
APPENDIX D

**Muscoy OU Operations and
Treatment Report (SBMWD) –
January 2006**

San Bernardino Municipal Water Department
Operations Monthly Treatment Report
Newmark OU / Towers / 19th St GAC

RECEIVED
 W.U. ADMINISTRATION

FEB 14 2006

Reporting Period: Jan 2006

EPA 17th Street Plant					
Production GAC Wells				CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT	
EPA 003	204.754 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	0.000	0.000	1B	67.938	196.347
2A	0.000	0.000	2B	67.389	193.872
3A	0.000	0.000	3B	69.768	212.381
Totals	0.000 AF	0.000 AF		205.095 AF	602.600 AF
Vessels					
TCE-In	0.5				
TCE-Out	0.0				
PCE-In	0.5				
PCE-Out	0.0				
Total	1.0 ug/L	lbs Removed	0.56		

EPA South Plant and Waterman Towers					
Production GAC Wells		Tower Wells	Wells	Towers	
EPA 002	218.802	Waterman	8.003	TCE+PCE-In	5.2 TCE+PCE-Out 0.0
EPA 004	218.570	30th St.	2.078	TCE+PCE-In	5.2 TCE+PCE-Out 0.0
EPA 005	225.468	South Total	10.081 AF		
Total	662.840 AF	Leroy	5.285	TCE+PCE-In	5.2 TCE+PCE-Out 0.0
		31st St.	4.408	TCE+PCE-In	5.2 TCE+PCE-Out 0.0
		North Total	9.693 AF		
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	101.171	636.891	1B	0.000	0.000
2A	95.023	588.157	2B	0.000	0.000
3A	101.949	628.055	3B	0.000	0.000
4A	93.802	616.843	4B	0.000	0.000
5A	94.401	598.807	5B	0.000	0.000
6A	28.230	322.277	6B	0.000	0.000
7A	68.205	554.423	7B	0.000	0.000
8A	78.997	646.690	8B	0.000	0.000
Totals	661.778 AF	4592.143 AF		0.000 AF	0.000 AF
Vessels			Towers		
TCE-In	0.7		#s Removed Waterman	0.11	
TCE-Out	0.0		#s Removed 30th St	0.03	
PCE-In	2.3		#s Removed Leroy	0.07	
PCE-Out	0.0		#s Removed 31st St	0.06	
Total	3.0 ug/L	lbs Removed	5.39	Total pounds Removed Tower	0.28

**San Bernardino Municipal Water Department
Operations Monthly Treatment Report
Newmark OU / Towers / 19th St South GAC / 19th St North GAC**

Reporting Period: Jan 2006

EPA North Plant and Newmark Towers					
Production GAC Wells		Tower Wells			
EPA 006	58.972	Newmark 1	0.436	TCE+PCE-In 0.5	TCE+PCE-Out 0.0
EPA 007	190.960	Newmark 4	0.790	TCE+PCE-In 0.5	TCE+PCE-Out 0.0
NM3	126.986	West Tower	1.226 AF		
		Newmark 2	0.000	TCE+PCE-In 0.0	TCE+PCE-Out 0.0
Total	376.918 AF	North Total	0.000 AF		
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	45.436	179.878	1B	0.000	0.000
2A	56.359	244.493	2B	0.000	0.000
3A	51.258	222.851	3B	0.000	0.000
4A	57.635	242.042	4B	0.000	0.000
5A	56.552	239.628	5B	0.000	0.000
6A	57.954	245.077	6B	0.000	0.000
7A	51.550	228.956	7B	0.000	0.000
Totals	376.744 AF	1602.925 AF		0.000 AF	0.000 AF
Vessels			Towers		
TCE-In	0.5		#s Removed Newmark 1		0.00
TCE-Out	0.0		#s Removed Newmark 4		0.00
PCE-In	3.2		#s Removed Newmark 2		0.00
PCE-Out	0.0				
Total	3.7 ug/L	lbs Removed 3.79	Total pounds Removed Tower		0.00

19th Street South Plant					
Production GAC Wells					
19th St 1	138.147				
19th St 2	0.273 AF				
Mt Vernon	7.429				
	145.849 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	33.356	689.607	1B	0.000	0.000
2A	41.191	744.769	2B	0.000	0.000
3A	37.585	777.640	3B	0.000	0.000
4A	40.737	739.133	4B	0.000	0.000
Totals	152.869 AF	2951.149 AF		0.000 AF	0.000 AF
Vessels					
TCE-In	0.5				
TCE-Out	0.0				
PCE-In	4.3				
PCE-Out	0.0				
Total	4.8 ug/L	lbs Removed 1.99			

San Bernardino Municipal Water Department Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Jan 2006

EPA 19th Street North Plant					
Production GAC Wells					
EPA 001	214.112 AF				
EPA 108	184.692 AF				
EPA 109	192.394 AF				
EPA 110	292.376 AF				
EPA 111	286.621 AF				
EPA 112	189.984 AF				
Totals	1360.179 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	113.475	892.487	1B	0.000	0.000
2A	112.966	882.150	2B	0.000	0.000
3A	112.222	1024.201	3B	0.000	0.000
4A	112.328	957.903	4B	0.000	0.000
5A	121.125	1042.579	5B	0.000	0.000
6A	113.140	1281.494	6B	0.000	0.000
7A	0.000	0.000	7B	0.000	0.000
8A	99.247	865.763	8B	0.000	0.000
9A	114.467	950.245	9B	0.000	0.000
10A	115.813	902.979	10B	0.000	0.000
11A	106.981	986.958	11B	0.000	0.000
12A	120.875	1088.831	12B	0.000	0.000
13A	110.975	1005.498	13B	0.000	0.000
14A	0.000	0.000	14B	0.000	0.000
Totals	1353.614 AF	11881.088 AF		0.000 AF	0.000 AF
Vessels					
TCE-In	1.0				
TCE-Out	0.0				
PCE-In	4.6				
PCE-Out	0.0				
Total	5.6 ug/L	lbs Removed	20.60		

Summary		Year to Date	
Monthly			
Total AF Treated GAC	2750.100	Total AF Treated GAC	2750.100
Total AF Treated Towers	21.000	Total AF Treated Towers	21.000
Combined AF Treated	2771.100	Combined AF Treated	2771.100
Total lbs Removed GAC	32.3	Total lbs Removed GAC	32.333
Total lbs Removed Towers	0.3	Total lbs Removed Towers	0.279
Combined Pounds Removed	32.6	Combined Pounds Removed	32.6