4 J	1 U	1 U	0.66 J	1 U	0.11 U	35
		Port 2	9/1/09	0.5 U	0.5 U	0.5 U	0.5 U	0.42 J	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.55	0.5 U	--	--
		Port 1	4/28/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	4 U	1 U	1 U	1 U	0.5 J	1 U	0.06 J	22
		Port 1	9/1/09	0.5 U	0.5 U	0.5 U	0.5 U	0.39 J	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.62	0.5 U	--	--
MW 5-05	BPW505	Port 4	4/13/09	1 U	1 U	1.8	0.5 U	1.1 J	5 U	1 U	1 U	0.5 U	0.97 J	3.6	1 U	1 U	2.2 U	**11**	**10**	1 U	1 U	**25**	1 U	**11**	51
		Port 4	8/26/09	0.5 U	0.15 J	2.4	0.5 U	--	3.35 J	0.5 U	0.5 U	0.25 J	1.15	3.65	0.5 U	0.5 U	--	--	**10.3**	0.5 U	0.5 U	**30.8**	0.5 U	--	--
		Port 3	4/13/09	1.2	3	**28**	**2**	**11**	5 U	1 U	1 U	**1.3**	5.5	**34**	1 U	1 U	**130**	**57**	**210**	1 U	1 U	**210**	1 U	4.4	35
		Port 3	4/13/2009 (Field Duplicate)	1.5	3.5	**26**	2.2	--	5 U	1 U	1 U	**1.6**	6.5	**40**	1 U	1 U	**130**	**58**	**240**	1 U	1	**250**	1 U	4.4	35
		Port 3	8/26/09	1.12	3.16	**33**	**2.18**	--	15.2	0.05 J	0.5 U	**1.66**	6.15	**33.8**	0.5 U	0.5 U	--	--	**196**	0.5 U	0.23 J	**246**	0.5 U	--	--
		Port 2	4/13/09	1.6	2.2	**30**	**1.7**	**5.7**	5 U	1 U	1 U	**1.1**	7.2	**33**	1 U	1 U	**110**	**47**	**250**	1 U	0.48 J	**220**	1 U	3.0	37
		Port 2	8/26/09	1.77	2.38	**41.6**	**2.13**	--	5.57	0.05 J	0.5 U	**1.41**	8.19	**32.8**	0.5 U	0.5 U	--	--	**363**	0.5 U	0.22 J	**315**	0.5 U	--	--
		Port 1	4/13/09	1 U	0.96 J	**9.5**	**3.4**	**5.5**	5 U	1 U	1 U	**7.5**	5.4	**10**	1 U	1 U	**280**	**160**	**63**	1 U	1 U	**170**	1 U	3.5	46
		Port 1	8/26/09	0.21 J	1.32	**13**	**4.28**	--	3.24 J	0.5 U	0.5 U	**8.54**	6.96	**12.2**	0.5 U	0.5 U	--	--	**74**	0.5 U	0.08 J	**220**	0.5 U	--	--
MW 5-08	BPW508	Port 4	5/6/09	1 U	1 U	5.4	0.5 U	3 U	5 U	1 U	1 U	0.5 U	2.8	4.3	1 U	1 U	2 U	**7.4**	**29**	1 U	1 U	**46**	1 U	**11**	45
		Port 4	8/27/09	0.14 J	0.19 J	5.81	0.16 J	--	5 U	0.5 U	0.5 U	0.31 J	3.42	4.46	0.5 U	0.5 U	--	--	**29.9**	0.5 U	0.5 U	**51.9**	0.5 U	--	--
		Port 3	5/6/09	1 U	1 U	1 U	0.5 U	2.9 U	5 U	1 U	1 U	**1.1**	1 U	1 U	1 U	1 U	1.9 U	4 U	0.74 J	1 U	1 U	0.82 J	1 U	1.4	29
		Port 3	8/27/09	0.5 U	0.5 U	0.19 J	0.5 U	--	5 U	0.5 U	0.5 U	**1.24**	0.07 J	0.08 J	0.5 U	0.5 U	--	--	1.12	0.5 U	0.5 U	1.27	0.5 U	--	--
		Port 2	5/6/09	1 U	1 U	1.2	0.5 U	2.9 U	5 U	1 U	1 U	**1.2**	1 U	0.69 J	1 U	1 U	1.9 U	1.2 J	**7.2**	1 U	1 U	**7.2**	1 U	1.8	38
		Port 2	5/6/2009 (Field Duplicate)	--	--	--	--	2.9 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 2	8/27/09	0.1 J	0.5 U	1.37	0.5 U	--	5 U	0.5 U	0.5 U	**1.23**	0.15 J	0.67	0.5 U	0.5 U	--	--	**7.88**	0.5 U	0.5 U	**8.1**	0.5 U	--	--
		Port 1	5/6/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	1.0	40
		Port 1	8/28/09	0.5 U	0.5 U	0.5 U	0.5 U	0.94 U	5 U	0.5 U	0.5 U	0.44 J	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.2 J	0.5 U	0.5 U	0.17 J	0.5 U	--	--
MW 5-11	BPW511	Port 3	5/4/09	1 U	1 U	1.8	0.5 U	2.4 J	5 U	1 U	1 U	0.5 U	0.79 J	1.2	1 U	1 U	1.9 U	**38**	**33**	1 U	1 U	**14**	1 U	3.3	54
		Port 3	9/18/09	0.13 J	0.37 J	1.84	0.5 U	--	5 U	0.5 U	0.29 J	0.33 J	0.86	0.45 J	0.5 U	0.5 U	2	--	**11.9**	0.5 U	0.5 U	**5.69**	0.5 U	--	--
		Port 2	5/4/09	1 U	1 U	0.67 J	0.5 U	0.49 J	5 U	1 U	1 U	0.5 U	1.2	0.67 J	1 U	1 U	1.9 U	1.6 J	**39**	1 U	1 U	**5.6**	1 U	4.2	48
		Port 2	9/17/09	0.5 U	0.5 U	0.56	0.5 U	--	5 U	0.5 U	0.5 U	0.31 J	1.25	0.32 J	0.5 U	0.5 U	--	--	**23**	0.5 U	0.5 U	2.62	0.5 U	--	--
		Port 1	5/4/09	1 U	1 U	2.6	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	0.57 J	1 U	1 U	1.9 U	3.2 J	**14**	1 U	1 U	**11**	1 U	**10**	43
		Port 1	9/17/09	0.11 J	0.5 U	2.63	0.5 U	--	5 U	0.5 U	0.19 J	0.32 J	0.15 J	0.71	0.5 U	0.5 U	--	--	**14.9**	0.5 U	0.5 U	**9.87**	0.5 U	--	--
MW 5-13	BPW513	Port 3	4/10/09	1 U	1 U	1 U	0.5 U	**3.4 UJ**	5 U	1 U	1 U	0.5 U	1.2	2.6	1 U	1 U	**340**	**30**	**62**	1 U	1 U	**26**	1 U	0.98	42
		Port 3	9/9/09	0.5 U	0.5 U	0.5 U	0.06 J	--	5 U	0.5 U	0.5 U	0.34 J	0.69	0.64	0.5 U	0.5 U	**27**	--	**10.1**	0.5 U	0.5 U	4.35	0.5 U	--	--
		Port 2	4/10/09	1 U	1 U	1 U	0.5 U	2.9 UJ	5 U	1 U	1 U	0.5 U	1.6	4.7	1 U	1 U	**47**	1.7 J	**190**	1 U	1 U	**120**	1 U	2.6	43
		Port 2	9/8/09	0.5 U	0.5 U	0.21 J	0.06 J	--	5 U	0.5 U	0.5 U	0.11 J	1.49	**7.6**	0.5 U	0.5 U	--	--	**183**	0.5 U	0.5 U	**101**	0.5 U	--	--
		Port 1	4/10/09	1 U	1 U	2.7	0.5 U	2.9 UJ	5 U	1 U	1 U	0.5 U	0.56 J	1 U	1 U	1 U	1.9 U	1.2 J	**15**	1 U	1 U	3	1 U	2.5	40

TABLE 5-3
2009 GROUNDWATER QUALITY MONITORING RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,4-Dioxane (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	NDMA (ng/L)	Perchlorate (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Xylenes, Total [b] (µg/L)	Nitrate as N [c] (mg/L)	Sulfate (mg/L)
Federal or California State MCL (NL) [SMCL] [d]				**200**	**5**	**6**	**0.5**	**(3)**	**--**	**1**	**160**	**0.5**	**80**	**6**	**300**	**5**	**(10)**	**6**	**5**	**150**	**10**	**5**	**1750**	**10**	**[250]**
		Port 1	9/8/09	0.07 J	0.05 J	2.62	0.12 J	--	5 U	0.5 U	0.26 J	0.5 U	0.53	0.35 J	0.5 U	0.5 U	--	--	**16.7**	0.5 U	0.5 U	2.85	0.5 U	--	--
MW 5-15	BPW515	Port 3	5/5/09	1 U	0.45 J	1	0.5 U	1.5 J	5 U	1 U	1 U	0.5 U	0.62 J	3	1 U	1 U	2.2 U	**21**	**6.2**	1 U	1 U	**16**	1 U	4.4	48
		Port 3	8/28/09	0.5 U	0.57	1.55	0.18 J	--	5 U	0.5 U	0.5 U	0.1 J	0.8	3.99	0.5 U	0.5 U	--	--	**7.41**	0.5 U	0.5 U	**21**	0.5 U	--	--
		Port 2	5/5/09	1 U	3.3	**6.4**	**0.56**	**8.3**	5 U	1 U	1 U	0.3 J	1.6	**8**	1 U	1 U	**32**	**27**	**21**	1 U	1 U	**36**	1 U	4.1	50
		Port 2	8/28/09	0.5 U	2.38	4.49	**0.58**	--	5 U	0.5 U	0.5 U	0.23 J	1.52	**7.03**	0.5 U	0.5 U	--	--	**13.7**	0.5 U	0.5 U	**32.7**	0.5 U	--	--
		Port 1	5/5/09	1 U	2	0.68 J	**6.1**	**5.4**	5 U	1 U	1 U	**3.1**	5.7	4.3	1 U	1 U	**680**	**150**	**9.6**	1 U	1 U	**140**	1 U	5.7	38
		Port 1	8/28/09	0.5 U	2.34	0.67	**5.35**	--	5 U	0.5 U	0.5 U	**2.89**	5.37	4.47	0.5 U	0.5 U	--	--	**9.01**	0.5 U	0.07 J	**125**	0.5 U	--	--
MW 5-17	BPW517	Port 3	4/27/09	1 U	1 U	0.75 J	**0.77**	2.8 J	5 U	1 U	1 U	**0.94**	1.4	**9.9**	1 U	1 U	**25 J**	**130**	**220**	1 U	1 U	**86**	1 U	4.6	40
		Port 2	4/27/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	0.78 J	1.7	1 U	1 U	1.9 UJ	2.1 J	**87**	1 U	1 U	**50**	1 U	3.9	48
		Port 2	8/31/09	0.5 U	0.5 U	0.14 J	0.5 U	--	5 U	0.5 U	0.5 U	0.14 J	0.96	1.77	0.5 U	0.5 U	2 U		**124**	0.5 U	0.5 U	**61.3**	0.5 U	--	--
		Port 1	4/27/09	1 U	1 U	1 U	0.5 U	2.8 UJ	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	1.3 J	**7.4**	1 U	1 U	**6.4**	1 U	1.4	41
		Port 1	8/31/09	0.5 U	0.5 U	0.22 J	0.5 U	--	5 U	0.5 U	0.5 U	0.1 J	0.22 J	0.12 J	0.5 U	0.5 U	--	--	**8.73**	0.5 U	0.5 U	**7.23**	0.5 U	--	--
MW 5-18	BPW518	Port 3	5/1/09	1 U	1 U	1.2	0.5 U	3 U	5 U	1 U	1 U	0.5 U	0.43 J	1 U	1 U	1 U	2 UJ	2.7 J	1.8	1 U	1 U	1.8	1 U	**12**	52
		Port 3	9/16/09	0.13 J	0.5 U	1.43	0.5 U	--	5 U	0.5 U	0.5 U	0.5 U	0.47 J	0.19 J	0.5 U	0.5 U	--	--	2.19	0.5 U	0.5 U	2.15	0.5 U	--	--
		Port 2	5/1/09	1 U	1 U	0.85 J	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	**9.1**	0.87 J	1 U	1 U	1 U	1 U	**22**	48
		Port 2	9/15/09	0.5 U	0.5 U	0.77	0.5 U	--	5 U	0.5 U	0.5 U	0.33 J	0.11 J	0.24 J	0.5 U	0.5 U	2.3	--	0.83	0.5 U	0.5 U	0.25 J	0.5 U	--	--
		Port 1	5/1/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 UJ	**6.7**	0.38 J	1 U	1 U	1 U	1 U	**21**	47
MW 5-19	BPW519	Port 6	5/12/09	1 U	1 U	1 U	**0.88**	0.48 J	5 U	1 U	1 U	0.37 J	0.91 J	1 U	1 U	1 U	1.9 U	4.2	3.8	1 U	1 U	**7.5**	1 U	3.9	93
		Port 5	5/12/09	1 U	1 U	1 U	0.5 U	0.67 J	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	**46**	**24**	1 U	1 U	1 U	1 U	1 U	**16**	56
		Port 5	10/5/09	1 U	1 U	1 U	**0.83**	--	5 U	1 U	1 U	0.46 J	0.96 J	1 U	1 U	1 U	**55**	**23**	3.8	1 U	1 U	**7.2**	1 U	**18**	60
		Port 5	10/5/2009 (Field Duplicate)	1 U	1 U	1 U	**0.83**	--	5 U	1 U	1 U	0.47 J	1	1 U	1 U	1 U	**54**	**23**	3.7	1 U	1 U	**7.5**	1 U	17	62
		Port 4	5/12/09	1 U	1 U	0.71 J	0.5 U	2.9 U	5 U	1 U	1 U	**4.2**	0.5 J	1	1 U	1 U	**17**	**11**	2.8	1 U	1 U	**11**	1 U	3.8	26
		Port 4	10/5/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**3.4**	1 U	0.34 J	1 U	1 U	**47**	4.6	1.1	1 U	1 U	4	1 U	2.6	25
		Port 3	5/11/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**5.3**	1 U	1 U	1 U	1 U	1.9 U	1 J	0.41 J	1 U	1 U	1.6	1 U	2.6	30
		Port 3	10/5/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**6.4**	1 U	1 U	1 U	1 U	1.9 U	3 J	0.52 J	1 U	1 U	2	1 U	2.7	29
		Port 2	5/11/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.28 J	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.89	25
		Port 1	5/11/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.78	23
MW 5-20	BPW520	Port 7	5/21/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**8.6**	0.78 J	1 U	1 U	2.4	1 U	**14**	88
		Port 6	5/21/09	1 U	1 U	1 U	0.5 U	2.9 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2.9	**18**	1	1 U	1 U	1.6	1 U	**14**	46
		Port 6	5/21/2009 (Field Duplicate)	--	--	--	--	2.9 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 5	5/21/09	1 U	1 U	1 U	0.41 J	3 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	**44**	**8**	1 U	1 U	1 U	**5.2**	1 U	0.8	17
		Port 4	5/20/09	1 U	0.6 J	2.2	**4.4**	**3.5 J**	5 U	1 U	1 U	**3.7**	2.9	4	1 U	1 U	**850**	**120**	**7**	1 U	1 U	**73**	1 U	5.2	38
		Port 3	5/20/09	1 U	1.2	5.1	**3.6**	**4.1 J**	5 U	1 U	1 U	**6**	3.2	**7.7**	1 U	1 U	**550**	**140**	**14**	1 U	1 U	**96**	1 U	4.7	43
		Port 2	5/19/09	1 U	1 U	0.67 J	0.41 J	2.8 U	5 U	1 U	1 U	**3.1**	0.98 J	0.86 J	1 U	1 U	**21**	**9.6**	2.1	1 U	1 U	**11**	1 U	1.1	27
		Port 1	5/19/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**8.8**	0.37 J	1 U	1 U	1 U	1.9 U	1 J	1 U	1 U	1 U	0.53 J	1 U	1.8	31
		Port 1	5/19/2009 (Field Duplicate)	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**6.2**	1 U	1 U	1 U	1 U	1.9 U	1.1 J	1 U	1 U	1 U	0.37 J	1 U	1.9	31
MW 5-22	BPW522	Port 6	5/26/09	1 U	0.41 J	4.3	0.5 U	--	5 U	1 U	1 U	0.5 U	0.77 J	1 U	1 U	1 U	1.9 U	4.3	2	1 U	1 U	0.98 J	1 U	**13**	140
		Port 6	5/26/2009 (Field Duplicate)	1 U	1 U	3.3	0.5 U	--	5 U	1 U	1 U	0.5 U	0.62 J	1 U	1 U	1 U	1.9 U	4.3	1.7	1 U	1 U	0.78 J	1 U	**14**	150
		Port 6	6/17/09	0.5 U	0.5 U	3.96	0.5 U	0.55 J	5 U	0.5 U	0.5 U	**0.57**	0.74	0.5 U	0.5 U	0.5 U	--	--	1.81	0.5 U	0.5 U	0.77	0.5 U	--	--
		Port 5	5/26/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4	1 U	1 U	1 U	0.77 J	1 U	4.8	29
		Port 5	6/17/09	0.5 U	0.5 U	0.5 U	0.5 U	0.94 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.59	0.5 U	--	--
		Port 4	5/26/09	1 UJ	1 UJ	1 UJ	**0.5 UJ**	--	5 U	1 UJ	1 UJ	**0.5 UJ**	1 UJ	1 UJ	1 UJ	1 UJ	1.9 U	1.1 J	1 UJ	1 UJ	1 UJ	0.37 J	1 UJ	0.94	17
		Port 4	6/17/09	0.5 U	0.5 U	0.5 U	0.5 U	0.95 U	5 U	0.5 U	0.5 U	**0.51**	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--
		Port 3	5/22/09	1 U	1 U	0.82 J	**1**	--	5 U	1 U	1 U	**5.3**	1	1.4	1 U	1 U	--	**25**	2.3	1 U	1 U	**19**	1 U	3.5	26
		Port 3	6/16/09	1 U	1 U	1	**1.1**	0.73 J	5 U	1 U	1 U	**5**	1.1	1.5	1 U	1 U	**88**	**29**	2.1	1 U	1 U	**20**	1 U	3.5 J	29
		Port 3	6/16/2009 (Field Duplicate)	0.5 U	0.5 U	0.85	**0.83**	0.66 J	5 U	0.5 U	0.5 U	**5.29**	0.83	0.76	0.5 U	0.5 U	--	--	1.48	0.5 U	0.5 U	**16.8**	0.5 U	--	--
		Port 2	5/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.48 J	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.66	20
		Port 2	6/16/09	0.5 U	0.5 U	0.5 U	0.5 U	0.95 U	5 U	0.5 U	0.5 U	**0.76**	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--
		Port 1	5/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**1.7**	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	1.0	27
		Port 1	6/16/09	0.5 U	0.5 U	0.5 U	0.5 U	0.95 U	5 U	0.5 U	0.5 U	**2.51**	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--
MW 5-23	BPW523	Port 6	5/18/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	4 U	1 U	1 U	1 U	1 U	1 U	0.67	85
		Port 5	5/18/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	0.65 J	1 U	1 U	1 U	1.6 J	**14**	2.6	1 U	1 U	2.2	1 U	**18**	78
		Port 4	5/18/09	1 U	1 U	1 U	**5.2**	3.1 U	5 U	1 U	1 U	**3.2**	2.6	0.66 J	1 U	1 U	**830**	**57**	1.8	1 U	1 U	**37**	1 U	6.7	34
		Port 3	5/15/09	1 U	0.53 J	3.1	**3**	2.4 J	5 U	1 U	1 U	**5.4**	2.6	5.4	1 U	1 U	**450**	**74**	**11**	1 U	1 U	**63**	1 U	4.6	34
		Port 2	5/15/09	1 U	1 U	1 U	0.5 U	2.9 U	5 U	1 U	1 U	**9.1**	0.49 J	0.47 J	1 U	1 U	1.9 U	5.1	1.2	1 U	1 U	**5.1**	1 U	2.4	28
		Port 1	5/15/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**10**	0.45 J	0.41 J	1 U	1 U	1.9 U	3.1 J	1.4	1 U	1 U	4.5	1 U	2.4	33
MW 5-24	BPW524	Port 7	4/7/09	0.5 J	1.6	**10**	0.46 J	--	5 U	1 U	1 U	0.37 J	2.4	5.9	1 U	1 U	1.9 U	4 U	**72**	1 U	1 U	**46**	1 U	**10**	48
		Port 7	9/29/09	0.34 J	2.4	**11**	0.28 J	--	5 U	1 U	1 U	0.5 U	1.8	4.8	1 U	1 U	2U	**23**	**44**	1 U	1 U	**31**	1 U	**16**	47
		Port 6	4/7/09	2 U	1.5 J	**8.1**	1 U	--	10 U	2 U	2 U	**4.2**	4.3	**14**	2 U	2 U	**83**	4 U	**240**	2 U	2 U	**220**	2 U	5.2	46
		Port 6	9/29/09	2 U	2.4	**11**	**1.1**	--	10 U	2 U	2 U	**3.1**	4	**15**	2 U	2 U	**95**	**84**	**210**	2 U	2 U	**180**	2 U	5.5	48
		Port 5	4/7/09	5 U	5 U	**13**	2.5 U	1.7 J	25 U	5 U	5 U	2.5 U	6	**19**	5 U	5 U	**250**	4 U	**370**	5 U	5 U	**270**	5 U	0.11 U	45
		Port 5	9/29/09	5 U	5 U	**14**	2.5 U	--	25 U	5 U	5 U	2.5 U	4.8 J	**22**	5 U	5 U	**160**	23	**310**	5 U	5 U	**230**	5 U	2.1	44
		Port 4	4/7/09	1 U	1 U	1.2	0.5 U	0.9 J	6.4	1 U	1 U	**0.77**	1.4	**10**	1 U	1 U	4.9	3.6 J	**240**	1 U	1 U	**280**	1 U	3.6	46
		Port 4	9/29/09	2 U	2 U	1.8 J	1 U	--	10 U	2 U	2 U	**0.8 J**	1.5 J	**11**	2 U	2 U	6	4.7	**200**	2 U	2 U	**260**	2 U	5.2	44
		Port 3	4/6/09	1 U	1 U	1 U	0.5 U	1.4 J	5 U	1 U	1 U	0.48 J	1 U	1 U	1 U	1 U	1.9 U	1.1 J	**13**	1 U	1 U	**29**	1 U	4.4	49
		Port 3	9/28/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**0.6**	1 U	1 U	1 U	1 U	2 U	4 U	**14**	1 U	1 U	**31**	1 U	4.9	48
		Port 2	4/6/09	1 U	1 U	1 U	0.5 U	**13 J**	5 U	1 U	1 U	**0.5**	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	1.7	60
		Port 2	9/28/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**0.51**	1 U	1 U	1 U	1 U	2 U	4 U	1 U	1 U	1 U	1 U	1 U	1.9	62
		Port 1	4/6/09	1 U	1 U	1 U	0.5 U	**9.2 J**	5 U	1 U	1 U	0.35 J	1 U	1 U	1 U	1 U	1.9 U	4 U	0.39 J	1 U	1 U	1 U	1 U	1.2	49
		Port 1	9/28/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.41 J	1 U	1 U	1 U	1 U	2 U	4 U	0.36 J	1 U	1 U	1 U	1 U	1.3	47
MW 5-25	BPW525	Port 7	4/9/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	0.81 J	1 U	1 U	1 U	1.9 U	**10**	0.75 J	1 U	1 U	0.69 J	1 U	6.1	46
		Port 7	11/12/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	0.48 J	1 U	1 U	1 U	2.1 U	**9.3**	0.52 J	1 U	1 U	0.27 J	1 U	5.3	42

TABLE 5-3
2009 GROUNDWATER QUALITY MONITORING RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,4-Dioxane (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	NDMA (ng/L)	Perchlorate (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Xylenes, Total [b] (µg/L)	Nitrate as N [c] (mg/L)	Sulfate (mg/L)
Federal or California State MCL (NL) [SMCL] [d]				**200**	**5**	**6**	**0.5**	**(3)**	**--**	**1**	**160**	**0.5**	**80**	**6**	**300**	**5**	**(10)**	**6**	**5**	**150**	**10**	**5**	**1750**	**10**	**[250]**
		Port 6	4/9/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	2.9 J	1 U	1 U	1 U	0.31 J	1 U	5.8	42
		Port 6	11/12/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	2.3 J	1 U	1 U	1 U	1 U	1 U	4.0	38
		Port 6	11/12/2009 (Field Duplicate)	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	1.8 J	1 U	1 U	1 U	1 U	1 U	4.1	38
		Port 5	4/9/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	0.4 J	1 U	1 U	1 U	1.9 U	**20**	1.3	1 U	1 U	0.89 J	1 U	**18**	62
		Port 5	11/12/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	0.34 J	1 U	1 U	1 U	2 U	**18**	1.1	1 U	1 U	0.96 J	1 U	**17**	59
		Port 4	4/9/09	1 U	1 U	1 U	0.5 U	2.8 UJ	5 U	1 U	1 U	**0.74**	0.37 J	1 U	1 U	1 U	1.9 U	**14**	0.78 J	1 U	1 U	1.7	1 U	**14**	56
		Port 4	11/12/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**0.52**	1 U	1 U	1 U	1 U	2 U	**15**	0.69 J	1 U	1 U	1.3	1 U	**13**	61
		Port 3	4/8/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	**0.69**	1 U	1 U	1 U	1 U	1.9 U	**15**	0.64 J	1 U	1 U	1 U	1 U	**13**	30
		Port 3	11/11/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U	2 U	**18**	0.8 J	1 U	1 U	1 U	1 U	**16**	32
		Port 2	4/8/09	1 U	1 U	1 U	0.5 U	0.83 J	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	1.4 J	1 U	1 U	1 U	1 U	1 U	0.76	18
		Port 2	11/11/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	1.3 J	1 U	1 U	1 U	1 U	1 U	0.34	24
		Port 1	4/8/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	**5**	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.85	28
		Port 1	11/11/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	**3.8**	1 U	1 U	1 U	1 U	2 U	4 U	1 U	1 U	1 U	1 U	1 U	0.90	29
MW 5-26	BPW526	Port 7	4/17/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	0.43 J	1 U	2.1	52
		Port 7	10/1/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	0.99 J	1 U	1 U	1 U	0.55 J	1 U	2.1	46
		Port 6	4/17/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	3.4 J	0.32 J	1 U	1 U	1.5	1 U	5.7	54
		Port 6	10/1/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1.4	1.9 U	1.3 J	1 U	1 U	1 U	0.32 J	1 U	2.5	40
		Port 5	4/15/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	2.6	43
		Port 5	10/1/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1.6	1.9 U	1.7 J	1 U	1 U	1 U	1 U	1 U	4.2	56
		Port 4	4/15/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.47	22
		Port 4	10/1/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1.9	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.49	21
		Port 3	4/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.45	21
		Port 3	9/30/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.41	20
		Port 2	4/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.46	27
		Port 2	9/30/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.45	26
		Port 1	4/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.42	30
		Port 1	9/30/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2.6 U	4 U	1 U	1 U	1 U	1 U	1 U	0.47	29
MW 5-27	BPW527	Port 7	5/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1 J	4 U	1 U	1 U	1 U	1 U	1 U	1.1	79
		Port 7	10/7/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.93	80
		Port 6	5/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	2.1 J	1 U	1 U	1 U	0.35 J	1 U	1.8	42
		Port 6	10/7/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	1.4 J	1 U	1 U	1 U	1 U	1 U	1.4	38
		Port 5	5/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.93	21
		Port 5	10/7/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.92	21
		Port 4	5/14/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	1.1 J	1 U	1 U	1 U	1	1 U	3.2	49
		Port 4	10/7/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	1.2 J	1 U	1 U	1 U	1.2	1 U	3.4	48
		Port 3	5/13/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.30	21
		Port 3	10/6/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.26	20
		Port 2	5/13/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.43	19
		Port 2	10/6/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.43	19
		Port 1	5/13/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.21	20
		Port 1	10/6/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.26	20
WHICO MP-1	W10WHMP1	Port 6	5/7/09-DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Port 5	5/8/09	2 U	2 U	2 U	1 U	2.1 J	10 U	2 U	2 U	1 U	0.88 J	5	2 U	2 U	**160**	**100**	**110**	2 U	2 U	**44**	2 U	2.8	41
		Port 5	5/8/2009 (Field Duplicate)	2 U	2 U	2 U	1 U	--	10 U	2 U	2 U	1 U	0.98 J	5.3	2 U	2 U	**150**	**120**	**120**	2 U	2 U	**46**	2 U	2.8	41
		Port 4	5/8/09	10 U	10 U	10 U	5 U	0.84 J	50 U	10 U	10 U	5 U	10 U	**14**	10 U	10 U	**15**	1.9 J	**590**	10 U	10 U	**150**	10 U	1.6	42
		Port 3	5/7/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	0.94 J	0.78 J	1 U	1 U	1.9 U	4 U	**83**	1 U	1 U	**28**	1 U	0.11 U	46
		Port 2	5/7/09	1 U	1 U	0.47 J	0.5 U	0.44 J	5 U	1 U	1 U	0.5 U	0.84 J	1 U	1 U	1 U	2 U	2 J	**14**	1 U	1 U	**8.6**	1 U	4.3	48
		Port 1	5/7/09	1 U	1 U	1.4	0.5 U	0.55 J	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	**12**	1 U	1 U	**5.8**	1 U	0.11 U	42
Other Monitoring Wells																									
AJ MW-2	W11AJMW2		4/16/09-DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AJ MW-3	W11AJMW3		4/16/09-DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ALR MW-1R	W11AZW1R		8/11/09	0.4 J	1 U	5	0.5 U	2.9 U	5 U	1 U	1 U	0.5 U	0.52 J	1 U	1 U	1 U	1.9 U	1.1 J	1.2	1 U	1 U	**6.9**	1 U	4.5	53
ALR MW-8	W11AZW08		8/11/09	0.68 J	1 U	4.3	0.5 U	2.9 U	5 U	1 U	1 U	0.5 U	0.72 J	1 U	1 U	1 U	0.8 J	2.5 J	1.1	1 U	1 U	2.7	1 U	8.3	52
ALR MW-9	W11AZW09		8/11/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	0.58 J	1.3	1 U	1 U	**1800**	**21**	**7.5**	1 U	1 U	3	1 U	0.98	28
LACO KEY	Z1000006		7/8/09	1 U	2.1	**9.8**	0.36 J	**7.6 J**	5 U	1 U	1 U	0.5 U	2.9	**8.1**	1 U	1 U	2	**22**	**45**	1 U	1 U	**54**	1 U	9.8	48
Production Wells																									
CC E DURBIN	01902920		Inoperable in 2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CDWC 3	01903057		1/5/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**30**	**8.3**	--	--	--	--	--	--	--
			2/2/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**30**	**8.8**	--	--	--	--	--	--	--
			3/2/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**19**	**8**	--	--	--	--	--	--	--
			4/6/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**21**	--	--	--	--	--	--	--	--
			4/6/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.8**	--	--	--	--	--	--	--
			6/8/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**25**	**9.1**	--	--	--	--	--	--	--
			7/6/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**25**	**7.9**	--	--	--	--	--	--	--
			8/3/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	**9.7**	--	--	--	--	--	--	--
			9/8/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**24**	**9.6**	--	--	--	--	--	--	--
			10/5/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**21**	**8.4**	--	--	--	--	--	--	--
			10/7/09	1 U	1 U	2.7	0.5 U	0.62 J	5 U	1 U	1 U	1.9	0.53 J	2.1	1 U	1 U	**30**	**8.7**	**14**	1 U	1 U	**23**	1 U	5 .0	40
			11/2/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**21 J**	**8.2**	--	--	--	--	--	--	--
			12/7/09	--	--	--	--	--	--	--	--	--	--	--	--	--	**24**	**8**	--	--	--	--	--	--	--

TABLE 5-3
2009 GROUNDWATER QUALITY MONITORING RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,4-Dioxane (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Carbon Disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	NDMA (ng/L)	Perchlorate (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Xylenes, Total [b] (µg/L)	Nitrate as N [c] (mg/L)	Sulfate (mg/L)
Federal or California State MCL (NL) [SMCL] [d]				**200**	**5**	**6**	**0.5**	**(3)**	**--**	**1**	**160**	**0.5**	**80**	**6**	**300**	**5**	**(10)**	**6**	**5**	**150**	**10**	**5**	**1750**	**10**	**[250]**
CDWC 14	08000174		Inoperable in 2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CIC BALDWIN 1	01900885		10/28/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	0.9 J	1 U	1 U	1 U	1 U	1 U	1.6	28
LACO SANTA FE	08000070		3/2/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	2.5	45
SGVWC B6D	78000098		3/13/09	0.5 U	1.1	0.98	**2.9**	--	--	0.5 U	--	**4.8**	2.6	2.4	0.5 U	0.5 U	5000 U	--	**5.6**	0.5 U	0.5 U	**12 NJ**	0.5 U	--	--
			5/7/09	0.5 U	1.5	1.2	**3.6**	2	--	0.5 U	--	**5.4**	3.1	3.1	0.5 U	0.5 U	**430**	**88**	**6.6**	0.5 U	0.5 U	**99**	0.5 U	5.1	36
			5/7/2009 (Field Duplicate)	1 U	1.1	0.95 J	**3.5**	2.2 J	5 U	1 U	1 U	**4.5**	2.9	2.8	1 U	1 U	**240**	**90**	**7.1**	1 U	1 U	**87**	1 U	4.7	35
			8/24/09	0.5 UJ	1.3	1.1	**3**	2.1	--	0.5 U	--	**4.4**	2.9	3	0.5 U	0.5 U	**240**	**73**	**6.8**	0.5 U	0.5 U	**67**	0.5 U	4.8	38
			11/23/09	0.5 U	1.1	1	**2.8**	2.2	--	0.5 U	--	**3.5**	2.7	2.9	0.5 U	0.5 U	**300**	**88**	**6.1**	0.5 U	0.5 U	**72**	0.5 U	5.1	36
SWS 139W2	01901599	285[e]	10/13/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	0.59 J	1 U	1 U	1 U	1.9 U	**33**	1 U	1 U	1 U	1 U	1 U	**23**	80
		370	10/13/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	0.49 J	1 U	1 U	1 U	2.1 U	**33**	1 U	1 U	1 U	1 U	1 U	**24**	81
SWS 139W4	8000069		2/6/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**9.4**	1 U	1 U	1 U	1 U	1 U	9.7	37
			12/15/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**9.2**	1 U	1 U	1 U	1 U	1 U	9.7	35
SWS 139W6	08000152	975	10/13/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2.1 U	**12**	1 U	1 U	1 U	1 U	1 U	8.1	43
SWS 140W3	01903067		12/15/09	1 U	1 U	1.1	0.5 U	0.69 J	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	5.6	1 U	1 U	1 U	3.2	1 U	**10**	49
SWS 140W5	08000145		12/15/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5.5	**8.6**	1 U	1 U	1 U	0.68 J	1 U	6.3	31
VCWD BIG	01900035	275	8/25/09	0.5 U	0.5 U	0.5 U	**1.04**	0.94 U	7.75	0.5 U	0.5 U	0.32 J	0.71	0.16 J	0.5 U	0.5 U	--	0.47 J	0.5 U	0.5 U	3.95	--	0.5 U	**17**	55
DALTON		275	10/14/09	1 U	1 U	1 U	0.72	0.76 J	5 U	1 U	1 U	0.5 U	0.61 J	1 U	1 U	1 U	**98**	**20**	1 U	1 U	1 U	3.2	1 U	**16**	57
		410	8/25/09	0.5 U	0.5 U	0.5 U	0.08 J	0.94 U	5 U	0.5 U	0.15 J	0.5 U	0.16 J	0.5 U	0.5 U	0.5 U	--	0.21 J	0.5 U	0.5 U	0.56	--	0.5 U	**16**	63
		410	10/14/09	1 U	1 U	1 U	0.5 U	3.2 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	7.9	**14**	1 U	1 U	1 U	0.45 J	1 U	**15**	67
VCWD E MAINE	01900027		3/2/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	1.6 J	3.6	1 U	1 U	1.5	1 U	2.9	27
VCWD MORADA	01900029	430	10/12/09	1 U	1 U	1 U	0.5 U	2.9 U	5 U	1 U	1 U	0.5 U	1.6	1 U	1 U	1 U	1.9 U	**9.2**	0.8 J	1 U	1 U	0.27 J	1 U	**16**	61
		510	10/12/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1.6	1 U	1 U	1 U	1.9 U	**11**	1.1	1 U	1 U	0.26 J	1 U	**17**	61
VCWD PADDY LN	01900031	340	8/24/09	0.5 U	0.21 J	1.23	**1.82**	2.6 J	5 U	0.5 U	0.5 U	**0.61**	1.52	2.4	0.5 U	0.5 U	--	--	3.01	0.5 U	0.5 U	**22.6**	0.5 U	--	--
		340	10/12/09	1 U	1 U	0.99 J	**1.6**	2.4 J	5 U	1 U	1 U	0.43 J	1.6	2.5	1 U	1 U	**140**	**51**	2.6	1 U	1 U	**20**	1 U	9.9	48
		460	8/24/09	0.5 U	0.12 J	0.71	**3.13**	2.7 J	5 U	0.5 U	0.5 U	**0.88**	2.04	1.66	0.5 U	0.5 U	--	--	2.36	0.5 U	0.5 U	**22.6**	0.5 U	--	--
		460	10/12/09	1 U	1 U	0.48 J	**2.6**	2.4 J	5 U	1 U	1 U	0.71	1.8	1.7	1 U	1 U	**650**	**59**	1.9	1 U	1 U	**18**	1 U	**12**	47
VCWD W MAINE	01900028		3/2/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	0.5 J	1 U	1 U	1.9 U	1.3 J	**6**	1 U	1 U	2.2	1 U	2.2	26
Supplemental Monitoring Wells																									
MW 5-28D	BPW528D		1/29/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.64	26
			4/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.63	25
			7/1/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U		4 U	1 U	1 U	1 U	1 U	1 U	0.63	26
			10/8/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	4 U	1 U	1 U	1 U	1 U	1 U	0.59	25
MW 5-28I	BPW528I		1/29/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	3.1 J	1 U	1 U	1 U	1 U	1 U	2.4	24
			4/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	3.5 J	1 U	1 U	1 U	1 U	1 U	2.3	23
			7/1/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U		3.3 J	1 U	1 U	1 U	1 U	1 U	2.3	22
			10/8/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	3.1 J	1 U	1 U	1 U	1 U	1 U	2.2	23
MW 5-28S	BPW528S		1/29/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**9.2**	1 U	1 U	1 U	1 U	1 U	7.4	28
			4/22/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**11**	1 U	1 U	1 U	1 U	1 U	6.9	28
			7/1/09	1 U	1 U	1 U	0.5 U	2.8 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U		**11**	1 U	1 U	1 U	1 U	1 U	7.4	30
			10/8/09	1 U	1 U	1 U	0.5 U	--	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	1.9 U	**8.6**	1 U	1 U	1 U	1 U	1 U	7 .0	28

Notes:

a. For inactive production wells, depth (feet) of discrete low-flow sample.

b. Total xylenes calculated as sum of xylene isomers if total xylene results not reported by laboratory.

c. Nitrate samples reported by laboratory as nitrate as NO3 calculated to equivalent nitrate as N when nitrate as N results not reported.

d. Federal or California State Maximum Contaminiant Level (MCL), Notification Level (NL) or Secondary MCL (SMCL).

e. SWS 139W2 sampled 10 ft lower than normal in 2009.

-- Sample not collected, or sample not analyzed.

U - Analyte not detected at the reported quantitation limit shown in the result.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - Analyte not detected at the reported quantitation limit shown in the result; the reported qunatitation limit is estimated.

NDMA = N-Nitrosodimethylamine

Results in bold indicate MCL, NL or SMCL exceeded.

TABLE 5-4
1,2,3-TRICHLOROPROPANE RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port[a]	Date	1,2,3-Trichloropropane[b] (ng/L)
California State Notification Level				**5**
MW 5-03	BPW503	Port 9	9/4/09	5 U
		Port 8	9/3/09	5 U
		Port 7	9/3/09	**7.4**
		Port 6	9/3/09	5 U
		Port 5	9/2/09	1.9 J
		Port 4	9/2/09	5 U
		Port 3	9/2/09	5 U
		Port 2	9/1/09	5 U
		Port 1	9/1/09	5 U
MW 5-05	BPW505	Port 4	4/13/09	5 U
		Port 4	8/26/09	500 U[c]
		Port 3	4/13/09	4.7 J
		Port 3	8/26/09	500 U[c]
		Port 2	4/13/09	4 J
		Port 2	8/26/09	500 U[c]
		Port 1	4/13/09	3 J
		Port 1	8/26/09	500 U[c]
MW 5-08	BPW508	Port 4	5/6/09	5 U
		Port 4	8/27/09	500 U[c]
		Port 3	5/6/09	5 U
		Port 3	8/27/09	500 U[c]
		Port 2	5/6/09	5 U
		Port 2	8/27/09	500 U[c]
		Port 1	5/6/09	5 U
		Port 1	8/27/09	500 U[c]
MW 5-11	BPW511	Port 3	9/18/09	5 U
		Port 2	9/17/09	**10**
		Port 1	9/17/09	140 J
MW 5-13	BPW513	Port 3	9/9/09	5 U
		Port 2	9/8/09	**6.3**
		Port 1	9/8/09	**24**
MW 5-15	BPW515	Port 3	5/5/09	5 U
		Port 3	8/28/09	500 U[c]
		Port 2	5/5/09	3.4 J
		Port 2	8/28/09	500 U[c]
		Port 1	5/5/09	**6.6**
		Port 1	8/28/09	500 U[c]
MW 5-17[e]	BPW517	Port 3	--	--
		Port 2	8/31/09	2.1 J
		Port 1	8/31/09	**14**
MW 5-18	BPW518	Port 3	9/16/09	**7.5**
		Port 2	9/15/09	5 U
		Port 1	9/15/09	5 U
MW 5-19	BPW519	Port 6	5/12/09	2.3 J
		Port 5	5/12/09	5 U
		Port 4	5/12/09	5 U
		Port 3	5/11/09	5 U
		Port 2	5/11/09	5 U
		Port 1	5/11/09	5 U

TABLE 5-4
1,2,3-TRICHLOROPROPANE RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port[a]	Date	1,2,3-Trichloropropane[b] (ng/L)
California State Notification Level				**5**
MW 5-22	BPW522	Port 6	6/17/09	5 U
		Port 5	6/17/09	5 U
		Port 4	6/17/09	5 U
		Port 3	6/16/09	5 U
		Port 2	6/16/09	5 U
		Port 1	6/16/09	5 U
MW 5-23	BPW523	Port 6	5/18/09	5 U
		Port 5	5/18/09	1.9 J
		Port 4	5/18/09	5 U
		Port 3	5/15/09	5 U
		Port 2	5/15/09	5 U
		Port 1	5/15/09	5 U
VCWD Big Dalton	01900035	275 ft	8/25/09	5 U
		410 ft	8/25/09	5 U
VCWD Paddy Lane	01900031	340 ft	8/24/09	500 U[c]
		460 ft	8/24/09	500 U[c]
LPVCWD 2	01901460		1/12/09	500 U[c]
			7/31/09	500 U[c]
			9/30/09	500 U[c]
			12/9/09	500 U[c]
LPVCWD 3	01902859		1/5/09	500 U[c]
			2/2/09	500 U[c]
			7/31/09	500 U[c]
			9/30/09	500 U[c]
			12/9/09	500 U[c]
SGVCWD B5B	61900719		2/4/2009	5 U[d]
			3/3/09	5 U[d]
			4/1/09	5 U[d]
			5/5/09	5 U[d]
			6/23/09	5 U[d]
			7/8/09	5 U[d]
			8/5/09	5 U[d]
			9/2/06	5 U[d]
			10/6/09	5 U[d]
			11/4/09	5 U[d]
			12/2/09	5 U[d]
SGVCWD B5E	08000205		1/7/09	5 U[d]
			2/4/2009	5 U[d]
			3/3/09	5 U[d]
			4/1/09	5 U[d]
			5/5/09	5 U[d]
			6/2/09	5 U[d]
			7/8/09	5 U[d]
			8/5/09	5 U[d]
			9/2/06	5 U[d]

TABLE 5-4
1,2,3-TRICHLOROPROPANE RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port[a]	Date	1,2,3-Trichloropropane[b] (ng/L)
California State Notification Level				**5**
			10/6/09	5 U[d]
			11/4/09	5 U[d]
			12/2/09	5 U[d]
SGVCWD B6C	71903093		3/13/2009	500 U[c]
			5/7/09	5 U[d]
			8/24/09	5 U[d]
			11/23/09	5 U[d]
SGVCWD B6D	78000098		3/13/2009	500 U[c]
			5/7/09	5 U[d]
			8/24/09	5 U[d]
			11/23/09	5 U[d]

Notes:

a. For VCWD Big Dalton and Paddy Lane, depth (feet) of discrete low-flow sample.

b. 1,2,3-Trichloropropane analyses by EPA Method 524.2M SIM unless otherwise noted.

c. 1,2,3-Trichloropropane analyses by EPA Method 524.2.

d. 1,2,3-Trichloropropane analyses by EPA Method SRL 524 MOD.

e. Sampling of MW 5-17 Ports 1-3 required biennially.

U - Analyte not detected at the reported quantitation limit shown in the result.

Results in bold indicate Notification Level (5 ng/L) exceeded.

TABLE 5-5
ETHYLENE DIBROMIDE RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port[a]	Date	Ethylene Dibromide[b] (ug/L)
Federal Maximum Contaminant Level (MCL)				**0.05**
MW 5-03	BPW503	Port 9	9/4/09	0.02 U
		Port 8	12/8/09	0.5 U[c]
		Port 7	12/8/09	0.5 U[c]
		Port 6	9/3/09	0.02 U
		Port 6	12/8/09	0.5 U[c]
		Port 5	10/2/09	0.5 U[c]
		Port 4	10/2/09	0.5 U[c]
		Port 3	10/2/09	0.5 U[c]
		Port 2	9/1/09	0.5 U[c]
		Port 1	9/1/09	0.5 U[c]
MW 5-05	BPW505	Port 4	8/26/09	0.5 U[c]
		Port 3	8/26/09	0.5 U[c]
		Port 2	8/26/09	0.5 U[c]
		Port 1	8/26/09	0.5 U[c]
MW 5-08	BPW508	Port 4	8/27/09	0.5 U[c]
		Port 3	8/27/09	0.5 U[c]
		Port 2	8/27/09	0.5 U[c]
		Port 1	8/28/09	0.5 U[c]
MW 5-11	BPW511	Port 3	9/18/09	0.02 U
		Port 2	9/17/09	0.02 U
		Port 1	9/17/09	0.5 U[c]
MW 5-13	BPW513	Port 3	9/9/09	0.02 U
		Port 2	9/8/09	0.1 U
		Port 1	9/8/09	0.5 U[c]
MW 5-15	BPW515	Port 3	8/28/09	0.5 U[c]
		Port 2	8/28/09	0.5 U[c]
		Port 1	8/28/09	0.5 U[c]
MW 5-17[d]	BPW517	Port 3	--	--
		Port 2	8/31/09	0.1 U
		Port 1	8/31/09	0.0053 J
MW 5-18	BPW518	Port 3	9/16/09	0.02 U
		Port 2	9/15/09	0.02 U
		Port 1	9/15/09	0.5 U[c]
MW 5-22	BPW522	Port 6	6/17/09	0.5 U[c]
		Port 5	6/17/09	0.5 U[c]
		Port 4	6/17/09	0.5 U[c]
		Port 3	6/16/09	0.5 U[c]
		Port 2	6/16/09	0.5 U[c]
		Port 1	6/16/09	0.5 U[c]
VCWD Big Dalton	01900035	275	8/25/09	0.02 U
	01900035	410	8/25/09	0.02 U
VCWD Paddy Lane	01900031	340	8/24/09	0.5 U[c]
	01900031	460	8/24/09	0.5 U[c]

Notes:

a. For VCWD Big Dalton, depth (feet) of discrete low-flow sample.

b. Ethylene Dibromide analyses by EPA Method 504.1 unless otherwise noted.

c. Ethylene Dibromide analyses by EPA Method 524.2.

d. Sampling of MW 5-17 Ports 1-3 required biennially.

U - Analyte not detected at the reported quantitation limit shown in the result.

TABLE 5-6
NON-COC VOC DETECTION RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	CAS Number	Parameter Name	MCL[b] or (NL)	Result (ug/L)
MW 5-03	BPW503	10		--	Port Dry - Not Sampled	--	--
		9	9/4/09	106-46-7	1,4-Dichlorobenzene	5	0.71
		9	9/4/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	2
		9	9/4/09	75-01-4	Vinyl Chloride	0.5	**0.55**
		8	12/8/09	1634-04-4	2-Methoxy-2-Methylpropane	--	2.5 J
		7	12/8/09	1634-04-4	2-Methoxy-2-Methylpropane	--	4.1
		6	12/8/09	1634-04-4	2-Methoxy-2-Methylpropane	--	0.42 J
		6	12/8/09	107-13-1	Acrylonitrile	--	1.7
		6	12/8/09	75-71-8	Dichlorodifluoromethane	(1000)	0.84
		5	10/2/09	--	--	--	--
		4	10/2/09	107-13-1	Acrylonitrile	--	1.71
		3	10/2/09	107-13-1	Acrylonitrile	--	1.35
		2	9/1/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	2
		1	9/1/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	2
MW 5-05	BPW505	4	8/26/09	1634-04-4	2-Methoxy-2-Methylpropane	--	0.3 J
		4	8/26/09	75-71-8	Dichlorodifluoromethane	(1000)	0.33 J
		4	8/26/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	1.15 J
		3	8/26/09	630-20-6	1,1,1,2-Tetrachloroethane	--	0.04 J
		3	8/26/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	1.58 J
		3	8/26/09	95-50-1	1,2-Dichlorobenzene	600	0.08 J
		3	8/26/09	108-90-7	Chlorobenzene	70	0.06 J
		3	8/26/09	75-71-8	Dichlorodifluoromethane	(1000)	0.87
		3	8/26/09	75-69-4	Trichlorofluoromethane	150	0.55 J
		3	8/26/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	6.15
		2	8/26/09	630-20-6	1,1,1,2-Tetrachloroethane	--	0.07 J
		2	8/26/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	1.6 J
		2	8/26/09	78-87-5	1,2-Dichloropropane	5	2.14
		2	8/26/09	108-90-7	Chlorobenzene	70	0.1 J
		2	8/26/09	75-71-8	Dichlorodifluoromethane	(1000)	0.48 J
		2	8/26/09	75-69-4	Trichlorofluoromethane	150	0.43 J
		2	8/26/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	8.19
		1	8/26/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.59 J
		1	8/26/09	75-71-8	Dichlorodifluoromethane	(1000)	1.19
		1	8/26/09	75-69-4	Trichlorofluoromethane	150	0.29 J
		1	8/26/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	6.96
MW 5-08	BPW508	4	8/27/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	3.42
		3	8/27/09	--	--	--	--
		2	8/27/09	75-71-8	Dichlorodifluoromethane	(1000)	0.27 J
		1	8/28/09	75-71-8	Dichlorodifluoromethane	(1000)	0.35 J
MW 5-11	BPW511	3	9/18/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.17 J
		2	9/17/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.23 J
		2	9/17/09	74-87-3	Chloromethane	--	0.1 J
		2	9/17/09	124-48-1	Dibromochloromethane	80[c]	0.37 J
		2	9/17/09	75-71-8	Dichlorodifluoromethane	(1000)	0.67
		2	9/17/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	2.35
		1	9/17/09	74-87-3	Chloromethane	--	0.1 J
MW 5-13	BPW513	3	9/9/09	74-87-3	Chloromethane	--	0.06 J
		3	9/9/09	124-48-1	Dibromochloromethane	80[c]	0.31 J
		2	9/8/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.55 J
		2	9/8/09	1634-04-4	2-Methoxy-2-Methylpropane	--	0.17 J
		2	9/8/09	74-87-3	Chloromethane	--	0.06 J
		2	9/8/09	124-48-1	Dibromochloromethane	80[c]	0.2 J
		2	9/8/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	3.05
		1	9/8/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	1.76 J
		1	9/8/09	75-71-8	Dichlorodifluoromethane	(1000)	0.16 J
		1	9/8/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.53 J
MW 5-15	BPW515	3	8/28/09	1634-04-4	2-Methoxy-2-Methylpropane	--	0.2 J
		3	8/28/09	75-71-8	Dichlorodifluoromethane	(1000)	0.45 J

TABLE 5-6
NON-COC VOC DETECTION RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	CAS Number	Parameter Name	MCL[b] or (NL)	Result (ug/L)
		3	8/28/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
		2	8/28/09	95-50-1	1,2-Dichlorobenzene	600	0.23 J
		2	8/28/09	75-71-8	Dichlorodifluoromethane	(1000)	1.19
		2	8/28/09	75-69-4	Trichlorofluoromethane	150	0.09 J
		2	8/28/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	1.52 J
		1	8/28/09	75-71-8	Dichlorodifluoromethane	(1000)	7.87
		1	8/28/09	75-69-4	Trichlorofluoromethane	150	0.44 J
		1	8/28/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	5.37
MW 5-17[d]	BPW517	3	--	--	--	--	--
		2	8/31/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	1.22 J
		2	8/31/09	124-48-1	Dibromochloromethane	80[c]	0.31 J
		2	8/31/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
		1	8/31/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.86 J
		1	8/31/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
MW 5-1	BPW518	3	9/16/09	1634-04-4	2-Methoxy-2-Methylpropane	--	1.08 J
		3	9/16/09	74-87-3	Chloromethane	--	0.13 J
		3	9/16/09	124-48-1	Dibromochloromethane	80[c]	0.32 J
		3	9/16/09	75-71-8	Dichlorodifluoromethane	(1000)	2.68
		2	9/15/09	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.19 J
		2	9/15/09	75-71-8	Dichlorodifluoromethane	(1000)	2.4
MW 5-19	BPW519	6	4/15/2008	74-87-3	Chloromethane	--	0.33 J
		5	4/15/2008	75-71-8	Dichlorodifluoromethane	(1000)	0.34 J
		5	4/15/2008	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	1.6 J
		4	4/15/2008	75-71-8	Dichlorodifluoromethane	(1000)	0.15 J
		4	4/15/2008	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.62 J
		3	4/14/2008	--	--	--	--
		2	4/14/2008	107-13-1	Acrylonitrile	--	0.84 J
		2	4/14/2008	100-42-5	Styrene	100	0.03 J
		1	4/14/2008	74-87-3	Chloromethane	--	0.06 J
MW 5-22	BPW522	6	6/17/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
		5	6/17/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
		4	6/17/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
		3	6/16/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	2
		2	6/16/09	107-13-1	Acrylonitrile	--	3.15
		2	6/16/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
		2	6/16/09	75-01-4	Vinyl Chloride	0.5	**0.78**
		1	6/16/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.15 J
MW 5-23	BPW523	6	4/3/2007	1634-04-4	Methyl tert-butyl Ether (MTBE)	13	0.26 J
		5	4/3/2007	104-51-8	N-Butylbenzene	--	0.03 J
		5	4/11/2008	75-71-8	Dichlorodifluoromethane	(1000)	0.09 J
		5	4/11/2008	91-20-3	Naphthalene	--	0.42 J
		5	4/11/2008	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	1.2 J
		4	4/11/2008	75-71-8	Dichlorodifluoromethane	(1000)	0.38 J
		4	4/11/2008	75-69-4	Trichlorofluoromethane	150	0.03 J
		3	4/2/2007	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.18 J
		3	4/11/2008	75-69-4	Trichlorofluoromethane	150	0.11 J
		3	4/11/2008	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1200	0.31 J
		2	4/10/2008	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.8 J
		1	4/10/2008	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	0.71 J
VCWD Big Dalton	0900035	275	8/25/2009	--	--	--	--
		410	8/25/2009	--	--	--	--
VCWD Paddy Lane	01900031	340	8/24/09	75-71-8	Dichlorodifluoromethane	(1000)	0.59
		340	8/24/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	1.52 J
		460	8/24/09	75-71-8	Dichlorodifluoromethane	(1000)	0.61
		460	8/24/09	TTHM TOT	Trihalomethanes (TTHM), Total	80[c]	2.04
LPVCWD 2	01901460		1/12/09	75-71-8	Dichlorodifluoromethane	(1000)	7.4
			7/31/09	75-71-8	Dichlorodifluoromethane	(1000)	2.8
			9/30/09	75-71-8	Dichlorodifluoromethane	(1000)	4.2

TABLE 5-6
NON-COC VOC DETECTION RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	CAS Number	Parameter Name	MCL[b] or (NL)	Result (ug/L)
			12/9/09	75-71-8	Dichlorodifluoromethane	(1000)	4.4
LPVCWD 3	01902859		1/5/09	75-71-8	Dichlorodifluoromethane	(1000)	2.2
			2/2/09	75-71-8	Dichlorodifluoromethane	(1000)	2.4
			7/31/09	75-71-8	Dichlorodifluoromethane	(1000)	1
			9/30/09	75-71-8	Dichlorodifluoromethane	(1000)	1.2
			12/9/09	75-71-8	Dichlorodifluoromethane	(1000)	0.98
SGVWC B5B	61900719		2/4/209	--	--	--	--
			3/3/09	--	--	--	--
			4/1/09	--	--	--	--
			5/5/09	--	--	--	--
			6/23/09	--	--	--	--
			7/8/09	--	--	--	--
			8/5/09	--	--	--	--
			9/2/09	--	--	--	--
			10/6/09	--	--	--	--
			11/4/09	--	--	--	--
			12/2/09	--	--	--	--
SGVWC B5E	08000205		1/7/09	--	--	--	--
			2/4/209	--	--	--	--
			3/3/09	--	--	--	--
			4/1/09	--	--	--	--
			5/5/09	--	--	--	--
			6/2/09	--	--	--	--
			7/8/09	--	--	--	--
			8/5/09	--	--	--	--
			9/2/09	--	--	--	--
			10/6/09	--	--	--	--
			11/4/09	--	--	--	--
			12/2/09	--	--	--	--
SGVWC B6C	71903093		3/13/09	--	--	--	--
			5/7/09	--	--	--	--
			8/24/09	--	--	--	--
			11/23/09	--	--	--	--
SGVWC B6D	78000098		3/13/09	75-71-8	Dichlorodifluoromethane	(1000)	8.2
			5/7/09	75-71-8	Dichlorodifluoromethane	(1000)	8.8
			8/24/09	75-71-8	Dichlorodifluoromethane	(1000)	5.4
			11/23/09	75-71-8	Dichlorodifluoromethane	(1000)	4.9

Notes:

a - For VCWD Big Dalton and Paddy Lane, depth (feet) of discrete low-flow sample.

b - Federal or California State Maximum Contaminant Level (MCL), or Notification Level (NL).

c - Total Trihalomethanes (TTHM) MCL.

d - Sampling of MW 5-17 Ports 1-3 required biennially.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

TABLE 5-7
VOC AND SVOC TIC DETECTION RESULTS
Baldwin Park Operable Unit
San Gabriel Valley, California

Well Name	Site ID	Port [a]	Date	VOC TIC	Cas Number	MCL[b] or (NL)	Result (ug/L)
MW 5-15	BPW515	1	8/28/2009	Dichlorofluoromethane	75-43-4	--	1.4
MW 5-28	BPW518	3	9/16/2009	Unknown Halogenated Benzene		--	2.8
MW 5-22	BPW522	2	6/16/2009	Carbonyl Sulfide	463-58-1	--	5.2

Well Name	Site ID	Port [a]	Date	SVOC TIC	Cas	MCL[b] or	Result
LPVCWD 05	08000209		4/20/2009	Alkane	--	--	2.7
			4/20/2009	Alkane	--	--	2.3
			4/20/2009	Carboxylic Acid	--	--	2.5
			4/20/2009	Alkane	--	--	2.4
MW 5-11	BPW511	1	9/17/2009	N-Butylbenzenesulfanomide	3622-84-2	--	110
MW 5-13	BPW513	2	9/8/2009	Tetrachloroethene	127-18-4	5	**57**
MW 5-15	BPW515	3	8/28/2009	8-Hexylpentadecane	13475-75-7	--	47
			8/28/2009	Hentriacontane	000630-04-6	--	55
			8/28/2009	Hexacosane	630-01-3	--	99
			8/28/2009	Nonacosane	630-03-5	--	96
			8/28/2009	Octacosane	630-02-4	--	110
			8/28/2009	Tetratriacontane	14167-59-0	--	72
			8/28/2009	Tricosane	638-67-5	--	120
SGVWC B6D	78000098		3/13/2009	Trichloroethene	79-01-6	5	**12**
SGVWC B25A	08000187		3/12/2009	Tetrachloroethene	127-18-4	5	**6.7**
			3/12/2009	Trichloroethene	79-01-6	5	**7.2**
SGVWC B26A	08000189		3/12/2009	Trichloroethene	79-01-6	5	**8.3**
SGVWC B26B	08000190		3/12/2009	Alcohol	--	--	2.1
			3/12/2009	Alkane	--	--	5.7
			3/12/2009	Carboxylic Acid	--	--	6.9
			3/12/2009	Alkane	--	--	5.9
			3/12/2009	Alkane	--	--	5.3
			3/12/2009	Alkane	--	--	2.1

Notes:

a - For VCWD Big Dalton and VCWD Paddy Lane, depth (feet) of discrete low-flow sample.

b - Federal or California State Maximum Contaminant Level (MCL), or Notification Level (NL).

TABLE 6-1
VALLEY COUNTY WATER DISTRICT TREATMENT PLANT 2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,4-Dioxane	Benzene	Carbon tetra chloride	Chloroform	Cis-1,2-Dichloro ethene	Methylene chloride	Ethyl benzene	Nitrate (as NO_3)	N-Nitro sodimethyl amine	Perchlorate	Sulfate	Tetra chloro ethene	Toluene	Total Xylenes	Trans-1,2-Dichloro ethene	Tri chloro ethene
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5	6	0.5	3*	1	0.5	100	6	5	700	45	0.01*	6	200**	5	150	1750	10	5
Design Concentrations - Combined Treatment Plant Influent																				
Maximum	20	10	50	10	25	5	10	10	50	5	5	--	3	350	--	1000	5	5	5	1000
Expected Average	5.09	3.14	17.54	1.68	7.4	0.44	1.91	3.55	15.17	1.79	0.55	--	0.231	46.21	--	180.13	0.57	0.73	0.79	202.95
Well SA1-1																				
01/02/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.5	NA	NA	NA	NA	NA	NA	NA	NA
01/20/2009	0.5 U	0.56	14	0.5 U	4.5	0.5 U	0.5 U	0.73	0.71	0.5 U	0.5 U	73	0.002 U	9.9	57	8.2	0.5 U	0.5 U	0.5 U	5
02/18/2009	0.5 U	0.5 U	2	0.5 U	2.3	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	79	0.002 U	10	54	2.8	0.5 U	0.5 U	0.5 U	1.3
Well SA1-2																				
01/02/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54.0	NA	NA	NA	NA	NA	NA	NA	NA
01/20/2009	0.5 U	0.56	8.5	0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.79	0.5 U	0.5 U	55	0.002 U	11	53	16	0.5 U	0.5 U	0.5 U	7.7
02/11/2009	0.5 U	0.5 U	6.4	0.5 U	0.66 J	0.5 U	0.5 U	0.5 U	0.61	0.5 U	0.5 U	60	0.002 U	12	51	12	0.5 U	0.5 U	0.5 U	6.2
03/11/2009	0.5 U	0.5 U	6.1	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	55	0.002 U	11	50	12	0.5 U	0.5 U	0.5 U	5.7
04/14/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.0	NA	NA	NA	NA	NA	NA	NA	NA
04/15/2009	0.5 U	0.5 U	4	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	56	0.002 U	12	50	11	0.5 U	0.5 U	0.5 U	4.5
05/19/2009	0.5 U	0.5 U	4.4	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	54	0.002 U	12	48	9.5	0.5 U	0.5 U	0.5 U	4.3
06/17/2009	0.5 U	0.5 U	3.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	52	0.002 U	11	49	8.9	0.5 U	0.5 U	0.5 U	3.9
06/24/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	42 NJ	NA	NA	NA	NA
07/21/2009	0.5 U	0.5 U	3.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	53	0.002 U	9.3	50	9.3	0.5 U	0.5 U	0.5 U	4.4
08/20/2009	0.5 U	0.5 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	53	0.002 U	8.6	47	7.2	0.5 U	0.5 U	0.5 U	3.1
09/17/2009	0.5 U	0.5 U	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	53	0.002 U	11	49	6.4	0.5 U	0.5 U	0.5 U	3
10/29/2009	0.5 U	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	59	0.002 U	10	51	5.7	0.5 U	0.5 U	0.5 U	2.5
11/18/2009	0.5 U	0.5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	51	0.002 U	9.9	49	5.9	0.5 U	0.5 U	0.5 U	2.2
12/16/2009	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	59	0.002 U	11	50	4.8	0.5 U	0.5 U	0.5 U	2
Well SA1-3																				
01/20/2009	0.81	1.7	24	0.72	7.4	0.5 U	1.7	1.9	20	0.5 U	0.5 U	35	0.063	14	48	500	0.5 U	0.5 U	0.5 U	160
02/11/2009	0.85	1.6	24	0.68	7.2 J	0.5 U	1.7	1.7	17	0.5 U	0.5 U	35	0.051	15	47	360	0.5 U	0.5 U	0.5 U	130
03/11/2009	0.76	1.6	24	0.57	7.1	0.5 U	1.4	1.6	17	0.5 U	0.5 U	36	0.042	14	46	310	0.5 U	0.5 U	0.5 U	110
04/15/2009	0.55	1.4	20	0.5 U	7.2	0.5 U	1	1.3	13	0.5 U	0.5 U	35	0.04	14	46	270	0.5 U	0.5 U	0.5 U	84
05/19/2009	0.57	1.5	24	0.65	7	0.5 U	1.2	1.5	15	0.5 U	0.5 U	35	0.046	15	47	310	0.5 U	0.5 U	0.5 U	110
06/17/2009	0.72	1.6	24	0.62	6.4	0.5 U	1.1	1.4	14	0.5 U	0.5 U	34	0.049	12	47	490	0.5 U	0.5 U	0.5 U	140
06/24/2009	NA	NA	NA	NA	2.6 NJ	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	130 NJ	NA	NA	NA	19 NJ
07/21/2009	0.99	2.2	28	0.81	6.6	0.5 U	1.5	1.8	16	0.5 U	0.5 U	34	0.041	11	46	460	0.5 U	0.5 U	0.5 U	150
08/20/2009	0.82	2	25	0.56	6.4	0.5 U	1.1	1.4	13	0.5 U	0.5 U	33	0.033 J	9.5	46	310	0.5 U	0.5 U	0.5 U	110
09/17/2009	0.76	1.7	28	0.61	6.3	0.5 U	1.1	1.5	14	0.5 U	0.5 U	33	0.032	12	48	700	0.5 U	0.5 U	0.5 U	200
10/29/2009	0.67	1.7	28	0.55	6	0.5 U	0.9	1.3	12	0.5 U	0.5 U	35	0.028	11	49	360	0.5 U	0.5 U	0.5 U	120
11/18/2009	0.71	1.6	25	0.53	6.3	0.5 U	0.98	1.2	11	0.5 U	0.5 U	32	0.027	12	48	300	0.5 U	0.5 U	0.5 U	100
12/16/2009	0.71	1.6	24	0.55	6.2	0.5 U	1.1	1.3	11	0.5 U	0.5 U	38	0.021	12	48	760	0.5 U	0.5 U	0.5 U	110
Combined Effluent																				
01/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/13/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.9	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.6	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/27/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/11/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/19/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/11/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.3	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.9	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/24/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	4.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/01/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.98	0.5 U	0.5 U	0.5 U	4.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/15/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 6-1
VALLEY COUNTY WATER DISTRICT TREATMENT PLANT 2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,4-Dioxane	Benzene	Carbon tetra chloride	Chloroform	Cis-1,2-Dichloro ethene	Methylene chloride	Ethyl benzene	Nitrate (as NO_3)	N-Nitro sodimethyl amine	Perchlorate	Sulfate	Tetra chloro ethene	Toluene	Total Xylenes	Trans-1,2-Dichloro ethene	Tri chloro ethene
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5	6	0.5	3*	1	0.5	100	6	5	700	45	0.01*	6	200**	5	150	1750	10	5
04/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/28/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.4	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.4	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/13/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.2	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/19/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.2	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.6	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.3	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.4	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/24/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.81	0.5 U	0.5 U	0.5 U	7.5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.5 U	7.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/14/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U	0.5 U	7.3	0.002 U†	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U	0.5 U	7 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.86	0.5 U	0.5 U	0.5 U	8.6	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	6.6	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.62	0.5 U	7.6	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	8.2	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	10	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/24/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	8.7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U	0.5 U	7.4	0.002 U	2 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/08/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	8.5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.52 J	0.5 U	0.5 U	0.5 U	8.4	0.002 U	2 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	10 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.5	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.3	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.4	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.9	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

MCL - Maximum contaminant level.
SMCL - Secondary maximum contaminant level.
Chloroform MCL based on MCL for trihalomethanes
NL - Notification Level.
NA - Not analyzed or data not available.
U - Not detected (Detection limit reported).
J - Reported value is the approximate concentration of the analyte in the sample.
† - Value from port SP-7 reported (Port SP-9 showed flase positive on this day)

TABLE 6-2
VALLEY COUNTY WATER DISTRICT TREATMENT PLANT 2009 CHEMICAL MASS REMOVED
Baldwin Park Operable Unit
San Gabriel Valley, California

	2009 Average Concentrations (mg/L)[1]			**Chemical Mass Removed**[2] (kg)				**Total Mass Removed**
Compound	**Well SA1-1**	**Well SA1-2**	**Well SA1-3**	**Well SA1-1**	**Well SA1-2**	**Well SA1-3**	(kg)	(lb)
1,2-Dichloroethane	0.0	0.0	0.6	0.0	0.0	3.2	3.2	7.1
1,4-Dioxane	3.4	0.3	6.2	1.0	1.1	34.7	36.8	81.2
Carbon tetrachloride	0.0	0.0	1.2	0.0	0.0	6.9	6.9	15.3
N-Nitrosodimethylamine	0.000	0.000	0.036	0.0	0.0	0.2	0.2	0.5
Perchlorate	10.0	10.7	12.6	2.8	45.2	71.1	119.2	262.7
Tetrachloroethene	5.5	8.4	394.6	1.6	35.2	2223.0	2259.7	4981.8
Trichloroethene	3.2	4.1	117.2	0.9	17.4	660.4	678.7	1496.2
1,1-Dichloroethane	0.3	0.0	1.7	0.1	0.2	9.5	9.8	21.5
1,1-Dichloroethene	8.0	3.8	24.8	2.3	16.1	139.9	158.3	348.9
cis-1,2-Dichloroethene	0.4	0.2	14.4	0.1	0.7	81.2	82.0	180.8
1,1,1-Trichloroethane	0.0	0.0	0.7	0.0	0.0	4.2	4.2	9.2
Chloroform	0.6	0.0	1.5	0.2	0.0	8.4	8.6	18.9
Total				**8.9**	**115.9**	**3,242.7**	**3,367.6**	**7,424.1**

Notes:

[1] - Average concentrations calculated using 0 ug/L for non-detects.

[2] - Chemical mass removed calculated by multiplying the average concentration from each extraction well by the total volume of water pumped from each well.

TABLE 6-3
VALLEY COUNTY WATER DISTRICT LANTE TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sampled	1,1,1-Trichloro ethane (ppbV)	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2-Dichloro ethane (ppbV)	Methyl Ethyl Ketone (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Benzene (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Chloro methane (ppbV)	cis-1,2-Dichloro ethene (ppbV)	Freon 12 (ppbV)	Dichloromethane (ppbV)	Ethanol (ppbV)	Ethyl Acetate (ppbV)	Freon 11 (ppbV)	1,3-DCB (ppbV)	Methanol (ppbV)	MTBE (ppbV)	Propylene (ppbV)	PCE (ppbV)	Toluene (ppbV)	TCE (ppbV)	Freon 113 (ppbV)
Tower 1 - Fluidized																										
Fluidized Bed/GAC Adsorber Inlet																										
01/07/2009	<8.6	<8.6	110	<8.6	<8.6	3.88	<17	<8.6	<8.6	<8.6	<8.6	<8.6	54	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	970	<8.6	400	<8.6
02/04/2009	<20	<20	120	<20	<20	3.4	<40	<20	<20	<20	<20	<20	85	<20	<20	<20	<20	<20	<20	<20	<20	<20	1900	<20	680	20
03/06/2009	<9.6	9.6	110	<9.6	<9.6	3.85	<19	<9.6	<9.6	<9.6	<9.6	<9.6	90	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	660	<9.6	280	<9.6
03/26/2009	<8.5	9.1	97	<8.5	<8.5	3.73	<17	<8.5	<8.5	<8.5	<8.5	<8.5	81	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	800	<8.5	340	<8.5
04/03/2009	<18	<18	96	<18	<18	3.66	<37	<18	<18	<18	<18	<18	69	<18	<18	<18	<18	<18	<18	<18	<18	<18	2300	<18	510	<18
04/09/2009	<22	<22	120	<22	<22	3.62	<45	<22	<22	<22	<22	<22	62	<22	<22	<22	<22	<22	<22	<22	<22	<22	2000	<22	460	<22
04/15/2009	<28	<28	110	28	<28	2.88	<56	<28	<28	<28	<28	<28	64	<28	<28	<28	<28	<28	<28	<28	<28	<28	980	<28	410	<28
04/24/2009	<21	<21	85	21	<21	2.96	<43	<21	<21	<21	<21	<21	48	<21	<21	<21	<21	<21	<21	<21	<21	<21	1200	<21	370	<21
05/13/2009	<10	<10	110	<10	<10	3.47	<20	<10	<10	<10	<10	<10	53	<10	<10	<10	<10	<10	<10	<10	<10	<10	1100	<10	460	<10
05/29/2009	<9.7	<9.7	110	<9.7	<9.7	3.63	<19	<9.7	<9.7	<9.7	<9.7	<9.7	60	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	1000	<9.7	410	<9.7
07/02/2009	<11	<11	85	<11	<11	3.19	<23	<11	<11	<11	<11	<11	44	<11	<11	<11	<11	<11	<11	<11	<11	<11	930	<11	320	<11
08/12/2009	<1	<1	7.6	<1	<1	3.74	<8.2	<1	<1	<1	<1	<1	3.5	<1	<1	<1	<1	<1	<1	<1	<1	<9.8	88	<1.7	28	<1
09/17/2009	<9.5	<9.5	86	<9.5	<9.5	3.65	<19	<9.5	<9.5	<9.5	<9.5	<9.5	37	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	570	<9.5	320	<9.5
10/15/2009	<11	<11	84	<11	<11	3.62	<21	<11	<11	<11	<11	<11	29	<11	<11	<11	<11	<11	<11	<11	<11	15	610	<11	300	<11
12/09/2009	<9.1	<9.1	82	<9.1	<9.1	3.51	<18	<9.1	<9.1	<9.1	<9.1	<9.1	33	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	680	<9.1	230	<9.1
Tower 1 - Fluidized																										
Fluidized Bed/GAC Adsorber Exhaust																										
01/07/2009	4.2	7.9	95	2.9	<1	4.12	<2	<1	<1	3.3	7.1	<1	<1	2	<1	<1	<1	1	<1	<1	<1	<1	6.6	<1	110	2.3
02/04/2009	3.7	8.1	110	2.8	<2.1	3.65	<12	<2.1	<2.1	2.8	7.2	<2.1	68	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	4.1	9.5	<2.1	180	2.2
03/06/2009	<4.5	4.5	41	<4.5	<4.5	3.8	<8.9	<4.5	<4.5	<4.5	5.5	<4.5	36	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	6.9	<4.5	220	<4.5
03/26/2009	4.3	8.4	83	2.9	<1	4.09	<3.8	<1	<1	4.5	7.3	<1	65	<1	<3.4	<1	<1	<1	<1	<1	<1	<2.8	9.2	<1	270	1.9
04/03/2009	4.5	8	83	<4.2	<4.2	3.74	<8.5	<4.2	<4.2	4.7	7.6	<4.2	76	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	7.9	<4.2	220	<4.2
04/09/2009	<5.6	6.5	110	<5.6	<5.6	3.25	<11	<5.6	<5.6	<5.6	5.9	<5.6	60	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	6.7	<5.6	330	<5.6
04/15/2009	<5.3	6.7	73	<5.3	<5.3	2.91	<11	<5.3	<5.3	<5.3	6.1	<5.3	70	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	7.1	<5.3	250	<5.3
04/24/2009	<5.5	<5.5	85	5.5	<5.5	2.92	<13	<5.5	<5.5	<5.5	<5.5	<5.5	58	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	230	<5.5
05/13/2009	3	6.8	100	2.6	<2.2	3.66	<4.3	<2.2	<2.2	4.4	5.9	<2.2	66	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.7	7.8	<2.2	310	2.7
05/29/2009	<3.9	6.5	97	<3.9	<3.9	3.61	<7.8	<3.9	<3.9	4.7	5.6	<3.9	58	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	7	<3.9	390	<3.9
07/02/2009	<1	<1	2.2	<1	<1	3.82	<2.4	<1	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	20	<1	7.8	<1
08/12/2009	<1	<1	10	<1	<1	3.9	<3.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1
09/17/2009	<4.7	<4.7	84	<4.7	<4.7	3.97	<9.4	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
10/15/2009	<5.7	<5.7	130	<5.7	<5.7	3.9	<11	<5.7	<5.7	<5.7	<5.7	<5.7	26	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
12/09/2009	<3.9	5.3	98	<3.9	<3.9	3.98	<7.7	<3.9	<3.9	<3.9	<3.9	<3.9	39	<3.9	<3.9	6	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9
Tower 2 - Fluidized																										
Fluidized Bed/GAC Adsorber Inlet																										
01/07/2009	2.5	6.5	76	2.6	<1	3.71	<2	<1	<1	3.3	5.9	<1	57	<1	<1	<1	<1	<1	<1	<1	1.2	<1.2	560	<1.7	220	1.8
02/04/2009	<21	<21	110	<21	<21	3.69	<42	<21	<21	<21	<21	<21	72	<21	<21	<21	<21	<21	<21	<21	<21	<21	1400	<21	510	21
03/06/2009	<9.4	<9.4	100	<9.4	<9.4	3.75	<19	<9.4	<9.4	<9.4	<9.4	<9.4	93	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	690	<9.4	290	<9.4
04/09/2009	<23	<23	100	<23	<23	3.18	<46	<23	<23	<23	<23	<23	49	<23	<23	<23	<23	<23	<23	<23	<23	<23	840	<23	340	<23
05/13/2009	<4.8	<4.8	80	<4.8	<4.8	3.44	<35	<4.8	<4.8	<4.8	<4.8	<4.8	38	<4.8	<4.8	<4.8	<4.8	<4.8	4.8	<4.8	<4.8	<4.8	670	<4.8	300	<4.8
05/29/2009	<12	<12	92	<12	<12	3.62	<24	<12	<12	<12	<12	<12	43	<12	<12	<12	<12	<12	<12	<12	<12	<12	880	<12	280	12
06/03/2009	<12	<12	150	<12	<12	3.56	<25	<12	<12	<12	<12	<12	82	<12	<12	<12	<12	<12	<12	<12	<12	<12	970	<12	520	<12
06/12/2009	<9.6	<9.6	68	<9.6	<9.6	3.92	<19	<9.6	<9.6	<9.6	<9.6	<9.6	31	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	800	<9.6	260	<9.6
06/19/2009	<10	<10	130	<10	<10	3.96	<20	<10	<10	<10	<10	<10	74	<10	<10	<10	<10	<10	<10	<10	<10	<10	1100	<10	410	<10
06/23/2009	<20	<20	85	<20	<20	3.72	<40	<20	<20	<20	<20	<20	49	<20	<20	<20	<20	<20	<20	<20	<20	<20	970	<20	360	<20
09/16/2009	<9.4	<9.4	76	<9.4	<9.4	3.71	<19	<9.4	<9.4	<9.4	<9.4	<9.4	31	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	600	<9.4	280	<9.4
10/15/2009	<11	<11	96	<11	<11	3.73	<21	<11	<11	<11	<11	<11	35	<11	<11	<11	<11	<11	<11	<11	<11	<11	620	<11	340	<11
11/10/2009	<7.6	<7.6	76	<7.6	<7.6	3.41	<15	<7.6	<7.6	<7.6	<7.6	<7.6	25	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	760	<7.6	240	<7.6

TABLE 6-3
VALLEY COUNTY WATER DISTRICT LANTE TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sampled	1,1,1-Trichloro ethane (ppbV)	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2-Dichloro ethane (ppbV)	Methyl Ethyl Ketone (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Benzene (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Chloro methane (ppbV)	cis-1,2-Dichloro ethene (ppbV)	Freon 12 (ppbV)	Dichloromethane (ppbV)	Ethanol (ppbV)	Ethyl Acetate (ppbV)	Freon 11 (ppbV)	1,3-DCB (ppbV)	Methanol (ppbV)	MTBE (ppbV)	Propylene (ppbV)	PCE (ppbV)	Toluene (ppbV)	TCE (ppbV)	Freon 113 (ppbV)
Tower 2 - Fluidized																										
Fluidized Bed/GAC Adsorber Exhaust																										
01/07/2009	<2.3	6	93	<2.3	<2.3	3.91	<5.6	<2.3	4.9	<2.3	5.6	<2.3	49	<2.3	<2.3	<2.3	<2.3	<2.3	2.3	<2.3	<2.3	<7.6	<2.3	<2.3	25	<2.3
02/04/2009	2.3	6.8	79	2.6	<2.1	3.63	<8.8	<2.1	<2.1	2.3	5.9	<2.1	60	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.4	7.4	<2.1	70	2.1
03/06/2009	<4.1	<4.1	67	<4.1	<4.1	3.86	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	24	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	160	<4.1
04/09/2009	<5.9	<5.9	84	<5.9	<5.9	3.52	<16	<5.9	10	<5.9	<5.9	<5.9	52	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	210	<5.9
05/13/2009	<4.5	<4.5	78	<4.5	<4.5	3.41	<11	<4.5	<4.5	<4.5	<4.5	<4.5	33	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	360	<4.5
05/29/2009	<5.5	5.8	93	<5.5	<5.5	3.63	<36	<5.5	<5.5	<5.5	<5.5	<5.5	50	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	6.9	<5.5	350	<5.5
06/03/2009	1.8	6	90	2	<1	3.63	<13	<1	<1	3.3	5	<1	56	<1	<1	<1	<1	<1	<1	<1	1.1	<1	150	<1	260	2.2
06/12/2009	<3.9	4.8	68	<3.9	<3.9	3.8	<11	<3.9	<3.9	<3.9	4.2	<3.9	39	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	9.2	<3.9	440	<3.9
06/19/2009	<5.6	6.1	85	<5.6	<5.6	3.79	<11	<5.6	<5.6	<5.6	<5.6	<5.6	48	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	14	<5.6	350	<5.6
06/23/2009	<11	<11	76	<11	<11	3.83	<22	<11	<11	<11	<11	<11	41	<11	<11	<11	<11	<11	<11	<11	<11	<11	15	<11	320	<11
09/16/2009	<1	<1	<1	<1	<1	3.84	<13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.8	<1	<1	1	<1
10/15/2009	<1	<1	41	<1	1.6	3.77	<30	<1	1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<4.5	<1	<1	<1	<1
11/10/2009	<4	<4	110	<4	<4	3.74	19	<4	<4	<4	<4	<4	11	<4	<4	<4	<4	<4	<4	<4	<4	5.9	<4	<4	<4	<4
Tower 3 - Fluidized																										
Fluidized Bed/GAC Adsorber Inlet																										
01/07/2009	<10	<10	73	<10	<10	3.81	<21	<10	<10	<10	<10	<10	31	<10	<10	<10	<10	<10	10	<10	<10	<10	610	<10	250	<10
02/04/2009	<21	<21	92	<21	<21	3.68	<41	<21	<21	<21	<21	<21	55	<21	<21	<21	<21	<21	<21	<21	<21	<21	1100	<21	400	21
06/12/2009	<9.9	<9.9	75	<9.9	<9.9	3.58	<20	<9.9	<9.9	<9.9	<9.9	<9.9	38	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	1200	<9.9	340	<9.9
07/08/2009	<10	<10	82	<10	<10	3.45	<20	<10	<10	<10	<10	<10	41	<10	<10	<10	<10	<10	<10	<10	<10	<10	920	<10	320	<10
08/12/2009	<4.5	5.8	110	<4.5	<4.5	3.84	<9	<4.5	<4.5	<4.5	5.1	<4.5	44	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	650	<4.5	340	<4.5
08/26/2009	<5.3	<5.3	100	<5.3	<5.3	3.68	<11	<5.3	<5.3	<5.3	<5.3	<5.3	41	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	800	<5.3	300	<5.3
09/02/2009	<20	<20	100	<20	<20	3.83	<39	<20	<20	<20	<20	<20	45	<20	<20	<20	<20	<20	<20	<20	<20	<20	570	<20	270	<20
09/09/2009	<13	<13	100	<13	<13	3.7	<26	<13	<13	<13	<13	<13	44	<13	<13	<13	<13	<13	<13	<13	<13	<13	650	<13	360	<13
10/29/2009	<12	<12	64	<12	<12	4.1	<24	<12	<12	<12	<12	<12	26	<12	<12	<12	<12	<12	<12	<12	<12	<12	470	<12	190	<12
11/10/2009	<8	<8	94	<8	<8	3.78	<16	<8	<8	<8	<8	<8	33	<8	<8	<8	<8	<8	<8	<8	<8	<8	1200	<8	310	<8
12/09/2009	<11	<11	86	<11	<11	3.53	<21	<11	<11	<11	<11	<11	29	<11	<11	<11	<11	<11	<11	<11	<11	<11	660	<11	210	<11
Tower 3 - Fluidized																										
Fluidized Bed/GAC Adsorber Exhaust																										
01/07/2009	2.6	6.2	67	2.9	<2	3.83	<4.1	<2	<2	2.2	6.2	<2	51	2	<2	<2	<2	<2	2	<2	<2	14	<2	<2	70	2.5
02/04/2009	<2.2	<2.2	5.7	<2.2	<2.2	3.73	110	<2.2	<2.2	<2.2	<2.2	<2.2	3.5	<2.2	19	<2.2	<2.2	<2.2	<2.2	3.6	<2.2	5.4	<2.2	2.9	6.3	2.2
06/12/2009	5.8	9.9	81	5.8	<2.1	3.74	<4.6	<2.1	<2.1	5.7	11	<2.1	75	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	320	5.4
07/08/2009	<4.4	5	76	<4.4	<4.4	3.47	<8.8	<4.4	<4.4	<4.4	4.6	<4.4	40	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	160	<4.4
08/12/2009	3.4	5.3	97	2.4	<2	3.69	<3.9	<2	<2	4.2	4.8	<2	44	<2	<2	<2	<2	<2	<2	<2	<2	<2.4	<2	<2	300	2.7
08/26/2009	3.6	6.1	74	2.4	<1	3.78	<2.3	<1	3	4.9	5.3	<1	43	<1	<1	<1	<1	<1	<1	<1	<1	<6.5	<1	<1	290	2.2
09/02/2009	<6.9	7.4	120	<6.9	<6.9	3.65	<14	<6.9	<6.9	<6.9	<6.9	<6.9	56	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	420	<6.9
09/09/2009	<12	<12	130	<12	<12	3.75	<23	<12	<12	<12	<12	<12	61	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	520	<12
10/29/2009	<1	<1	<1	<1	<1	3.62	<2	<1	<1	<1	<1	<1	<1	1.6	<1	<1	<1	<1	<1	<1	<1	1.8	<1	<1	<1	<1
11/10/2009	<1	<1	<1	<1	<1	3.83	2.2	<1	<1	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	7.1	<1	<1	<1	<1
12/09/2009	<1	<1	3.1	<1	<1	3.2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<1	<1	<1	<1
Tower 4 - Fluidized																										
Fluidized Bed/GAC Adsorber Inlet																										
03/06/2009	<100	<100	<100	<100	<100	3.85	<210	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	720	<100	320	<100
04/09/2009	<45	<45	79	<45	<45	3.2	<90	<45	<45	<45	<45	<45	48	<45	<45	<45	<45	<45	<45	<45	<45	<45	850	<45	370	<45
05/13/2009	<10	<10	93	<10	<10	3.45	<20	<10	<10	<10	<10	<10	45	<10	<10	<10	<10	<10	<10	<10	<10	<10	1000	<10	350	<10
06/12/2009	<10	<10	79	<10	<10	4.05	<20	<10	<10	<10	<10	<10	39	<10	<10	<10	<10	<10	<10	<10	<10	<10	710	<10	340	<10
07/08/2009	<11	<11	81	<11	<11	3.33	<21	<11	<11	<11	<11	<11	40	<11	<11	<11	<11	<11	<11	<11	<11	<11	950	<11	310	<11
08/12/2009	<4.9	5.5	110	<4.9	<4.9	3.81	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	41	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	880	<4.9	320	<4.9

TABLE 6-3
VALLEY COUNTY WATER DISTRICT LANTE TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sampled	1,1,1-Trichloro ethane (ppbV)	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2-Dichloro ethane (ppbV)	Methyl Ethyl Ketone (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Benzene (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Chloro methane (ppbV)	cis-1,2-Dichloro ethene (ppbV)	Freon 12 (ppbV)	Dichlorometh ane (ppbV)	Ethanol (ppbV)	Ethyl Acetate (ppbV)	Freon 11 (ppbV)	1,3-DCB (ppbV)	Methanol (ppbV)	MTBE (ppbV)	Propylene (ppbV)	PCE (ppbV)	Toluene (ppbV)	TCE (ppbV)	Freon 113 (ppbV)
09/16/2009	<9.1	<9.1	83	<9.1	<9.1	3.64	<18	<9.1	<9.1	<9.1	<9.1	<9.1	34	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	730	<9.1	310	<9.1
09/24/2009	<11	<11	110	<11	<11	3.72	<21	<11	<11	<11	<11	<11	45	<11	<11	<11	<11	<11	<11	<11	<11	<11	580	<11	330	<11
09/30/2009	<18	<18	110	<18	<18	3.72	<36	<18	<18	<18	<18	<18	44	<18	<18	<18	<18	<18	<18	<18	<18	<18	860	<18	340	<18
10/07/2009	<10	<10	97	<10	<10	3.67	<20	<10	<10	<10	<10	<10	38	<10	<10	<10	<10	<10	<10	<10	<10	<10	700	<10	320	<10
10/15/2009	<11	<11	130	<11	<11	3.86	<21	<11	<11	<11	<11	<11	46	<11	<11	<11	<11	<11	<11	<11	<11	<11	2000	<11	470	<11
10/21/2009	1.7	5.6	87	2.6	<1	3.83	<2	1	<1	3.2	5.7	<1	43	<1	<1	<1	<1	<1	<1	<1	<1	<3.1	780	<3	340	1.3
11/10/2009	<4.7	5.7	98	<4.7	<4.7	3.63	<9.3	<4.7	<4.7	<4.7	<4.7	<4.7	37	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	780	<4.7	320	<4.7
12/09/2009	<10	<10	90	<10	<10	3.69	<20	<10	<10	<10	<10	<10	37	<10	<10	<10	<10	<10	<10	<10	<10	<10	500	<10	270	<10
Tower 4 - Fluidized																										
Fluidized Bed/GAC Adsorber Exhaust																										
03/06/2009	<4.3	5.4	53	<4.3	<4.3	3.77	<8.6	<4.3	<4.3	<4.3	4.5	<4.3	48	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<5.6	<4.3	<4.3	11	<4.3
04/09/2009	<5.6	<5.6	80	<5.6	<5.6	3.51	<11	<5.6	<5.6	<5.6	<5.6	<5.6	35	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	8.6	<5.6	<5.6	23	<5.6
05/13/2009	<2.1	7.4	89	2.9	<2.1	3.41	<4.2	<2.1	<2.1	<2.1	6.2	<2.1	75	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<8	<2.1	<2.1	100	<2.1
06/12/2009	<2	7	94	3.2	<2	3.92	<4	<2	<2	<2	6.1	<2	61	<2	<2	<2	<2	<2	<2	<2	<2	7.8	<2	<2	150	<2
07/08/2009	<4.5	6.3	85	<4.5	<4.5	3.83	<9	<4.5	<4.5	<4.5	5.6	<4.5	52	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	11	<4.5	<4.5	180	<4.5
08/12/2009	3.3	5.4	96	3.1	<2	3.79	<4	<2	<2	4.6	5	<2	48	<2	<2	<2	<2	<2	<2	<2	<2	<5.9	<2	<2	230	3
09/16/2009	<4.7	4.9	77	<4.7	<4.7	3.69	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	36	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.8	<4.7	<4.7	350	<4.7
09/24/2009	<4.5	6	95	<4.5	<4.5	3.79	<9	<4.5	<4.5	<4.5	4.9	<4.5	46	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	10	<4.5	23	<4.5	<4.5	330	<4.5
09/30/2009	<8.3	<8.3	74	<8.3	<8.3	3.71	<17	<8.3	<8.3	<8.3	<8.3	<8.3	34	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	9.5	<8.3	<8.6	<8.3	<8.3	310	<8.3
10/07/2009	<5.2	<5.2	95	<5.2	<5.2	3.54	<10	<5.2	<5.2	<5.2	<5.2	<5.2	36	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	11	<5.2	12	<5.2	<5.2	470	<5.2
10/15/2009	<5.3	<5.3	87	<5.3	<5.3	3.65	<11	<5.3	<5.3	<5.3	<5.3	<5.3	36	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	12	<5.3	18	<5.3	<5.3	300	<5.3
10/21/2009	3	5.9	84	3.2	<1	3.94	<2.7	<1	<1	5.2	4.8	1.2	46	<1	<1	<1	<1	<1	<1	<1	<1	<3.1	<9	<1	390	2.1
11/10/2009	<1	<1	<1	<1	<1	4.02	2.5	<1	<1	<1	<1	29	<1	<1	<1	<1	2.5	<1	<1	3.3	<1	<1	<1	<1	<1	<1
12/09/2009	<1	<1	<1	<1	<1	3.54	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.4	<1	<3.1	<1	<1	<1	<1

Notes:

ppbV = parts per billion by volume.

All samples analyzed by USEPA Method TO-15.

The following compounds were not detected in any of the sampling events:

1,1,2,2-Tetrachloroethane	1,2-Dibromoethane (EDB)	1,4-Dioxane	Acrylnitrile	Bromomethane	cis-1,3-Dichloropropene	Hexachlorobutadiene	O-Xylene	Trans-1,3-Dichloropropene
1,1,2-Trichloroethane	1,2-Dichloro-1,1,2,2-Tetrafluoroethane	2,2,4-Trimethylpentane	Allyl Chloride	Chlorobenzene	Cyclohexane	Hexane	1,4-DCB	Vinyl Acetate
1,2,3-Trichloropropane	1,2-Dichloropropane	2-Hexanone	Benzyl Chrloride	Dibromochloromethane	Dichlorofluoromethane	Isopropyl Alcohol	Styrene	Vinyl Bromide
1,2,4-Trichlorobenzene	1,3,5-Trimethylbenzene	4-Ethyltoluene	Bromodichloromethane	Chlorodifluoromethane	Ethyl Benzene	M,P-Xylene	Tetrahydrofuran	Vinyl Chloride (VC)
1,2,4-Trimethylbenzene	1,3-BUTADIENE	4-Methyl-2-pentanone	Bromoform	Chloroethane	Heptane	1,2-DCB	Trans-1,2-Dichloroethylene	

TABLE 6-4
VALLEY COUNTY WATER DISTRICT LANTE TREATMENT PLANT
2009 AIR RISK AND HAZARD SUMMARY

Baldwin Park Operable Unit

San Gabriel Valley, California

Date	MICR		Acute Hazard Index		Chronic Hazard Index		Cancer Burden	
ARAR	10E-06		1.0		1.0		0.5	
	Estimated Annual Average	**Actual Annual Rolling Average**	**Estimated Annual Average**	**Actual Annual Rolling Maximum**	**Estimated Annual Average**	**Actual Annual Rolling Average**	**Estimated Annual Average**	**Actual Annual Rolling Average**
January	5.23E-07	1.52E-07	5.67E-04	6.98E-04	1.70E-03	1.93E-03	- -	- -
February	5.61E-07	1.75E-07	3.88E-04	6.98E-04	1.45E-03	1.54E-03	- -	- -
March	6.85E-07	2.34E-07	3.39E-04	6.98E-04	1.35E-03	1.54E-03	- -	- -
April	6.35E-07	2.80E-07	3.38E-04	6.98E-04	1.60E-03	1.53E-03	- -	- -
May	1.07E-06	3.90E-07	3.43E-04	6.98E-04	1.76E-03	1.58E-03	0.00E+00	- -
June	1.65E-06	5.28E-07	6.36E-04	6.98E-04	4.43E-03	1.68E-03	1.87E-04	- -
July	8.94E-07	5.36E-07	5.38E-04	6.98E-04	1.49E-03	1.67E-03	- -	- -
August	8.90E-07	6.20E-07	7.57E-04	7.57E-04	1.29E-03	1.58E-03	- -	- -
September	9.60E-07	6.60E-07	3.71E-04	7.57E-04	1.39E-03	1.54E-03	- -	- -
October	6.30E-07	6.80E-07	3.59E-04	7.57E-04	1.75E-03	1.55E-03	- -	- -
November	0.00E-06 †	6.80E-07	3.19E-07	7.57E-04	6.31E-04	1.54E-03	- -	- -
December	4.00E-09	6.40E-07	2.35E-07	7.57E-04	6.20E-04	1.45E-03	- -	- -

Notes:

MICR - Maximum individual cancer risk.

ARAR - Applicable or relevant and appropriate requirements.

- - Not calculated, emissions below detection limit.

Estimated annual average based on monthly maximum value.

Actual annual rolling average based on actual emissions over previous 12 months.

Actual annual rolling maximum for acute hazard based on maximum value over previous 12 months.

† - MICR compounds were not detected at the method detection limits.

TABLE 6-5
VALLEY COUNTY WATER DISTRICT LANTE TREATMENT PLANT
2009 BRINE VAULT DATA

Baldwin Park Operable Unit

San Gabriel Valley, California

	pH		Total Discharge	Average Flowrate	Max Flowrate
Date	Min	Max	(gallons)	(gpm)	(gpm)
January	6.0	8.3	7,903,273	177	279
February	6.5	8.6	6,608,088	164	272
March	6.6	9.3	7,668,674	167	334
April	6.4	9.8	6,734,621	155	282
May	6.5	8.9	5,983,898	135	301
June	6.4	8.9	7,067,618	164	335
July	6.3	8.6	7,007,503	155	296
August	6.1	7.7	7,679,331	172	245
September	6.2	9.1	6,748,437	157	212
October	6.1	8.5	6,164,788	145	212
November	6.0	8.0	5,797,968	135	222
December	6.2	8.2	5,208,409	116	254

Notes:

Total annual discharge is 80,572,608 gallons.

gpm - Gallons per minute.

TABLE 6-6
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Benzene	Carbon tetrachloride	Chloroform	Cis-1,2-Dichloroethene	Methylene chloride	Ethyl benzene	Nitrate (as NO3)	N-Nitrosodi-methylamine	Perchlorate	Sulfate	Tetrachloroethene	Toluene	Total Xylenes	Trans-1,2-Dichloroethene	Trichloroethene
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5	6	0.5	3*	1	0.5	100	6	5	700	45	0.01*	6	200**	5	150	1750	10	5
Design Concentrations - Combined Treatment Plant Influent																				
Maximum	5	5	5	5	5	5	5	5	5	5	5	--	0.9	200	--	50	5	5	5	50
Expected Average	0.32	0.48	0.45	3.37	2.12	0.26	2.86	1.91	1.03	0.51	0.49	--	0.592	79.83	--	2.58	0.65	0.83	0.37	26.74
LPVCWD 2																				
01/12/2009	0.5 U	0.5	0.5 U	3.5	2	0.5 U	5.8	2.4	1.6	0.5 U	0.5 U	24	0.17	69	37	4	0.5 U	0.5 U	0.5 U	87
03/09/2009	0.5 U	0.5	0.5 U	3.1	2.2	0.5 U	5.2	2.2	1.4	0.5 U	0.5 U	23	0.26	68	34	3.7	0.5 U	0.5 U	0.5 U	93
05/01/2009	0.5 U	0.5 U	0.5 U	3.1	1.7	0.5 U	4.3	2.1	1.3	0.5 U	0.5 U	23	0.38	73	36	3.4	0.5 U	0.5 U	0.5 U	79
06/11/2009	0.5 U	0.6	0.5 U	3.6	2.4	0.5 U	5.3	2.3	1.5	0.5 U	0.5 U	23	0.29	81	36	3.7	0.5 U	0.5 U	0.5 U	100
07/31/2009	0.5 U	0.5 U	0.5 U	2.3	1.7	0.5 U	2.9	1.7	0.8	0.5 U	0.5 U	27	0.19	57	45	2.7	0.5 U	0.5 U	0.5 U	71
09/30/2009	0.5 U	0.6	0.5 U	3	2	0.5 U	3.8	2.2	1.3	0.5 U	0.5 U	26.0 J	0.27	77	42	3.8	0.5 U	0.5 U	0.5 U	88
10/29/2009	0.5 U	0.6	0.5 U	3.4	0.5 U	0.5 U	4.8	2.5	1.6	0.5 U	0.5 U	29.0 J	0.25	83	39	3.1	0.5 U	0.5 U	0.5 U	99
12/09/2009	0.5 U	0.5	0.5 U	3.8	2.1	0.5 U	4.7	2.5	1.5	0.5 U	0.5 U	24	0.18	87	37	3.5	0.5 U	0.5 U	0.5 U	98
LPVCWD 3																				
01/05/2009	0.5 U	0.5 U	0.5 U	0.7	0.6	0.5 U	0.6	0.6	0.5 U	0.5 U	0.5 U	30	0.078	22	37	1.8	0.5 U	0.5 U	0.5 U	12
01/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	30	0.044	15	37	1.9	0.5 U	0.5 U	0.5 U	9.9
02/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	33	0.017	15	35	1.5	0.5 U	0.5 U	0.5 U	6.8
02/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	32	0.01	13	37	1.3	0.5 U	0.5 U	0.5 U	4.8
03/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	36	0.027	14	35	1.2	0.5 U	0.5 U	0.5 U	5.7
04/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	36	0.012	13	36	1.3	0.5 U	0.5 U	0.5 U	5.3
06/11/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	37	0.011	14	35	1.4	0.5 U	0.5 U	0.5 U	5.4
07/31/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	37	0.0083	11	42	1.3	0.5 U	0.5 U	0.5 U	4
09/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	36.0 J	0.0067	15	39	1.4	0.5 U	0.5 U	0.5 U	4.2
10/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	43.0 J	0.0046	12	37	1.2	0.5 U	0.5 U	0.5 U	3.8
12/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	35	0.006	13	37	1.2	0.5 U	0.5 U	0.5 U	4.4
LPVCWD 5																				
01/12/2009	0.5 U	0.5	0.6	2.1	1.7	0.5 U	2.2	1.6	1.4	0.5 U	0.5 U	26	0.17	48	42	3.7	0.5 U	0.5 U	0.5 U	38
01/20/2009	0.5 U	0.5	0.6	2	1.5	0.5 U	2.1	1.6	1.4	0.5 U	0.5 U	26	0.18	42	41	3.8	0.5 U	0.5 U	0.5 U	38
01/26/2009	0.5 U	0.5 U	0.5 U	1.8	1.4	0.5 U	1.7	1.3	1.2	0.5 U	0.5 U	26	0.2	41	40	2.8	0.5 U	0.5 U	0.5 U	32
02/02/2009	0.5 U	0.5 U	0.5 U	1.6	1.4	0.5 U	1.7	1.3	1.1	0.5 U	0.5 U	27	0.22	44	39	3.2	0.5 U	0.5 U	0.5 U	34
02/09/2009	0.5 U	0.5 U	0.5 U	1.3	1.3	0.5 U	1.3	1	0.9	0.5 U	0.5 U	26	0.17	36	39	2.3	0.5 U	0.5 U	0.5 U	26
02/17/2009	0.5 U	0.5 U	0.5 U	1.5	1.3	0.5 U	1.6	1.2	0.9	0.5 U	0.5 U	27	0.2	37	41	2.8	0.5 U	0.5 U	0.5 U	30
02/23/2009	0.5 U	0.5 U	0.5 U	1.9	1.2	0.5 U	1.9	1.2	1.1	0.5 U	0.5 U	26	0.18	38	38	2.5	0.5 U	0.5 U	0.5 U	30
03/03/2009	0.5 U	0.5 U	0.5 U	1.2	1.2	0.5 U	1.2	1	0.7	0.5 U	0.5 U	27	0.16	32	37	2.3	0.5 U	0.5 U	0.5 U	26
03/10/2009	0.5 U	0.5 U	0.5 U	1.2	1.1	0.5 U	1.4	1.1	0.8	0.5 U	0.5 U	27	0.16	30	38	2.6	0.5 U	0.5 U	0.5 U	26
03/16/2009	0.5 U	0.5 U	0.5 U	1.1	1	0.5 U	1.5	1.1	0.8	0.5 U	0.5 U	27	0.13	34	38	3	0.5 U	0.5 U	0.5 U	30
04/20/2009	0.5 U	0.5 U	0.5 U	1.1	1	0.5 U	1.2	0.9	0.8	0.5 U	0.5 U	28	0.13	31	39	2.3	0.5 U	0.5 U	0.5 U	23
04/27/2009	0.5 U	0.5 U	0.5 U	1.1	1	0.5 U	1.2	1	0.7	0.5 U	0.5 U	28	0.1	32	39	2.5	0.5 U	0.5 U	0.5 U	26
05/04/2009	0.5 U	0.5 U	0.5 U	1.1	0.8	0.5 U	1.1	1	0.7	0.5 U	0.5 U	27	0.13	31	38	2.3	0.5 U	0.5 U	0.5 U	22
05/11/2009	0.5 U	0.5 U	0.5 U	1	0.9	0.5 U	1	0.8	0.6	0.5 U	0.5 U	27	0.13	32	37	2.2	0.5 U	0.5 U	0.5 U	21
05/18/2009	0.5 U	0.5 U	0.5 U	1	0.9	0.5 U	1	0.9	0.7	0.5 U	0.5 U	27	0.14	29	37	2.3	0.5 U	0.5 U	0.5 U	21
05/26/2009	0.5 U	0.5 U	0.5 U	1	0.9	0.5 U	0.9	0.9	0.6	0.5 U	0.5 U	28	0.023	27	36	2.2	0.5 U	0.5 U	0.5 U	19
06/01/2009	0.5 U	0.5 U	0.5 U	1	0.9	0.5 U	1	0.8	0.7	0.5 U	0.5 U	28	0.13	33	37	2.2	0.5 U	0.5 U	0.5 U	19
06/09/2009	0.5 U	0.5 U	0.5 U	1.1	0.9	0.5 U	1.1	0.9	0.7	0.5 U	0.5 U	28	0.15	32	38	2.2	0.5 U	0.5 U	0.5 U	22
06/15/2009	0.5 U	0.5 U	0.5 U	1	0.9	0.5 U	1	0.8	0.7	0.5 U	0.5 U	28	0.14	31	38	2.2	0.5 U	0.5 U	0.5 U	20
06/22/2009	0.5 U	0.5 U	0.5 U	1	0.9	0.5 U	0.9	0.8	0.7	0.5 U	0.5 U	29	0.12	28	38	2.2	0.5 U	0.5 U	0.5 U	19
06/29/2009	0.5 U	0.5 U	0.5 U	0.9	0.8	0.5 U	0.8	0.7	0.7	0.5 U	0.5 U	27	0.11	27	39	2.2	0.5 U	0.5 U	0.5 U	18
07/06/2009	0.5 U	0.5 U	0.5 U	1	0.8	0.5 U	1	0.8	0.8	0.5 U	0.5 U	28	0.11	23	40	2.6	0.5 U	0.5 U	0.5 U	21
07/13/2009	0.5 U	0.5 U	0.5 U	1.1	0.8	0.5 U	1	0.8	0.8	0.5 U	0.5 U	27	0.095	24	40	2.3	0.5 U	0.5 U	0.5 U	20
07/20/2009	0.5 U	0.5 U	0.5 U	1	0.8	0.5 U	0.9	0.8	0.7	0.5 U	0.5 U	27	0.11	23	40	2.3	0.5 U	0.5 U	0.5 U	19
08/03/2009	0.5 U	0.5 U	0.5 U	0.8	0.8	0.5 U	0.8	0.7	0.5	0.5 U	0.5 U	28	0.098	21	38	1.9	0.5 U	0.5 U	0.5 U	16
08/10/2009	0.5 U	0.5 U	0.5 U	0.9	0.9	0.5 U	1	0.8	0.6	0.5 U	0.5 U	28	0.09 J	25	41	2.2	0.5 U	0.5 U	0.5 U	19

TABLE 6-6
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Benzene	Carbon tetrachloride	Chloroform	Cis-1,2-Dichloroethene	Methylene chloride	Ethyl benzene	Nitrate (as NO3)	N-Nitrosodi-methylamine	Perchlorate	Sulfate	Tetrachloroethene	Toluene	Total Xylenes	Trans-1,2-Dichloroethene	Trichloroethene
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5	6	0.5	3*	1	0.5	100	6	5	700	45	0.01*	6	200**	5	150	1750	10	5
08/17/2009	0.5 U	0.5 U	0.5 U	1	0.8	0.5 U	1	0.9	0.6	0.5 U	0.5 U	27	0.099	25	38	2.4	0.5 U	0.5 U	0.5 U	22
08/24/2009	0.5 UJ	0.5 U	0.5 U	1	0.8	0.5 U	0.9	0.8	0.7	0.5 U	0.5 U	28	0.1	25	37	2.3	0.5 U	0.5 U	0.5 U	18
08/31/2009	0.5 U	0.5 U	0.5 U	0.9	0.8	0.5 U	0.9	0.8	0.6	0.5 U	0.5 U	28	0.093	25	38	2.2	0.5 U	0.5 U	0.5 U	18
09/28/2009	0.5 U	0.5 U	0.5 U	0.9	0.8	0.5 U	0.9	0.8	0.6	0.5 U	0.5 U	28	0.11	26	38	2.3	0.5 U	0.5 U	0.5 U	18
10/12/2009	0.5 U	0.5 U	0.5 U	1	0.8	0.5 U	1.1	1	0.9	0.5 U	0.5 U	31	0.1 J	30.0 J	38	2.7	0.5 U	0.5 U	0.5 U	22
11/02/2009	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	1.3	1.1	0.8	0.5 U	0.5 U	29	0.099 J	28	41	2.7	0.5 U	0.5 U	0.5 U	22
12/07/2009	0.5 U	0.5 U	0.5 U	0.9	0.7	0.5 U	0.9	0.7	0.6	0.5 U	0.5 U	29	0.081	29	37	1.9	0.5 U	0.5 U	0.5 U	19
SP-6, Fully Treated Water																				
01/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.9	0.002 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.1	0.002 U	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/26/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.8	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.2	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1	0.002 U	2.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.4	0.002 U	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.1	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.002 U	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.6	0.002 U	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.1	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/13/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5	0.002 U	2.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/27/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.7	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/11/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.3	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/26/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.5	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/01/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.1	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.2	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/15/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.3	0.002 U	2.0 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/22/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/13/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3	0.002 U	2.0 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/27/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.8	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.6	0.002 UJ	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/24/2009	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.002 U	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/08/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.3	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/14/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.2	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/28/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.2	0.002 UJ	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5	0.002 U	2.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/19/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.5 J	0.002 UJ	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/26/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 6-6
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,4-Dioxane	Benzene	Carbon tetrachloride	Chloroform	Cis-1,2-Dichloroethene	Methylene chloride	Ethyl benzene	Nitrate (as NO3)	N-Nitrosodi-methylamine	Perchlorate	Sulfate	Tetrachloroethene	Toluene	Total Xylenes	Trans-1,2-Dichloroethene	Trichloroethene
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5	6	0.5	3*	1	0.5	100	6	5	700	45	0.01*	6	200**	5	150	1750	10	5
11/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/07/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/15/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8	0.002 U	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.6	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.002 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

MCL - Maximum contaminant level.

SMCL - Secondary maximum contaminant level.

Chloroform MCL based on MCL for trihalomethanes

NL - Notification Level.

NA - Not analyzed or data not available.

U - Not detected (Detection limit reported).

J - Reported value is the approximate concentration of the analyte in the sample.

TABLE 6-7
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 CHEMICAL MASS REMOVED

Baldwin Park Operable Unit

San Gabriel Valley, California

	2009 Average Concentrations (mg/L)[1]			**Chemical Mass Removed**[2] (kg)			**Total Mass Removed**	
Compound	**LPVCWD 2**	**LPVCWD 3**	**LPVCWD 5**	**LPVCWD-2**	**LPVCWD-3**	**LPVCWD 5**	(kg)	(lb)
1,1-Dichloroethane	0.41	0	0.03	0.02	0.00	0.13	0.15	0
1,2-Dichloroethane	3.2	0.1	1.2	0.16	0.02	4.93	5.11	11
1,4-Dioxane	1.76	0.13	0.96	0.09	0.04	4.07	4.20	9
Carbon Tetrachloride	4.6	0.1	1.2	0.23	0.02	5.06	5.31	12
Cis-1,2-Dichloroethene	1.4	0.0	0.8	0.07	0.00	3.34	3.41	8
Chloroform	2.2	0.1	1.0	0.11	0.03	4.09	4.23	9
N-Nitrosodimethylamine	0.249	0.020	0.129	0.00	0.00	0.55	0.55	1
Perchlorate	74	14	31	3.72	4.10	130.54	138.36	305
Tetrachloroethene	3.5	1.4	2.5	0.17	0.40	10.45	11.03	24
Trichloroethene	89	6	23	4.47	1.73	99.15	105.35	232
Total				**9**	**6**	**262**	**278**	**612**

Notes:

[1] - Average concentrations calculated using 0 ug/L for non-detects.

[2] - Chemical mass removed calculated by multiplying the average concentration from each extraction well by the total volume of water pumped from each well.

TABLE 6-8
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sampled	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2,4-Trimethyl benzene (ppbV)	1,2-Dichloro ethane (ppbV)	1,4-Dioxane (ppbV)	MEK (ppbV)	2-Hexanone (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Cis-1,2-Dichloro ethene (ppbV)	Dichloro difluoro methane (ppbV)	Dichloro methane (ppbV)	m,p-Xylene (ppbV)	Propylene (ppbV)	PCE (ppbV)	TCE (ppbV)
Small Tower Inlet																			
01/21/2009	<1	<1	<1	3.2	<1	<1	<1	3.99	<3.1	<1	2	2.8	1.8	4.9	<1	2.1	<7.6	6.3	45
02/24/2009	<4	<4	<4	8.4	<4	<4	<4	3.96	<7.9	<4	6	5.3	4.3	5.9	<4	<7.9	<4.8	8.5	160
03/06/2009	2.1	1.8	4	8	<1.8	<4.3	<1.8	3.65	<23	38	5.6	5.3	5.2	6.1	<1.8	<3.5	<2	9.2	110
03/18/2009	<4.1	<4.1	<4.1	6.2	<4.1	<4.1	<4.1	3.59	<8.1	<4.1	5.4	4.6	4.3	6	<4.1	<8.1	<4.1	7.9	120
04/15/2009	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	3.28	<8.4	<4.2	<4.2	<4.2	<4.2	5.6	<4.2	<8.4	<4.2	6.2	91
05/19/2009	<2.1	<2.1	<2.1	5.1	<2.1	<2.1	<2.1	3.59	<4.1	<2.1	3.7	3.7	3.7	4.8	<2.1	<4.1	<2.1	5.6	90
06/12/2009	<1.9	<1.9	<1.9	5.9	<1.9	<1.9	<1.9	3.93	<3.8	<1.9	3.9	4	4.1	5.8	<1.9	<3.8	<1.9	9.4	94
07/30/2009	1.6	1.5	<1	5.9	<1	<1	<1	3.58	<2	<1	3.6	3.9	3.7	5	<1	<2	<1	6.9	79
08/18/2009	1.6	1.4	<1	7	<1	<1	<1	3.88	<2	<1	4.6	4	3.4	6.4	<1	<2	1.3	7.7	100
09/16/2009	<3.7	<3.7	<3.7	6	<3.7	<3.7	<3.7	3.69	<7.3	<3.7	4	4	<3.7	5.5	<3.7	<7.3	<3.7	6.2	81
10/07/2009	<2.3	<2.3	<2.3	4.3	<2.3	<2.3	<2.3	3.9	<4.6	<2.3	3.4	3.2	2.8	4.8	<2.3	<4.6	<2.3	5.7	77
11/10/2009	<4.1	<4.1	<4.1	8.2	<4.1	<4.1	<4.1	2.88	<8.1	9.1	5.3	4.4	<4.1	5.9	<4.1	<8.1	<4.1	9.9	120
12/16/2009	<4.7	<4.7	<4.7	5.9	<4.7	<4.7	<4.7	3.77	<9.3	<4.7	4.9	4.9	4.7	7.3	<4.7	<9.3	<4.7	7.8	110
Small Tower Outlet																			
01/21/2009	1.1	<1	<1	<1	<1	<1	<1	4.08	<2.1	<1	1.1	2.3	<1	4.7	<1	<2	<6.8	<1	<1
02/24/2009	1.6	<1	<1	3.6	<1	<1	<1	3.73	<2	<1	2.1	3.5	2.6	5.7	<1	<2	<5.3	<1	<1
03/06/2009	2.2	1.7	<1	5.1	<1	<1	<1	3.77	<3.1	<1	3.3	5.2	4.6	5.8	<1	<2	<1.5	<1	1.8
03/18/2009	<1	<1	<1	<1	<1	<1	<1	3.77	<2	<1	<1	<1	<1	2.6	<1	<2	<1	<1	<1
04/15/2009	1.7	1.2	<1	1.7	<1	<1	<1	3.26	3.6	3.3	1.3	3.7	2.7	5.5	<1	<2	<1	<1	<1
05/19/2009	<1	<1	<1	<1	<1	<1	<1	3.64	<5.1	<1	<1	<1	<1	3.6	<1	<2	<1	<1	<1
06/12/2009	1.6	1.3	<1	1.8	<1	<1	<1	3.9	<3	<1	1.7	2.8	2	5.2	<1	<2	<1.1	<1	<1
07/30/2009	<1	<1	<1	<1	<1	<1	<1	4.08	<6.4	<1	<1	<1	<1	5.3	<1	<2	1	<1	<1
08/18/2009	1.6	1.5	<1	1.6	<1	<1	<1	3.93	<2	<1	1.6	3.4	2.3	5.3	<1	<2	<1	<1	<1
09/16/2009	1.8	1.2	<1	6.4	<1	<1	<1	3.77	<2	<1	3.4	4.6	4.1	5.4	<1	<2	<1.8	<1	<1
10/07/2009	<1	<1	<1	<1	<1	<1	<1	3.78	16	<1	<1	<1	<1	4.6	<1	<2	1.9	<1	<1
11/10/2009	1.7	1.2	<1	3.2	<1	<1	<1	3.78	<2	<1	2.8	3.9	2.8	5.5	1.1	<2	2.3	<1	<1
12/16/2009	<1	<1	<1	<1	<1	<1	<1	3.77	<2	2.7	<1	<1	<1	6.1	<1	<2	<3.3	<1	<1
Large Tower Inlet																			
01/21/2009	2.1	<1.9	<1.9	8.9	<1.9	<1.9	<1.9	4	<3.7	<1.9	6.2	5.4	4.9	6.4	<2.3	<3.7	<6.6	8.7	120
02/24/2009	<3.4	<3.4	<3.4	8.6	<3.4	<3.4	<3.4	3.62	<6.8	<3.4	5.5	5.3	4.8	5.6	<3.4	<6.8	<4.9	9	150
03/06/2009	<3.8	<3.8	<3.8	6.9	<3.8	<3.8	<3.8	3.63	<7.5	<3.8	4.8	4.8	4.4	5.8	<3.8	<7.5	<3.8	8.6	120
03/18/2009	<4	<4	<4	4.7	6.5	<4	<4	3.55	<8	<4	<4	<4	<4	4.9	<4	<8	<4	6.4	83
04/15/2009	<3.9	<3.9	<3.9	3.9	<3.9	<3.9	<3.9	3.31	<7.8	<3.9	<3.9	<3.9	<3.9	5.3	<3.9	<7.8	<3.9	5.4	88
05/19/2009	<2.5	<2.5	<2.5	4	<2.5	<2.5	<2.5	3.67	<5.1	<2.5	3	2.7	2.5	4.3	<2.5	<5.1	<2.5	4.5	63
06/12/2009	<4.7	<4.7	<4.7	6.2	<4.7	<4.7	<4.7	3.79	<9.3	<4.7	<4.7	<4.7	<4.7	5.6	<4.7	<9.3	<4.7	7.7	95
07/30/2009	1.2	1	<1	4.4	<1	<1	<1	3.84	<2.3	<1	2.7	2.8	2.8	4	<1	<2	<1.1	5.2	58
08/18/2009	1.3	1.2	<1	6	<1	<1	<1	4.01	<2	<1	3.7	3.6	3.2	4.9	<1	<2	<1	6.3	76
09/16/2009	<3.5	<3.5	<3.5	4.5	<3.5	<3.5	<3.5	3.75	<7.1	<3.5	<3.5	<3.5	<3.5	4.4	<3.5	<7.1	<3.5	4.7	59
10/07/2009	<2.1	<2.1	<2.1	4.5	<2.1	<2.1	<2.1	3.77	<4.1	<2.1	3	2.9	2.5	4.1	<2.1	<4.1	<2.1	5.1	69
11/10/2009	<3.8	<3.8	<3.8	4.6	<3.8	<3.8	<3.8	3.77	<7.7	<3.8	<3.8	<3.8	<3.8	4.4	<3.8	<7.7	<3.8	4.9	71
12/16/2009	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	3.79	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	65
Large Tower Outlet A																			
01/21/2009	<1	<1	<1	<1	<1	<1	<1	3.8	<2	<1	<1	1.1	<1	6.8	<1	<2	<6.4	<1	<1

TABLE 6-8
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sampled	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2,4-Trimethyl benzene (ppbV)	1,2-Dichloro ethane (ppbV)	1,4-Dioxane (ppbV)	MEK (ppbV)	2-Hexanone (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Cis-1,2-Dichloro ethene (ppbV)	Dichloro difluoro methane (ppbV)	Dichloro methane (ppbV)	m,p-Xylene (ppbV)	Propylene (ppbV)	PCE (ppbV)	TCE (ppbV)
02/24/2009	2.2	1.7	<1	2.4	<1	<1	<1	3.5	<3.1	<1	2.5	4.4	2.7	5.9	<1	<2	<1.8	<1	<1
03/06/2009	2.4	2	<1	3.4	<1	<1	<1	3.53	<2	1.1	2.9	5.1	3.7	5.3	<1	<2	2.3	<1	<1
03/18/2009	<1	<1	<1	<1	<1	<1	<1	3.71	<2.5	<1	<1	<1	<1	4.3	2.5	<2	<6.4	<1	<1
04/15/2009	1.1	<1	<1	<1	<1	<1	<1	3.07	2.1	<1	<1	1.6	<1	5.1	<1	<2	1.4	<1	<1
05/19/2009	<1	<1	<1	<1	<1	1.1	<1	3.53	<9.2	1.5	<1	<1	<1	4.8	<1	<2	<3.3	<1	<1
06/12/2009	<1	<1	<1	<1	<1	<1	<1	3.74	<3.9	<1	<1	<1	<1	6.3	<1	<2	<1	<1	<1
07/30/2009	<1	<1	<1	<1	<1	<1	<1	3.7	<2.2	<1	<1	<1	<1	4.2	1.2	<2	<1	<1	<1
08/18/2009	<1	<1	<1	<1	<1	<1	<1	3.95	<2	<1	<1	<1	<1	5.1	<1	<2	<1	<1	<1
09/16/2009	1.1	<1	<1	<1	<1	<1	<1	3.87	<2	<1	<1	1.8	<1	4.4	<1	<2	<1.5	<1	<1
10/07/2009	<1	<1	<1	<1	<1	<1	<1	3.76	3.9	<1	<1	<1	<1	4.3	1.9	<2	2.9	<1	<1
11/10/2009	<1	<1	<1	<1	<1	<1	<1	3.68	<2	<1	<1	<1	<1	4.1	<1	<2	2.8	<1	<1
12/16/2009	<1	<1	<1	<1	<1	<1	<1	3.69	<2	<1	<1	<1	<1	4	<1	<2	<3.7	<1	<1
Large Tower Outlet B																			
01/21/2009	<1	<1	<1	<1	<1	<1	<1	4.06	<2	<1	1.8	2.6	1.3	6.8	<1	<2	<6.9	<1	3.4
02/24/2009	2.8	2	<1	5.3	<1	<1	<1	3.56	<2	<1	4.5	6.4	5.1	5.9	<1	<2	<2.2	<1	5
03/06/2009	2.5	2.1	<1	5.1	<1	<1	<1	3.79	<4	<1	3.8	5.8	5	5.4	<1	<2	2.1	<1	3.8
03/18/2009	<1	<1	<1	<1	<1	<1	<1	3.72	<2	<1	<1	<1	<1	4.5	<1	<2	<1.1	<1	1.3
04/15/2009	1.3	<1	<1	<1	<1	<1	<1	3.41	<2	<1	<1	2.3	1.1	5	<1	<2	1	<1	1.1
05/19/2009	<1	<1	<1	<1	<1	1	<1	3.75	<7.3	1.9	<1	<1	<1	4	<1	<2	<2.7	<1	<1
06/12/2009	<1	<1	<1	<1	<1	<1	<1	3.81	<4.6	<1	<1	1.2	<1	6.2	<1	<2	<1	<1	1.6
07/30/2009	<1	<1	<1	<1	<1	<1	<1	3.61	<2	<1	<1	<1	<1	4.1	<1	<2	<1	<1	<1
08/18/2009	1.1	<1	<1	<1	<1	<1	<1	4.04	<2	<1	<1	1.7	<1	1.2	<1	<2	<1	<1	1.3
09/16/2009	1.2	<1	<1	1.5	<1	<1	<1	3.56	<2	<1	1.1	2.5	1.6	4.3	<1	<2	<1.4	<1	1.4
10/07/2009	<1	<1	<1	<1	<1	<1	<1	3.67	2.6	<1	<1	<1	<1	4.4	<1	<2	3	<1	<1
11/10/2009	1	<1	<1	<1	<1	<1	1.6	4.07	4.2	3.1	<1	1.4	<1	4.1	<1	<2	2.7	<1	<1
12/16/2009	<1	<1	<1	<1	<1	<1	<1	3.7	<2	1.7	<1	<1	<1	4.2	<1	<2	<4.1	<1	<1

Notes:
ppbV = parts per billion by volume.
All samples analyzed by USEPA Method TO-15.
The following compounds were not detected in any of the sampling events:

1,1,1-Trichloroethane	1,2-Dichloropropane	Allyl Chloride	Chlorodibromomethane	Ethanol	Hexane	1,4-DCB	Vinyl Bromide
1,1,2,2-Tetrachloroethane	1,3,5-Trimethylbenzene	Benzene	Chlorodifluoromethane	Ethyl Acetate	Isopropyl Alcohol	Styrene	Vinyl Chloride
1,1,2-Trichloroethane	1,3-Butadiene	Benzyl Chloride	Chloroethane	Ethyl Benzene	1,3-DCB	Tetrahydrofuran	
1,2,3-Trichloropropane	2,2,4-Trimethylpentane	Bromodichloromethane	Methyl Chloride	Freon11	Methanol	Toluene	
1,2,4-Trichlorobenzene	4-Ethyltoluene	Bromoform	Cis-1,3-Dichloropropene	Freon 113	MTBE	Trans-1,2-Dichloroethylene	
1,2-Dibromoethane (EDB)	MIBK	Methyl Bromide	Cyclohexane	Heptane	1,2-DCB	Trans-1,3-Dichloropropene	
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	Acrylonitrile	Chlorobenzene	Dichlorofluoromethane	Hexachlorobutadiene	O-Xylene	Vinyl Acetate	

TABLE 6-9
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 AIR RISK AND HAZARD SUMMARY

Baldwin Park Operable Unit

San Gabriel Valley, California

Date	MICR		Acute Hazard Index		Chronic Hazard Index		Cancer Burden	
ARAR	10E-06		1.0		1.0		0.5	
	Estimated Annual Average	**Actual Annual Rolling Average**	**Estimated Annual Average**	**Actual Annual Rolling Maximum**	**Estimated Annual Average**	**Actual Annual Rolling Average**	**Estimated Annual Average**	**Actual Annual Rolling Average**
January	2.01E-07	1.98E-07	3.59E-04	8.04E-04	1.14E-04	9.24E-05	- -	- -
February	5.73E-07	2.38E-07	5.67E-04	8.04E-04	2.63E-04	1.10E-04	- -	- -
March	7.72E-07	2.42E-07	7.78E-04	8.04E-04	3.90E-04	1.12E-04	- -	- -
April	2.59E-07	2.26E-07	5.17E-04	7.78E-04	1.48E-04	1.07E-04	- -	- -
May	0.00E+00	1.86E-07	1.26E-06	7.78E-04	9.49E-07	8.85E-05	- -	- -
June	2.67E-07	1.92E-07	3.47E-04	7.78E-04	1.53E-04	9.35E-05	- -	- -
July	3.52E-10	1.78E-07	3.23E-07	7.78E-04	8.69E-07	8.61E-05	- -	- -
August	1.90E-07	1.90E-07	3.11E-04	7.78E-04	1.11E-04	9.12E-05	- -	- -
September	6.60E-07	2.20E-07	8.97E-04	8.97E-04	3.06E-04	1.10E-04	- -	- -
October	1.00E-09	2.20E-07	1.02E-06	8.97E-04	2.74E-06	1.10E-04	- -	- -
November	3.20E-07	2.20E-07	5.20E-04	8.97E-04	1.67E-04	1.14E-04	- -	- -
December	0.00E-06 †	2.10E-07	5.03E-06	8.97E-04	2.92E-06	1.06E-04	- -	- -

Notes:

MICR - Maximum individual cancer risk.

ARAR - Applicable or relevant and appropriate requirements.

- - Not calculated, emissions below detection limit.

Estimated annual average based on monthly maximum value.

Actual annual rolling average based on actual emissions over previous 12 months.

Actual annual rolling maximum for acute hazard based on maximum value over previous 12 months.

† - MICR compounds were not detected at the method detection limits.

TABLE 6-10
LA PUENTE VALLEY COUNTY WATER DISTRICT TREATMENT PLANT
2009 BRINE VAULT DATA

Baldwin Park Operable Unit

San Gabriel Valley, California

	pH		Total Discharge	Average Flowrate	Max Flowrate
Date	Min	Max	(gallons)	(gpm)	(gpm)
January	6.4	9.4	656,552	15	50
February	6.3	9.1	492,741	12	44
March	6.2	9.0	631,772	14	44
April	6.5	9.5	652,654	15	40
May	6.3	8.9	760,864	17	61
June	6.3	8.8	743,380	17	45
July	6.3	9.4	644,860	14	38
August	6.0	9.0	862,307	19	46
September	6.3	9.1	917,695	21	85
October	6.0	9.7	796,888	18	63
November	6.0	9.7	749,390	16	48
December	6.3	9.8	666,626	14	48

Notes:

Total annual discharge is 8,575,729 gallons.

gpm - Gallons per minute.

TABLE 6-11
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane (mg/L)	1,1-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,4-Dioxane (mg/L)	Benzene (mg/L)	Carbon tetrachloride (mg/L)	Chloroform (mg/L)	cis-1,2-Dichloroethene (mg/L)	Ethylbenzene (mg/L)	Methylene chloride (mg/L)	Nitrate (as NO3) (mg/L)	n-Nitrosodimethylamine (mg/L)	Perchlorate (mg/L)	Sulfate (mg/L)	Tetrachloroethene (mg/L)	Toluene (mg/L)	Total Xylenes (mg/L)	trans-1,2-Dichloroethene (mg/L)	Trichloroethene (mg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5.0	6	0.5	3*	1.0	0.5	100	6.0	700	5	45	0.01*	6	200**	5	150	1750	10	5
Design Concentrations - Combined Treatment Plant Influent																				
Maximum	5	5	15	10	5	5	10	5	20	5	5	--	0.90	200	-	100	5	5	5	150
Expected	1.74	0.82	7.01	1.29	3.35	0.37	1.77	1.55	6.84	0.55	1.71	--	0.19	51.42	-	37.94	0.58	0.80	0.51	68.39
Well B6C																				
03/13/2009	0.5 U	0.5 U	0.5 U	0.52	NA	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	NA	5 U	NA	NA	0.71	0.5 U	0.5 U	0.5 U	5.6
05/07/2009	0.5 U	0.5 U	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.83	0.5 U	0.5 U	0.5 U	89	0.062	24	58	0.66	0.5 U	0.5 U	0.5 U	6.6
08/24/2009	0.5 UJ	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.5 U	87	0.049	21	58	0.65	0.5 U	0.5 U	0.5 U	5.3
11/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	89	0.048	25	57	0.5 U	0.5 U	0.5 U	0.5 U	4
Well B6D																				
03/13/2009	0.5 U	1.1	0.98	2.9	NA	0.5 U	4.8	2.6	2.4	0.5 U	0.5 U	NA	5 U	NA	NA	5.6	0.5 U	0.5 U	0.5 U	68
05/07/2009	0.5 U	1.5	1.2	3.6	2	0.5 U	5.4	3.1	3.1	0.5 U	0.5 U	22	0.43	88	36	6.6	0.5 U	0.5 U	0.5 U	99
08/24/2009	0.5 UJ	1.3	1.1	3	2.1	0.5 U	4.4	2.9	3	0.5 U	0.5 U	21	0.24	73	38	6.8	0.5 U	0.5 U	0.5 U	67
11/23/2009	0.5 U	1.1	1	2.8	2.2	0.5 U	3.5	2.7	2.9	0.5 U	0.5 U	22	0.3	88	36	6.1	0.5 U	0.5 U	0.5 U	72
Well B25A																				
02/09/2009	0.5 U	0.5 U	2	0.5 U	1.1	0.5 U	0.93	1	2.1	0.5 U	0.5 U	71	0.047	23	51	14	0.5 U	0.5 U	0.5 U	21
03/04/2009	0.5 U	0.5 U	2.6	0.5 U	1.1	0.5 U	1.1	1.1	2.4	0.5 U	0.5 U	76	0.097	23	49	15	0.5 U	0.5 U	0.5 U	24
03/12/2009	0.5 U	0.5 U	3.7	0.95	NA	0.5 U	2	1.4	3.3	0.5 U	0.5 U	NA	5 U	NA	NA	20	0.5 U	0.5 U	0.5 U	38
04/17/2009	0.5 U	0.5 U	2.1	0.5 U	1	0.5 U	1.1	1.2	2.4	0.5 U	0.5 U	74	0.048	22	51	17	0.5 U	0.5 U	0.5 U	25
05/05/2009	0.5 U	0.5 U	4.3	1	1.4	0.5 U	2.5	1.4	3.8	0.5 U	0.5 U	62	0.27 J	34	47	22	0.5 U	0.5 U	0.5 U	44
06/02/2009	0.5 U	0.5 U	4.5	1.1	1.6	0.5 U	2.5	1.4	4.4	0.5 U	0.5 U	59	0.24	34	48	22	0.5 U	0.5 U	0.5 U	45
07/24/2009	0.5 U	0.5 U	4.6	1.1	1.6	0.5 U	2.3	1.5	4	0.5 U	0.5 U	62	0.2	28	50	21	0.5 U	0.5 U	0.5 U	45
08/05/2009	0.5 U	0.5 U	3.8	1.1	1.6	0.5 U	2.5	1.6	4	0.5 U	0.5 U	63	0.17 J	30	50	23	0.5 U	0.5 U	0.5 U	48
09/02/2009	0.5 U	0.5 U	4.1	1	1.6	0.5 U	2.5	1.5	4	0.5 U	0.5 U	59	0.19	29	50	22	0.5 U	0.5 U	0.5 U	43
10/06/2009	0.5 U	0.5 U	4.5	1	1.5	0.5 U	2.5	1.4	3.6	0.5 U	0.5 U	59	0.22 J	39	54	20	0.5 U	0.5 U	0.5 U	40
11/05/2009	0.5 U	0.5 U	1.9	0.5 U	0.8	0.5 U	0.55	0.87	1.7	0.5 U	0.5 U	78 J	0.041	20	50	14	0.5 U	0.5 U	0.5 U	18
12/02/2009	0.5 U	0.5 U	3.9	1	1.4	0.5 U	2.4	1.5	3.8	0.5 U	0.5 U	62	0.18	38	47	21	0.5 U	0.5 U	0.5 U	44
Well B25B																				
02/09/2009	0.5 U	0.5 U	1.4	0.5 U	0.5 U	0.5 U	8.2	0.68	1.4	0.5 U	0.5 U	9.8	0.0056	5.8	36	4.7	0.5 U	0.5 U	0.5 U	13
03/04/2009	0.5 U	0.5 U	1.9	0.5 U	0.52	0.5 U	8.3	0.51	1.7	0.5 U	0.5 U	10	0.01	6.7	41	5.8	0.5 U	0.5 U	0.5 U	15
03/12/2009	0.5 U	0.5 U	2.3	0.5 U	NA	0.5 U	8.1	0.53	1.9	0.5 U	0.5 U	NA	5 U	NA	NA	6.8	0.5 U	0.5 U	0.5 U	19
04/17/2009	0.5 U	0.5 U	0.77	0.5 U	0.5 U	0.5 U	6.1	0.5 U	0.76	0.5 U	0.5 U	14	0.0039	3.5	42	2.4	0.5 U	0.5 U	0.5 U	7.4
05/05/2009	0.5 U	0.5 U	1.7	0.5 U	0.5 UJ	0.5 U	6.8	0.5 U	1.8	0.5 U	0.5 U	10	0.014 J	7.5	40	6.4	0.5 U	0.5 U	0.5 U	17
06/02/2009	0.5 U	0.5 U	2.1	0.5 U	0.52	0.5 U	6.9	0.5	2.2	0.5 U	0.5 U	10	0.018	6.9	40	7	0.5 U	0.5 U	0.5 U	19
07/24/2009	0.5 U	0.5 U	2.4	0.5 U	0.55	0.5 U	7.6	0.51	2	0.5 U	0.5 U	10	0.015	6.8	41	6.9	0.5 U	0.5 U	0.5 U	19
08/05/2009	0.5 U	0.5 U	1.8	0.5 U	0.55	0.5 U	7.1	0.52	1.9	0.5 U	0.5 U	10	0.058 J	7	41	7	0.5 U	0.5 U	0.5 U	20
09/02/2009	0.5 U	0.5 U	2.1	0.5 U	0.5 U	0.5 U	6.9	0.5	2	0.5 U	0.5 U	9.5	0.016	6.8	39	7.3	0.5 U	0.5 U	0.5 U	19
10/06/2009	0.5 U	0.5 U	2.2	0.5 U	0.52	0.5 U	6.7	0.5 U	1.9	0.5 U	0.5 U	9.8	0.02 J	8.7	42	7	0.5 U	0.5 U	0.5 U	18
11/05/2009	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	5.5	0.5 U	1.8	0.5 U	0.5 U	9.2 J	0.013 J	7.4	37	6.5	0.5 U	0.5 U	0.5 U	18
12/02/2009	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	6.1	0.5 U	2	0.5 U	0.5 U	9.7	0.016	9.2	38	7	0.5 U	0.5 U	0.5 U	20
Well B26A																				
01/07/2009	0.5 U	0.63	0.92	3.4	2.3	0.5 U	2.7	2.7	2.8	0.5 U	0.5 U	51	0.12 J	60	48	5.1	0.5 U	0.5 U	0.5 U	48
02/04/2009	0.5 U	0.62	0.99	3.1	2.3 J	0.5 U	2.4	2.7	2.8	0.5 U	0.5 U	53	0.33	66	47	5.2	0.5 U	0.5 U	0.5 U	47
03/04/2009	0.5 U	0.53	0.81	2.4	2.2	0.5 U	2.2	2.3	2.2	0.5 U	0.5 U	60	0.76	59	46	4.6	0.5 U	0.5 U	0.5 U	45
03/12/2009	0.5 U	0.58	0.85	2.8	NA	0.5 U	2.3	2.4	2.5	0.5 U	0.5 U	NA	5 U	NA	NA	5	0.5 U	0.5 U	0.5 U	48
04/01/2009	0.5 U	0.58	0.76	2.4	2.2	0.5 U	2.2	2.3	2.2	0.5 U	0.5 U	55	0.86	63	48	5.1	0.5 U	0.5 U	0.5 U	48
05/05/2009	0.5 U	0.5 U	0.56	2.4	1.7 J	0.5 U	1.8	2	1.7	0.5 U	0.5 U	60	0.51 J	55	48	3.9	0.5 U	0.5 U	0.5 U	37
06/02/2009	0.5 U	0.5 U	0.73	2.7	1.9	0.5 U	1.9	2.2	2.2	0.5 U	0.5 U	62	0.21	56	48	4.5	0.5 U	0.5 U	0.5 U	41
07/08/2009	0.5 U	0.51	0.75	2.8	1.9	0.5 U	2.2	2.2	2.4	0.5 U	0.5 U	55	0.52	52	49	5	0.5 U	0.5 U	0.5 U	46
08/05/2009	0.5 U	0.5 U	0.53	2.4	1.8	0.5 U	1.8	2.1	1.6	0.5 U	0.5 U	61	0.47 J	48	51	3.7	0.5 U	0.5 U	0.5 U	38
09/02/2009	0.5 U	0.5 U	0.5 U	2.3	1.6	0.5 U	1.7	2	1.6	0.5 U	0.5 U	59	0.43	45	49	3.6	0.5 U	0.5 U	0.5 U	33
10/06/2009	0.5 U	0.5 U	0.5 U	2.3	1.7	0.5 U	1.7	2	1.5	0.5 U	0.5 U	56	0.57 J	56	53	3.5	0.5 U	0.5 U	0.5 U	32
11/05/2009	0.5 U	0.5 U	0.63	2.3	1.8	0.5 U	1.6	2.1	1.9	0.5 U	0.5 U	58 J	0.56 J	59	46	4.2	0.5 U	0.5 U	0.5 U	42
12/02/2009	0.5 U	0.5 U	0.5	2.5	1.5	0.5 U	1.6	2.1	1.8	0.5 U	0.5 U	60	0.44	58	48	3.6	0.5 U	0.5 U	0.5 U	38
Well B26B																				
01/07/2009	0.5 U	0.5 U	0.5 U	0.87	1	0.5 U	14	0.97	0.5 U	0.5 U	0.5 U	13	0.03 J	20	40	0.69	0.5 U	0.5 U	0.5 U	20
02/04/2009	0.5 U	0.5 U	0.5 U	0.87	1 J	0.5 U	13	1	0.5 U	0.5 U	0.5 U	12 J	0.027	22	39	0.77	0.5 U	0.5 U	0.5 U	22
03/04/2009	0.5 U	0.5 U	0.5 U	0.63	1	0.5 U	12	0.92	0.5 U	0.5 U	0.5 U	12	0.032	20	38	0.68	0.5 U	0.5 U	0.5 U	21
03/12/2009	0.5 U	0.5 U	0.5 U	0.73	NA	0.5 U	13	0.93	0.5 U	0.5 U	0.5 U	NA	5 U	NA	NA	0.78	0.5 U	0.5 U	0.5 U	23
04/01/2009	0.5 U	0.5 U	0.5 U	0.67	1	0.5 U	12	0.85	0.5 U	0.5 U	0.5 U	13	0.029	23	39	0.82	0.5 U	0.5 U	0.5 U	23
05/05/2009	0.5 U	0.5 U	0.5 U	0.8	0.94 J	0.5 U	11	0.96	0.5 U	0.5 U	0.5 U	13	0.03 J	22	39	0.73	0.5 U	0.5 U	0.5 U	22
06/02/2009	0.5 U	0.5 U	0.5 U	0.88	1.1	0.5 U	12	0.92	0.5 U	0.5 U	0.5 U	13	0.037	22	39	0.84	0.5 U	0.5 U	0.5 U	24
07/08/2009	0.5 U	0.5 U	0.5 U	1	1	0.5 U	15	1	0.55	0.5 U	0.5 U	12	0.034	21	41	1.1	0.5 U	0.5 U	0.5 U	29
08/05/2009	0.5 U	0.5 U	0.5 U	0.94	1.1	0.5 U	14	1	0.5 U	0.5 U	0.5 U	13	0.037 J	23	41	0.93	0.5 U	0.5 U	0.5 U	28
09/02/2009	0.5 U	0.5 U	0.5 U	0.94	1	0.5 U	13	1	0.5 U	0.5 U	0.5 U	13	0.039	22	39	0.95	0.5 U	0.5 U	0.5 U	25
10/06/2009	0.5 U	0.5 U	0.5 U	0.89	1.1	0.5 U	11	0.95	0.5 U	0.5 U	0.5 U	12	0.047 J	29	43	0.87	0.5 U	0.5 U	0.5 U	23
11/05/2009	0.5 U	0.5 U	0.5 U	0.92	1	0.5 U	10	1	0.5	0.5 U	0.5 U	13 J	0.046 J	28	38	0.98	0.5 U	0.5 U	0.5 U	28
12/02/2009	0.5 U	0.5 U	0.5 U	0.99	0.97	0.5 U	11	0.98	0.5 U	0.5 U	0.5 U	13	0.039	31	38	0.85	0.5 U	0.5 U	0.5 U	27
Fully Treated Water																				
01/07/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 6-11
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane (mg/L)	1,1-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,4-Dioxane (mg/L)	Benzene (mg/L)	Carbon tetrachloride (mg/L)	Chloroform (mg/L)	cis-1,2-Dichloroethene (mg/L)	Ethylbenzene (mg/L)	Methylene chloride (mg/L)	Nitrate (as NO3) (mg/L)	n-Nitrosodi methylamine (mg/L)	Perchlorate (mg/L)	Sulfate (mg/L)	Tetrachloroethene (mg/L)	Toluene (mg/L)	Total Xylenes (mg/L)	trans-1,2-Dichloro ethene (mg/L)	Trichloroethene (mg/L)
Regulatory Limits																				
MCL/NL*/SMCL**	200	5.0	6	0.5	3*	1.0	0.5	100	6.0	700	5	45	0.01*	6	200**	5	150	1750	10	5
Design Concentrations - Combined Treatment Plant Influent																				
Maximum	5	5	15	10	5	5	10	5	20	5	5	--	0.90	200	-	100	5	5	5	150
Expected	1.74	0.82	7.01	1.29	3.35	0.37	1.77	1.55	6.84	0.55	1.71	--	0.19	51.42	-	37.94	0.58	0.80	0.51	68.39
01/13/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/28/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	16 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	18	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/01/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/07/2009	0.5 U	0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/15/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/22/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	16	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/27/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	16	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/19/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/27/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	16	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/24/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	18	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/08/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/14/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	17	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/28/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.4	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/26/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12	0.002 U	1.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/22/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11	0.002 U	1.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/15/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12	0.002 U	2 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/20/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12	0.002 U	1.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	16 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/24/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20	0.002 U	0.82 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

MCL - Maximum contaminant level.

SMCL - Secondary maximum contaminant level.

Chloroform MCL based on MCL for trihalomethanes

NL - Notification Level.

NA - Not analyzed or data not available.

U - Not detected (Detection limit reported).

J - Reported value is the approximate concentration of the analyte in the sample.

TABLE 6-12
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 CHEMICAL MASS REMOVED

Baldwin Park Operable Unit

San Gabriel Valley, California

	2009 Average Concentrations (mg/L)[1]						Chemical Mass Removed[2] (kg)						Total Mass Removed	
Compound	**Well B6C**	**Well B6D**	**Well B25A**	**Well B25B**	**Well B26A**	**Well B26B**	**Well B6C**	**Well B6D**	**Well B25A**	**Well B25B**	**Well B26A**	**Well B26B**	(kg)	(lb)
1,1-Dichloroethane	--	1.3	--	--	0.3	--	--	0.0	--	--	0.5	--	0.5	1.2
1,1-Dichloroethene	--	1.1	3.5	1.9	0.6	--	--	0.0	8.0	4.7	1.2	--	14.0	30.8
1,2-Dichloroethane	0.4	3.1	0.7	--	2.6	0.9	0.0	0.0	1.6	--	5.2	2.2	9.0	19.7
1,4-Dioxane	--	2.1	1.3	0.2	1.9	1.0	--	0.0	3.0	0.6	3.8	2.6	10.1	22.2
Carbon tetrachloride	--	4.5	1.9	7.0	2.0	12.4	--	0.0	4.3	17.8	4.0	31.8	58.0	127.8
cis-1,2-Dichloroethene	--	2.9	3.3	1.8	2.1	0.1	--	0.0	7.5	4.5	4.2	0.2	16.4	36.1
Chloroform	0.7	2.8	1.3	0.3	2.2	1.0	0.0	0.0	3.0	0.8	4.5	2.5	10.7	23.7
N-Nitrosodimethylamine	0.0398	0.2425	0.1419	0.0158	0.4446	0.0328	0.0	0.0	0.3	0.0	0.9	0.1	1.3	2.9
Perchlorate	23.3	83.0	29.1	6.9	56.4	23.6	0.0	0.1	66.3	17.6	112.5	60.6	257.1	566.8
Tetrachloroethene	0.5	6.3	19.3	6.2	4.4	0.8	0.0	0.0	43.9	15.8	8.7	2.2	70.6	155.6
Trichloroethene	5.4	76.5	36.3	17.0	41.8	24.2	0.0	0.1	82.7	43.1	83.3	62.2	271.4	598.4
Total							**0.0**	**0.2**	**212.7**	**100.2**	**227.1**	**164.4**	**704.6**	**1,553.4**

Notes:

[1] - Average concentrations calculated using 0 ug/L for non-detects.

[2] - Chemical mass removed calculated by multiplying the average concentration from each extraction well by the total volume of water pumped from each well.

- - Analyte not detected in the well during 2009.

TABLE 6-13
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sample	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2,4-Trimethyl benzene (ppbV)	1,2-Dichloro ethane (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Benzene (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Cis-1,2-Dichloro ethene (ppbV)	Dichloro difluoro methane (ppbV)	Dichloro methane (ppbV)	Freon 113 (ppbV)	Freon 11 (ppbV)	MEK (ppbV)	Methyl Chloride (ppbV)	PCE (ppbV)	Propylene (ppbV)	TCE (ppbV)
Tower 1 Inlet to 1st 20,000 lb Adsorber																				
02/04/2009	<9.9	<9.9	<9.9	16	3.76	<20	<9.9	<9.9	48	15	15	<9.9	<9.9	9.9 UJ	<9.9	<9.9	<9.9	17	<9.9	280
02/11/2009	<8.4	<8.4	<8.4	9.4	3.46	<17	<8.4	14	29	<8.4	8.6	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	10	<8.4	160
04/24/2009	<3.7	16	<3.7	4.4 J	3.11	<7.3	<3.7	<3.7	23	7.2	20	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	52	<3.7	170
06/12/2009	<5.1	<5.1	<5.1	15	3.77	<10	<5.1	<5.1	46	11	6.7	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	11	<5.1	210
08/12/2009	<2.4	21	<2.4	7.6	3.86	<4.9	<2.4	<2.4	38	7.4	18	3.6	<2.4	<2.4	<2.4	<2.4	<2.4	46	<2.4	190
09/16/2009	<4.7	15	<4.7	6.9	3.78	<9.5	<4.7	<4.7	32	7.2	16	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	44	<4.7	190
10/21/2009	<4	14	<4	6.3	3.72	<7.9	<4	<4	33	6.4	14	<4	<4	<4	<4	<4	<4	44	<5.7	190
11/10/2009	<4.9	16	<4.9	8	3.88	<9.7	<4.9	<4.9	34	7.4	16	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	49	<4.9	240
12/30/2009	<3.8	<3.8	<3.8	9.9	3.95	<10	<3.8	<3.8	38	7.9	5.3	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	6.9	<3.8	160
Tower 1 Outlet of 2nd 20,000 lb Adsorber																				
02/04/2009	<1	<1	<1	<1	2.78	<5.5	<1	2.1	<1	<1	<1	7.3	<1	1 UJ	<1	<1	<1	<1	<1	<1
02/11/2009	<1	<1	<1	<1	3.73	<8.6	<1	1.2	<1	<1	<1	5.9	<1	<1	<1	1.9	<1	<1	<2.8	<1
04/24/2009	1	9.3	<1	1 UJ	3.28	<2	<1	<1	<1	1	1.9	3.8	<1	<1	<1	<1	<1	<1	1.2	<1
06/12/2009	2.3	13	<1	<1	3.87	<5.1	<1	<1	<1	3.7	7.6	2.5	<1	<1	<1	<1	<1	<1	<1.4	<1
08/12/2009	2.3	16	<1	<1	3.89	<5.4	<1	10	<1	6.1	14	3.8	<1	<1	<1	<1	4.4	<1	3	<1
09/16/2009	2.2	13	<1	<1	3.75	<2.6	<1	<1	<1	6.7	16	3.5	<1	<1	<1	<1	<1	<1	<1.4	<1
10/21/2009	2.3	16	<1	<1	4.09	<4.3	<1	<1	<1	7.8	18	3.4	<1	<1	<1	<1	<1	<1	<2	<1
11/10/2009	3.5	22	<1	<1	3.83	3	<1	1.7	<1	12	27	4.1	<1	<1	<1	<1	<1	<1	7.4	<1
12/30/2009	2.2	14	<1	<1	3.66	<9.2	<1	<1	<1	8.5	18	1.4	<1	<1	<1	<1	<1	<1	<3.5	<1
Tower 2 Inlet to 1st 20,000 lb Adsorber																				
01/07/2009	<4.7	<4.7	<4.7	13	3.72	<9.4	<4.7	<4.7	42	11	11	4.8	<4.7	<4.7	<4.7	<4.7	<4.7	13	<4.9	210
01/28/2009	2.3	3.1	<2	14	4.06	<3.9	<2	<2	48	11	9.7	5.1	<2	<2	<2	<2	<2	13	<3.7	240
03/06/2009	<4.6	12	<4.6	<4.6	3.96	<9.2	<4.6	<4.6	18	4.9	11	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	62
03/26/2009	<5.1	16	<5.1	6.2	3.88	<10	<5.1	<5.1	34	7.5	17	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	49	<5.1	210
04/03/2009	<4.2	<4.2	<4.2	13	3.69	<8.5	<4.2	<4.2	40	11 J	9.6	4.9	<4.2	<4.2	<4.2	<4.2	<4.2	13	<4.2	180
05/13/2009	<4.3	18	<4.3	6.4	3.69	<8.6	<4.3	<4.3	29	6.7	17	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	45	<4.3	200
06/12/2009	<5	<5	<5	9.4	3.86	<10	<5	<5	27	6.4	<5	<5	<5	<5	<5	<5	<5	6.4	<5	120
07/02/2009	<5.2	<5.2	<5.2	8.2	2.97	<10	<5.2	<5.2	22	7.4	7.1	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	7.7	<5.2	130
07/08/2009	<4.2	<4.2	<4.2	8.7	3.92	<8.4	<4.2	<4.2	25	7.6	7.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	8	<4.2	150
07/17/2009	<5.5	<5.5	<5.5	9.6	3.89	<11	<5.5	<5.5	27	8.4	7.6	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	9.7	<5.5	170
07/22/2009	<5.2	7.9	<5.2	<5.2	4.04	<10	<5.2	<5.2	17	<5.2	7.7	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	26	<5.2	110
07/30/2009	<4	16	<4	6.5	3.71	<8	<4	<4	30	6.5	15	<4	<4	<4	<4	<4	<4	39	<4	150
08/05/2009	<4.1	19	<4.1	6.9	3.8	<8.1	<4.1	<4.1	30	6.6	16	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	41	<4.1	160
08/12/2009	<2.5	17	<2.5	7	3.8	<5	<2.5	<2.5	33	6.6	15	3.5	<2.5	<2.5	<2.5	<2.5	<2.5	41	2.9	170
08/18/2009	<2	16	<2	6.8	4.43	<3.9	<2	<2	32	6.2	14	3.7	<2	<2	<2	<2	<2	43	<2	180
08/26/2009	<4.1	16	<4.1	6.2	3.6	<8.3	<4.1	<4.1	34	6.6	16	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	41	<4.1	150
09/02/2009	<4.1	19	<4.1	7.7	3.84	<8.1	<4.1	<4.1	30	8.3	21	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	51	<7.1	200
09/09/2009	<5.6	16	<5.6	6.3	3.75	<11	<5.6	<5.6	27	6.9	16	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	41	<5.6	170
09/16/2009	1.7	16	<1	7.5	3.85	<2	<1	<1	33	7	17	3.2	<1	<1	<1	<1	<1	36	<1.7	160
09/23/2009	<4.3	16	<4.3	5.7	3.88	<8.6	<4.3	<4.3	27	6.5	17	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	42	<8	160
09/30/2009	<4	13	<4	5.4	3.71	<8	<4	<4	26	5.9	14	<4	<4	<4	<4	<4	<4	37	<4	150
10/07/2009	<4.2	15	<4.2	5.8	3.73	<8.4	<4.2	<4.2	27	6.2	15	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	39	<4.2	170
10/21/2009	<3.9	14	<3.9	6.5	4	<14	<3.9	<3.9	29	5.7	13	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	36	<5.5	170
10/29/2009	<4	15	<4	6.6	4.14	16	<4	<4	34	6.2	15	<4	<4	<4	<4	14	<4	40	<4	170
11/05/2009	<4.1	14	<4.1	5.8	3.75	<8.1	<4.1	<4.1	26	6.5	14	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	36	<4.1	170

TABLE 6-13
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sample	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2,4-Trimethyl benzene (ppbV)	1,2-Dichloro ethane (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Benzene (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Cis-1,2-Dichloro ethene (ppbV)	Dichloro difluoro methane (ppbV)	Dichloro methane (ppbV)	Freon 113 (ppbV)	Freon 11 (ppbV)	MEK (ppbV)	Methyl Chloride (ppbV)	PCE (ppbV)	Propylene (ppbV)	TCE (ppbV)
11/18/2009	<4	14	<4	6.3	3.65	<8.1	<4	<4	29	6.6	14	<4	<4	<4	<4	<4	<4	42	<4	190
11/25/2009	<3.9	14	<3.9	4	3.75	<7.7	<3.9	<3.9	24	5.3	13	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	30	<3.9	140
12/02/2009	<4.8	14	<4.8	<4.8	3.71	<9.6	<4.8	<4.8	23	5.4	13	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	33	<4.8	150
Tower 2 Outlet of 2nd 20,000 lb Adsorber																				
01/07/2009	3.2	13	<1	7	3.89	<4.7	<1	<1	25	12	28	4.6	<1	<1	<1	<1	<1	<1	<1	28
01/28/2009	2.7	7.2	<1	6.6	3.51	<2.6	<1	<1	22	12	25	<1	<1	<1	<1	<1	<1	<1	<1	25
03/06/2009	<1	<1	<1	<1	3.81	<4.5	<1	<1	<1	<1	<1	3.8	<1	<1	<1	<1	<1	<1	<3.6	<1
03/26/2009	<1	2.3	<1	<1	4.2	<9.4	<1	<1	<1	<1	1	4	<1	<1	<1	1.2	<1	<1	<4.9	<1
04/03/2009	<1	2.7	<1	<1	4.47	<5.6	<1	<1	<1	1 J	1.1	6	<1	<1	<1	<1	<1	<1	<2.2	<1
05/13/2009	2	10	<1	<1	4.13	<12	<1	<1	<1	4.9	8	3.5	<1	<1	<1	<1	<1	<1	2	<1
06/12/2009	2.5	16	<1	2.1	3.74	<3.4	<1	<1	1.8	8.1	12	2.7	<1	<1	<1	<1	<1	<1	<2.2	<1
07/02/2009	2.1	16	<1	1.8	3.24	<3.1	<1	<1	1.5	7.7	14	3.8	<1	<1	<1	<1	<1	<1	<2.4	<1
07/08/2009	1.9	14	<1	2.1	3.91	<3.7	<1	<1	1.9	7.7	14	3.3	<1	<1	<1	<1	<1	<1	<1.9	<1
07/17/2009	2.3	17	<1	3.1	4.7	<15	<1	<1	2.8	9.5	20	4.2	<1	<1	<1	<1	<1	<1	<4.3	<1
07/22/2009	1.8	15	<1	2.8	4.33	<2.4	<1	<1	2.5	7.4	15	3.3	<1	<1	<1	<1	<1	<1	<3.4	<1
07/30/2009	2	10	<1	3.8	3.72	<2	<1	<1	3.2	8.2	16	3.3	<1	<1	<1	<1	<1	<1	1.6	<1
08/05/2009	2	12	<1	4	3.85	<2	<1	<1	3.4	8.2	16	3.5	<1	<1	<1	<1	1	<1	<4.3	<1
08/12/2009	2	11	<1	4.7	3.68	<2.1	6.1	<1	4.4	8.7	17	2.9	<1	<1	<1	<1	<1	<1	<1	<1
08/18/2009	1.4	8.6	<1	3.8	3.87	<3.7	<1	<1	3.8	6.1	12	2.8	4	<1	<1	<1	<1	<1	<1	<1
08/26/2009	2.2	14	<1	5.6	3.68	<2	<1	3	7.1	9.6	19	3.6	<1	<1	1.2	<1	<1	<1	<4.8	<1
09/02/2009	2.1	14	<1	5.2	3.8	<8.9	<1	<1	4.8	8.6	18	3.2	<1	<1	<1	<1.6	<1	<1	<3.9	<1
09/09/2009	2	14	<1	5.5	3.81	2.7	<1	1.1	5.9	8.3	17	3.1	<1	<1	<1	<1	<1	<1	1.7	<1
09/16/2009	2.1	15	<1	6.6	3.83	<2	<1	<1	7.6	9.2	18	3.4	<1	<1	<1	<1	<1	<1	<2.6	<1
09/23/2009	2.1	17	<1	6.6	3.59	<2.6	<1	<1	8.6	8.9	19	3.5	<1	<1	<1	<1	<1	<1	<6.7	<1
09/30/2009	2.2	18	<1	7.4	3.64	<3.9	<1	<1	11	10	21	3.8	<1	<1	<1	<1	<1	<1	<1.9	<1
10/07/2009	1.9	17	1.1	6.7	3.73	2.3	<1	<1	11	8.7	18	3.3	<1	<1	<1	<1	<1	<1	2.9	<1
10/21/2009	1.8	17	<1	8.8	3.64	<2.2	<1	<1	15	8.5	16	3.4	<1	<1	<1	<1	<1	<1	<1.7	<1
10/29/2009	<1	9	<1	1	3.65	<2	<1	<1	1.6	2.5	8.6	3.2	4.6	<1	<1	<1	<1	<1	3.2	3.3
11/05/2009	<1	<1	<1	<1	3.76	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.9	<1
11/18/2009	<1	<1	<1	<1	3.71	<2	<1	3.1	<1	<1	<1	4.3	<1	1 UJ	1 UJ	<1	<1	<1	<5.8	<1
11/25/2009	<1	<1	<1	<1	3.63	<7.9	<1	<1	<1	<1	<1	3.5	<1	<1	<1	<1	<1	<1	<5.9	<1
12/02/2009	<1	<1	<1	<1	3.63	<3.6	<1	<1	<1	<1	<1	3.2	<1	<1	<1	1.1	<1	<1	2.1	<1
Tower 3 Inlet to 1st 20,000 lb Adsorber																				
01/07/2009	<5	<5	<5	15	3.83	<10	<5	<5	47	13	12	5.2	<5	<5	<5	<5	<5	16	<5	250
01/28/2009	2.6	2.9	<2	15	4.04	<4	<2	<2	50	12	11	5.2	<2	<2	<2	<2	<2	14	<3.5	230
02/04/2009	<10	<10	<10	16	2.88	<20	<10	<10	40	13	13	<10	<10	10 UJ	<10	<10	<10	16	<10	230
03/06/2009	<4.7	16	<4.7	6.2	3.83	<9.5	<4.7	<4.7	33	8	17	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	49	<4.7	200
05/13/2009	<3.9	19	<3.9	5.5	3.75	<7.9	<3.9	<3.9	30	6.9	18	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	46	<3.9	200
07/17/2009	<6	<6	<6	9.8	3.91	<12	<6	<6	28	8.8	7.8	<6	<6	<6	<6	<6	<6	9.9	<6	170
08/12/2009	<2.4	20	<2.4	7.5	3.63	<4.9	<2.4	<2.4	36	7.6	17	3.8	<2.4	<2.4	<2.4	<2.4	<2.4	47	2.6	190
09/16/2009	<4.8	20	<4.8	10	3.74	<9.6	<4.8	<4.8	43	10	23	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	63	<4.8	210
10/21/2009	<3.8	15	<3.8	7.6	3.91	<7.7	<3.8	<3.8	36	6.7	15	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	47	<5.1	200
11/10/2009	<4.8	17	<4.8	9.1	3.88	<9.6	<4.8	<4.8	35	7.9	17	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	54	<4.8	180
12/30/2009	1.1	1.8	<1	9.2	3.85	<2	<2.1	<1	42	7.8	5.2	3.2	<1	<1	<1	<1	<1	7.4	<3.9	260
Tower 3 Outlet of 2nd 20,000 lb Adsorber																				

TABLE 6-13
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 AIR QUALITY DATA
Baldwin Park Operable Unit
San Gabriel Valley, California

Date Sample	1,1-Dichloro ethane (ppbV)	1,1-Dichloro ethene (ppbV)	1,2,4-Trimethyl benzene (ppbV)	1,2-Dichloro ethane (ppbV)	4-Bromo fluoro benzene (ppbV)	Acetone (ppbV)	Benzene (ppbV)	Carbon disulfide (ppbV)	Carbon tetra chloride (ppbV)	Chloroform (ppbV)	Cis-1,2-Dichloro ethene (ppbV)	Dichloro difluoro methane (ppbV)	Dichloro methane (ppbV)	Freon 113 (ppbV)	Freon 11 (ppbV)	MEK (ppbV)	Methyl Chloride (ppbV)	PCE (ppbV)	Propylene (ppbV)	TCE (ppbV)
01/07/2009	3.1	46	<1	7.1	3.81	<3.2	<1	<1	32	13	37	5.7	<1	2.2	<1	<1	<1	<1	<6.3	3.2
01/28/2009	2.2	29	<1	7.4	3.74	<2	<1	<1	28	8.8	23	5	<1	1.1	<1	<1	<1	<1	<1	4.2
02/04/2009	3.1	36	<1	7.1	3.57	<5.7	<1	<1	30	9.1	26	5	<1	1.8 J	<1	<1	<1	<1	<6.3	5.3
03/06/2009	<1	<1	<1	<1	3.59	<2	<1	<1	<1	<1	<1	5.3	<1	<1	<1	<1	<1	<1	<2.9	<1
05/13/2009	<1	4.7	<1	<1	3.65	<5.2	<1	<1	<1	<1	<1	3.5	<1	<1	<1	<1	<1	<1	<1	<1
07/17/2009	2.1	28	<1	<1	3.89	<7.8	<1	2	<1	2.3	3.6	5.1	<1	<1	1.1	1.3	<1	<1	<3.4	<1
08/12/2009	2.6	24	<1	<1	3.8	<2.8	<1	<1	<1	3.7	5.3	3.4	<1	<1	<1	<1	<1	<1	2	<1
09/16/2009	2.8	19	<1	<1	3.73	<2	<1	<1	<1	6.4	11	3.6	<1	<1	<1	<1	<1	<1	<2	<1
10/21/2009	2.8	22	<1	1.6	3.61	<2	<1	1.8	2.2	9.6	18	3.8	<1	<1	<1	<1	<1	<1	<3.8	<1
11/10/2009	2.7	20	<1	2	4.2	3.2	<1	<1	2.3	11	22	3.7	<1	<1	<1	<1	1.1	<1	7.7	<1
12/30/2009	1.7	12	<1	1.7	3.6	<3.9	<1	<1	3.1	7.1	15	1.8	<1	<1	<1	<1	<1	<1	<3.5	<1
Tower 4 Inlet to 1st 20,000 lb Adsorber																				
02/11/2009	<8.6	<8.6	<8.6	11	3.43	<17	<8.6	<8.6	30	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	11	<8.6	170
04/24/2009	<4.1	14	<4.1	4.1 J	3.18	<8.1	<4.1	<4.1	22	7	18	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	47	<4.1	200
07/22/2009	<5.2	11	<5.2	<5.2	4.24	<10	<5.2	<5.2	21	<5.2	10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	34	<5.2	140
08/12/2009	<2.4	20	<2.4	7.6	3.78	<4.9	<2.4	<2.4	37	7.5	17	4	<2.4	<2.4	<2.4	<2.4	<2.4	47	<2.4	190
10/21/2009	<4	16	<4	8	3.89	<8	<4	<4	39	7	16	<4	<4	<4	<4	<4	<4	50	<5.7	200
Tower 4 Outlet of 2nd 20,000 lb Adsorber																				
02/11/2009	<1	<1	<1	<1	3.87	<2.1	<1	<1	<1	<1	<1	7.1	<1	<1	<1	<1	<1	<1	<2.7	1.6
04/24/2009	<1	4.8	<1	1 UJ	2.95	<2	<1	<1	<1	<1	<1	3.7	<1	<1	<1	<1	<1	<1	1.1	1.7
07/22/2009	<1	22	<1	<1	4.44	<2.6	<1	3.6	<1	1.6	5	3.7	<1	<1	<1	3.1	<1	14	<2.5	8
08/12/2009	1.2	22	<1	<1	3.86	<2.3	<1	1.1	<1	2.6	8.7	3.8	<1	<1	<1	1.1	<1	<1	1.9	1.4
10/21/2009	1.8	19	<1	<1	3.74	<2.3	<4.8	<1	<1	4.8	17	3.2	<1	<1	<1	<1	<1	<1	<2	1.3

Notes:
ppbV = parts per billion by volume.
All samples analyzed by method TO-15.
The following compounds were not detected in any of the sampling events:

1,1,1-Trichloroethane	1,2-DCB	1,3-DCB	4-Ethyltoluene	Bromoform	Cis-1,3-Dichloropropene	Ethyl acetate	Isopropyl alcohol	MTBE	trans-1,2-Dichloroethylene
1,1,2,2-Tetrachloroethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane	1,4-DCB	Acrylonitrile	Chlorobenzene	Cyclohexane	Ethyl benzene	M,P-Xylene	O-Xylene	trans-1,3-Dichloropropene
1,1,2-Trichloroethane	1,2-Dichloropropane	1,4-Dioxane	Allyl chloride	Chlorodibromomethane	Dichlorofluoromethane	Heptane	Methanol	Styrene	Vinyl Chloride (VC)
1,2,3-Trichloropropane	1,3,5-Trimethylbenzene	2,2,4-Trimethylpentane	Benzyl chloride	Chlorodifluoromethane	EDB	Hexachlorobutadiene	Methyl bromide	Tetrahydrofuran	Vinyl Acetate
1,2,4-Trichlorobenzene	1,3-Butadiene	2-Hexanone	Bromodichloromethane	Chloroethane	Ethanol	Hexane	MIBK	Toluene	Vinyl Bromide

TABLE 6-14
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 AIR RISK AND HAZARD SUMMARY

Baldwin Park Operable Unit

San Gabriel Valley, California

Date	MICR		Acute Hazard Index		Chronic Hazard Index		Cancer Burden	
ARAR	10E-06		1.0		1.0		0.5	
	Estimated Annual Average	**Actual Annual Rolling Average**	**Estimated Annual Average**	**Actual Annual Rolling Maximum**	**Estimated Annual Average**	**Actual Annual Rolling Average**	**Estimated Annual Average**	**Actual Annual Rolling Average**
January	2.05E-06	1.17E-06	1.23E-03	3.42E-03	1.50E-03	9.21E-04	3.84E-04	3.38E-05
February	1.05E-06	1.61E-06	5.01E-04	3.42E-03	8.04E-04	1.39E-03	2.04E-05	1.54E-04
March	2.07E-09	1.38E-06	1.74E-06	3.49E-03	1.82E-05	1.19E-03	- -	7.59E-05
April	1.00E-08	1.09E-06	8.05E-05	3.49E-03	1.25E-04	9.61E-04	- -	2.23E-05
May	2.64E-08	8.67E-07	2.61E-04	1.41E-03	2.30E-04	8.43E-04	- -	- -
June	1.11E-07	8.13E-07	4.12E-04	1.41E-03	2.30E-04	7.85E-04	- -	- -
July	2.97E-07	7.80E-07	6.65E-04	1.41E-03	1.02E-03	7.81E-04	- -	- -
August	3.80E-07	7.70E-07	2.05E-03	2.05E-03	7.79E-04	7.92E-04	- -	- -
September	5.20E-07	7.80E-07	2.27E-03	2.27E-03	7.78E-04	7.89E-04	- -	- -
October	9.00E-07	7.90E-07	3.05E-03	3.05E-03	1.02E-03	7.33E-04	- -	- -
November	2.70E-07	6.10E-07	2.60E-03	3.05E-03	5.88E-04	6.87E-04	- -	- -
December	2.70E-07	4.90E-07	2.60E-03	3.05E-03	5.88E-04	6.35E-04	- -	- -

Notes:

MICR - Maximum individual cancer risk.

ARAR - Applicable or relevant and appropriate requirements.

- - Not calculated, emissions below detection limit.

Estimated annual average based on monthly maximum value.

Actual annual rolling average based on actual emissions over previous 12 months.

Actual annual rolling maximum for acute hazard based on maximum value over previous 12 months.

TABLE 6-15
SAN GABRIEL VALLEY WATER COMPANY B6 TREATMENT PLANT
2009 BRINE VAULT DATA

Baldwin Park Operable Unit

San Gabriel Valley, California

	pH		Total Discharge	Average Flowrate	Max Flowrate
Date	Min	Max	(gallons)	(gpm)	(gpm)
January	6.4	8.5	3,472,890	78	193
February	6.1	8.6	2,498,477	62	187
March	7.4	8.8	4,709,482	107	190
April	7.2	8.8	3,617,822	84	190
May	6.9	8.6	5,033,113	112	196
June	6.9	9.2	2,337,610	54	184
July	7.0	8.7	4,165,665	92	197
August	6.9	8.8	5,206,530	116	209
September	7.5	8.7	4,982,159	115	205
October	6.4	8.8	4,608,315	107	197
November	6.3	8.7	4,795,142	112	206
December	6.3	8.9	1,815,393	41	190

Notes:

Total annual discharge is 47,242,598 gallons.

gpm - Gallons per minute.

TABLE 6-16
SAN GABRIEL VALLEY WATER COMPANY B5 TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane (mg/L)	1,1-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,4-Dioxane (mg/L)	Benzene (mg/L)	Carbon tetrachloride (mg/L)	Chloroform (mg/L)	cis-1,2-Dichloro ethene (mg/L)	Ethylbenzene (mg/L)	Methylene chloride (mg/L)	Nitrate (NO3) (mg/L)	n-Nitrosodi methylamine (mg/L)	Perchlorate (mg/L)	Tetrachloroethene (mg/L)	Toluene (mg/L)	Total Xylenes (mg/L)	trans-1,2-Dichloro ethene (mg/L)	Trichloroethene (mg/L)
Regulatory Limits																			
MCL/NL*	200	5	6	0.5	3*	1.0	0.5	100	6	700	5	45	10*	6	5	150	1750	10	5
Design Concentrations - Combined Treatment Plant Influent																			
Maximum	5	5	5	10	5	5	5	5	5	5	5	--	700	150	50	5	5	5	50
Expected	0.54	0.34	0.52	0.61	0.61	0.28	1.57	0.84	0.56	0.40	1.11	--	100.80	11.41	1.71	0.61	0.35	0.30	4.95
Well B5B																			
02/04/2009	0.5 U	0.5 U	0.49 J	0.18 J	1.3	0.5 U	0.34 J	1.2	0.5 U	0.5 U	0.5 U	38	0.021	6.6	3.9	0.5 U	0.5 U	0.5 U	2
03/03/2009	0.5 U	0.5 U	0.36 J	0.37 J	0.78	0.5 U	0.4 J	1	0.5 U	0.5 U	0.5 U	51	0.056	12	2.4	0.5 U	0.5 U	0.5 U	4.2
04/01/2009	0.5 U	0.5 U	0.33 J	0.38 J	0.77	0.5 U	0.39 J	0.97	0.5 U	0.5 U	0.5 U	50	0.05	11	2.5	0.5 U	0.5 U	0.5 U	4.2
05/05/2009	0.5 U	0.5 U	0.4 J	0.51	0.62	0.5 U	0.52	1.2	0.5 U	0.5 U	0.5 U	51	0.048 J	12	2.7	0.5 U	0.5 U	0.5 U	5.5
06/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.95	0.5 U	0.5 U	0.5 U	NA	5 U	NA	3	0.5 U	0.5 U	0.5 U	1.7
06/23/2009	0.5 U	0.5 U	0.36 J	0.33 J	0.82	0.5 U	0.35 J	0.87	0.5 U	0.5 U	0.5 U	49	0.059	9.4	2.5	0.5 U	0.5 U	0.5 U	3.2
07/08/2009	0.5 U	0.5 U	0.4 J	0.36 J	0.67	0.5 U	0.37 J	0.85	0.5 U	0.5 U	0.5 U	48	0.053 J	8.9	2.7	0.5 U	0.5 U	0.5 U	3.9
08/05/2009	0.5 U	0.5 U	0.33 J	0.53	0.72 J	0.5 U	0.49 J	1.3	0.5 U	0.5 U	0.5 U	50	0.037 J	9.2	2.7	0.5 U	0.5 U	0.5 U	4.6
09/02/2009	0.5 U	0.5 U	0.38 J	0.35 J	0.61	0.5 U	0.38 J	1	0.5 U	0.5 U	0.5 U	50	0.042	8.7	2.7	0.5 U	0.5 U	0.5 U	3.9
10/06/2009	0.5 U	0.5 U	0.3 J	0.4 J	0.68	0.5 U	0.36 J	0.94	0.5 U	0.5 UJ	0.5 U	47	0.038	11	2 J	0.5 UJ	0.5 U	0.5 U	3.8
11/04/2009	0.5 U	0.5 U	0.44 J	0.49 J	0.67	0.5 U	0.42 J	1.1	0.5 U	0.5 U	0.5 U	49	0.035 J	9.5	3	0.5 U	0.5 U	0.5 U	4.9
12/02/2009	0.5 U	0.5 U	0.3 J	0.36 J	0.53	0.5 U	0.31 J	0.89	0.5 U	0.5 U	0.5 U	50	0.034 J	11	2.1	0.5 U	0.5 U	0.5 U	3.7
Well B5D																			
01/07/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	4	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/01/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	4.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	3.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	3.3	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/08/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.46 J	0.5 U	0.5 U	0.5 U	0.5 U	3.7	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	3.6	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.47 J	0.5 U	0.5 U	0.5 U	0.5 U	2.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.46 J	0.5 U	0.5 U	0.5 UJ	0.5 U	3.1	0.002 U	2 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U
11/04/2009	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.48 J	0.5 U	0.5 U	0.5 U	0.5 U	3.2	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Well B5E																			
01/07/2009	0.5 U	0.5 U	0.5 U	0.33 J	0.5 U	0.5 U	2	0.33 J	0.2 J	0.5 U	0.5 U	13	0.063 J	6.5	0.81	0.5 U	0.5 U	0.5 U	4.4
02/04/2009	0.5 U	0.5 U	0.5 U	0.35 J	0.5 U	0.5 U	2.1	0.34 J	0.22 J	0.5 U	0.5 U	14	0.054	8.6	0.89	0.5 U	0.5 U	0.5 U	4.8
03/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	0.33 J	0.5 U	0.5 U	0.5 U	14	0.071	8.1	0.69	0.5 U	0.5 U	0.5 U	4.8
04/01/2009	0.5 U	0.5 U	0.5 U	0.28 J	0.5 U	0.5 U	1.9	0.3 J	0.19 J	0.5 U	0.5 U	15	0.068	7.4	0.75	0.5 U	0.5 U	0.5 U	4.7
05/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5	0.37 J	0.21 J	0.5 U	0.5 U	15	0.053 J	8.1	0.77	0.5 U	0.5 U	0.5 U	6.2
06/02/2009	0.5 U	0.5 U	0.5 U	0.36 J	0.5 U	0.5 U	1.9	0.32 J	0.22 J	0.5 U	0.5 U	15	0.062	7.5	0.76	0.5 U	0.5 U	0.5 U	4.8
06/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	1.8	0.5 U	0.5 U	0.5 U	0.5 U	NA	5 U	NA	0.8	0.5 U	0.5 U	0.5 U	4.6
07/08/2009	0.5 U	0.5 U	0.5 U	0.32 J	0.5 U	0.5 U	1.9	0.28 J	0.22 J	0.5 U	0.5 U	14	0.055 J	6.7	0.82	0.5 U	0.5 U	0.5 U	4.8
08/05/2009	0.5 U	0.5 U	0.5 U	0.41 J	0.5 UJ	0.5 U	2.2	0.36 J	0.2 J	0.5 U	0.5 U	15	0.045 J	6.6	0.86	0.5 U	0.5 U	0.5 U	5.4
09/02/2009	0.5 U	0.5 U	0.5 U	0.31 J	0.5 U	0.5 U	2	0.33 J	0.26 J	0.5 U	0.5 U	16	0.053	5.4	0.91	0.5 U	0.5 U	0.5 U	5.2
10/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	0.32 J	0.24 J	0.5 UJ	0.5 U	15	0.052	8.5	0.89 J	0.5 UJ	0.5 U	0.5 U	5.1
11/04/2009	0.5 U	0.5 U	0.5 UJ	0.4 J	0.5 U	0.5 U	2.4	0.45 J	0.34 J	0.5 U	0.5 U	12	0.044 J	7.2	1.1	0.5 U	0.5 U	0.5 U	6.6
12/02/2009	0.5 U	0.5 U	0.5 U	0.35 J	0.5 U	0.5 U	1.9	0.34 J	0.24 J	0.5 U	0.5 U	15	0.047 J	8.5	0.84	0.5 U	0.5 U	0.5 U	5.3
COI 5																			
07/14/2009	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	5 U	NA	0.71	0.5 U	0.5 U	0.5 U	2.4
07/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	26	0.002 U	5.9	0.8	0.5 U	0.5 U	0.5 U	2.4
08/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25	0.002 U	5.4	0.73	0.5 U	0.5 U	0.5 U	1.9
09/10/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25	0.002 UJ	6.7	0.86	0.5 U	0.5 U	0.5 U	2
10/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	26	0.002 U	8.1	0.83	0.5 U	0.5 U	0.5 U	1.8
10/19/2009	0.5 U	0.5 U	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA	NA	0.85	0.5 U	0.5 U	0.5 U	1.9
11/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	26	0.002 U	6.1	1	0.5 U	0.5 U	0.5 U	1.6
12/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	28	0.002 U	5.8	1.1	0.5 U	0.5 U	0.5 U	1.8
Fully Treated Water																			
01/07/2009	0.5 U	0.5 U	0.5 U	0.32 J	0.5 U	0.5 U	0.25 J	0.57	0.5 U	0.5 U	0.5 U	8.3	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/13/2009	0.5 U	0.5 U	0.5 U	0.28 J	0.5 U	0.5 U	0.28 J	0.45 J	0.5 U	0.5 U	0.5 U	8.1	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/23/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 J	0.5 U	0.5 U	0.5 U	7.8	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
01/28/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.2	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/04/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	27	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
02/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 6-16
SAN GABRIEL VALLEY WATER COMPANY B5 TREATMENT PLANT
2009 CHEMICAL CONCENTRATIONS
Baldwin Park Operable Unit
San Gabriel Valley, California

Sample Date	1,1,1-Trichloroethane (mg/L)	1,1-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,4-Dioxane (mg/L)	Benzene (mg/L)	Carbon tetrachloride (mg/L)	Chloroform (mg/L)	cis-1,2-Dichloro ethene (mg/L)	Ethylbenzene (mg/L)	Methylene chloride (mg/L)	Nitrate (NO3) (mg/L)	n-Nitrosodi methylamine (mg/L)	Perchlorate (mg/L)	Tetrachloroethene (mg/L)	Toluene (mg/L)	Total Xylenes (mg/L)	trans-1,2-Dichloro ethene (mg/L)	Trichloroethene (mg/L)
Regulatory Limits																			
MCL/NL*	200	5	6	0.5	3*	1.0	0.5	100	6	700	5	45	10*	6	5	150	1750	10	5
Design Concentrations - Combined Treatment Plant Influent																			
Maximum	5	5	5	10	5	5	5	5	5	5	5	--	700	150	50	5	5	5	50
Expected	0.54	0.34	0.52	0.61	0.61	0.28	1.57	0.84	0.56	0.40	1.11	--	100.80	11.41	1.71	0.61	0.35	0.30	4.95
03/03/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	31	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/11/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	34	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
03/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/01/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	31	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/07/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.27 J	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/15/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 J	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/22/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.44 J	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
04/27/2009	0.5 U	0.5 U	0.5 U	0.25 J	0.5 U	0.5 U	0.5 U	0.43 J	0.5 U	0.5 U	0.5 U	31	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/12/2009	0.5 U	0.5 U	0.5 U	0.35 J	0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U	0.5 U	31 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/19/2009	0.5 U	0.5 U	0.5 U	0.37 J	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	33	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
05/27/2009	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.21 J	0.64	0.5 U	0.5 U	0.5 U	12	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/02/2009	0.5 U	0.5 U	0.5 U	0.26 J	0.5 U	0.5 U	0.5 U	0.44 J	0.5 U	0.5 U	0.5 U	10	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/09/2009	0.5 U	0.5 U	0.5 U	0.17 J	0.5 UJ	0.5 U	0.5 U	0.36 J	0.5 U	0.5 U	0.5 U	9.2	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
06/23/2009	0.15 U	0.15 U	0.21 U	0.14 U	0.5 U	0.15 U	0.18 U	0.17 U	0.18 U	0.17 U	0.15 U	29	0.002 U	0.82 U	0.26 U	0.15 U	0.37 U	0.18 U	0.18 U
06/30/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/08/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	28	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/14/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	27	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/21/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/28/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	33 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/05/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	33	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/12/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	31	0.002 UJ	2 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/18/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	29	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
08/25/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.28 J	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/02/2009	0.5 U	0.5 U	0.5 U	0.15 J	0.5 U	0.5 U	0.5 U	0.27 J	0.5 U	0.5 U	0.5 U	29	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/09/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	31	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/15/2009	0.5 U	0.5 U	0.5 U	0.19 J	0.5 U	0.5 U	0.5 U	0.33 J	0.5 U	0.5 U	0.5 U	31	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/22/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.43 J	0.5 U	0.5 U	0.5 U	32	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
09/29/2009	0.5 U	0.5 U	0.5 U	0.23 J	0.5 U	0.5 U	0.5 U	0.39 J	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/06/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.49 J	0.5 U	0.5 UJ	0.5 U	31	0.002 U	2 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U
10/15/2009	0.5 U	0.5 U	0.5 U	0.22 J	0.5 U	0.5 U	0.5 U	0.45 J	0.5 U	0.5 U	0.5 U	25 J	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/21/2009	0.5 U	0.5 U	0.5 U	0.28 J	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	31	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/28/2009	0.5 U	0.5 U	0.5 U	0.31 J	0.5 U	0.5 U	0.2 J	0.6	0.5 U	0.5 U	0.5 U	31	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/04/2009	0.5 U	0.5 U	0.5 UJ	0.27 J	0.5 U	0.5 U	0.21 J	0.49 J	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/10/2009	0.5 U	0.5 U	0.5 U	0.18 J	0.5 U	0.5 U	0.5 U	0.35 J	0.5 U	0.5 U	0.5 U	27	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/17/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.23 J	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
11/24/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/02/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	32	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/08/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	33	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/16/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	31	0.002 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/22/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	27	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
12/29/2009	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.27 J	0.5 U	0.5 U	0.5 U	30	0.002 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

MCL - Maximum contaminant level.
Chloroform MCL based on MCL for trihalomethanes
NL - Notification Level.
NA - Not analyzed or data not available.
U - Not detected (Detection limit reported).
J - Reported value is the approximate concentration of the analyte in the sample.

TABLE 6-17
SAN GABRIEL VALLEY WATER COMPANY B5 TREATMENT PLANT
2009 CHEMICAL MASS REMOVED

Baldwin Park Operable Unit

San Gabriel Valley, California

	2009 Average Concentrations (mg/L)[1]				Chemical Mass Removed[2] (kg)				Total Mass Removed	
Compound	**Well B5B**	**Well B5D**	**Well B5E**	**COI #5**	**Well B5B**	**Well B5D**	**Well B5E**	**COI #5**	(kg)	(lb)
1,2-Dichloroethane	0.4	0.0	0.2	0.0	1.7	0.0	1.4	0.0	3.1	6.8
1,4-Dioxane	0.7	0.0	0.0	0.0	3.5	0.0	0.0	0.0	3.5	7.7
Carbon tetrachloride	0.4	0.5	2.0	0.0	1.7	0.4	12.0	0.0	14.1	31.1
Chloroform	1.0	0.0	0.3	0.0	4.8	0.0	1.8	0.0	6.6	14.6
N-Nitrosodimethylamine	0.039	0.000	0.051	0.000	0.2	0.0	0.3	0.0	0.5	1.1
Perchlorate	9.9	0.0	7.4	6.3	46.6	0.0	43.6	7.0	97.3	214.5
Tetrachloroethene	2.7	0.0	0.8	0.9	12.6	0.0	4.9	1.0	18.5	40.7
Trichloroethene	3.8	0.0	5.1	2.0	17.8	0.0	30.2	2.2	50.2	110.6
Total					**88.9**	**0.4**	**94.3**	**10.2**	**193.7**	**427.1**

Notes:

[1] - Average concentrations calculated using 0 ug/L for non-detects.

[2] - Chemical mass removed calculated by multiplying the average concentration from each extraction well by the total volume of water pumped from each well.

TABLE 6-18
TOTAL CHEMICAL MASS REMOVED BY YEAR, 2004-2009
Baldwin Park Operable Unit
San Gabriel Valley, California

Year	VCWD	LPVCWD	SGVWC B6	SGVWC B5	Total
2004	- -	680	- -	- -	680
2005	350	1,135	686	- -	2,171
2006	2,117	587	1,593	- -	4,297
2007	4,725	1,010	2,302	119	8,156
2008	3,639	896	2,392	421	7,348
2009	7,424	612	1,553	427	10,016
Total	**18,255**	**4,920**	**8,526**	**967**	**32,668**

Notes:
Mass removed in pounds.