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

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FEB 12 2007
CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

Reporting Period: Jan 2007

EPA 17th Street Plant

Production GAC Wells

16th St	172.794	AF
17th St 2	0.147	
Total	**172.941**	**AF**

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	37.676	310.796	1B	0.000	0.000
2A	38.087	297.041	2B	0.000	0.000
3A	105.356	579.660	3B	0.000	0.000
Totals	**181.119 AF**	**1187.497 AF**		**0.000 AF**	**0.000 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**	**0.49**

EPA South Plant and Waterman Towers

Production GAC Wells

EPA 002	206.981
EPA 003	0.000
EPA 004	212.615
EPA 005	136.676
Total	**556.272 AF**

Tower Wells		Wells		Towers	
Waterman	96.811	TCE+PCE-In	4.5	TCE+PCE-Out	0.0
30th St.	102.323	TCE+PCE-In	4.5	TCE+PCE-Out	0.0
South Total	**199.134 AF**				
Leroy	3.129	TCE+PCE-In	4.5	TCE+PCE-Out	0.0
31st St.	2.833	TCE+PCE-In	4.5	TCE+PCE-Out	0.0
North Total	**5.962 AF**				

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	0.000	0.000	1B	57.518	477.605
2A	0.000	0.000	2B	89.685	663.499
3A	0.000	0.000	3B	58.918	480.323
4A	0.000	0.000	4B	56.696	466.211
5A	0.000	0.000	5B	86.081	627.869
6A	0.000	0.000	6B	91.170	658.669
7A	0.000	0.000	7B	53.627	481.316
8A	0.000	0.000	8B	66.687	575.138
Totals	**0.000 AF**	**0.000 AF**		**560.382 AF**	**4430.630 AF**

Vessels

TCE-In	2.2		
TCE-Out	0.0		
PCE-In	0.6		
PCE-Out	0.0		
Total	**2.8 ug/L**	**lbs Removed**	**4.26**

Towers

#'s Removed Waterman	1.18
#'s Removed 30th St	1.25
#'s Removed Leroy	0.04
#'s Removed 31st St	0.03
Total pounds Removed Tower	**2.51**

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EPA North Plant and Newmark Towers

Production GAC Wells		West Tower Wells					
		Newmark 1	0.661	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
EPA 006	109.001	Newmark 4	1.329	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
EPA 007	193.501	East Tower	1.990 AF				
NM3	137.188	Newmark 2	1.354	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
Total	439.690 AF	Total	1.354 AF				

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	0.000	0.000	1B	66.123	153.852
2A	0.000	0.000	2B	63.640	167.356
3A	0.000	0.000	3B	69.324	160.612
4A	0.000	0.000	4B	51.130	147.752
5A	0.000	0.000	5B	61.103	148.314
6A	0.000	0.000	6B	66.721	154.241
7A	0.000	0.000	7B	59.733	155.392
Totals	0.000 AF	0.000 AF		437.774 AF	1087.519 AF

Vessels				Towers	
TCE-In	2.6			#'s Removed Newmark 1	0.00
TCE-Out	0.0			#'s Removed Newmark 4	0.00
PCE-In	0.5			#'s Removed Newmark 2	0.00
PCE-Out	0.0				
Total	3.1 ug/L	lbs Removed	3.69	Total pounds Removed Tower	0.00

19th Street South Plant

Production GAC Wells	
19th St 1	138.551
19th St 2	0.124 AF
Total	138.675 AF

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	0.000	0.000	1B	34.593	517.880
2A	0.000	0.000	2B	36.186	408.659
3A	0.000	0.000	3B	38.067	335.812
4A	0.000	0.000	4B	35.176	349.441
Totals	0.000 AF	0.000 AF		144.022 AF	1611.792 AF

Vessels			
TCE-In	4.2		
TCE-Out	0.0		
PCE-In	0.5		
PCE-Out	0.0		
Total	4.7 ug/L	lbs Removed	1.84

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EPA 19th Street North Plant

Production GAC Wells

EPA 001	188.510	AF
EPA 108	14.284	AF
EPA 109	197.202	AF
EPA 110	235.168	AF
EPA 111	312.167	AF
EPA 112	213.478	AF
Totals	**1160.809**	**AF**

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	0.000	0.000	1B	97.594	220.155
2A	0.000	0.000	2B	98.204	210.118
3A	0.000	0.000	3B	93.721	184.405
4A	0.000	0.000	4B	101.928	229.561
5A	0.000	0.000	5B	95.661	174.189
6A	0.000	0.000	6B	94.575	205.668
7A	0.000	0.000	7B	0.000	0.000
8A	0.000	0.000	8B	95.367	165.514
9A	0.000	0.000	9B	94.205	161.574
10A	0.000	0.000	10B	102.830	191.698
11A	0.000	0.000	11B	90.537	154.247
12A	0.000	0.000	12B	94.113	157.954
13A	0.000	0.000	13B	96.345	184.804
14A	0.000	0.000	14B	0.000	0.000
Totals	**0.000 AF**	**0.000 AF**		**1155.080 AF**	**2239.887 AF**

Vessels			
TCE-In	1.0		
TCE-Out	0.0		
PCE-In	0.5		
PCE-Out	0.0		
Total	**1.5 ug/L**	**lbs Removed**	**4.71**

Summary

Monthly		Year to Date	
Total AF Treated GAC	2478.377	**Total AF Treated GAC**	2478.377
Total AF Treated Towers	208.440	**Total AF Treated Towers**	208.440
Combined AF Treated	**2686.817**	**Combined AF Treated**	**2686.817**
Total lbs Removed GAC	15.0	**Total lbs Removed GAC**	14.991
Total lbs Removed Towers	2.5	**Total lbs Removed Towers**	2.508
Combined Pounds Removed	**17.5**	**Combined Pounds Removed**	**17.5**