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CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

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

Reporting Period: Sept 2005

EPA 17th Street Plant

Production GAC Wells

EPA 003	197.185 AF

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	71.235	681.897	1B	0.000	870.637
2A	65.790	652.724	2B	0.000	893.632
3A	68.524	675.407	3B	0.000	918.530
Totals	**205.549 AF**	**2010.028 AF**		**0.000 AF**	**2682.799 AF**

Vessels	
TCE-In	0.9
TCE-Out	0.0
PCE-In	3.9
PCE-Out	0.0
Total	**4.8 ug/L**
lbs Removed	**2.68**

EPA South Plant and Waterman Towers

Production GAC Wells

EPA 002	177.739
EPA 004	216.667
EPA 005	206.465
Total	**600.871 AF**

Tower Wells		Wells		Towers	
Waterman	148.301	TCE+PCE-In	6.0	TCE+PCE-Out	0.0
30th St.	144.284	TCE+PCE-In	6.0	TCE+PCE-Out	0.0
South Tower Total	**292.585 AF**				
Leroy	31.341	TCE+PCE-In	6.0	TCE+PCE-Out	0.0
31st St.	21.568	TCE+PCE-In	6.0	TCE+PCE-Out	0.0
North Tower Total	**52.909 AF**				

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	81.492	278.444	1B	0.000	1015.341
2A	77.087	252.902	2B	0.000	1012.581
3A	80.177	269.617	3B	0.000	994.248
4A	82.527	278.770	4B	0.000	1030.361
5A	81.393	262.352	5B	0.000	989.723
6A	28.131	146.566	6B	0.000	1033.084
7A	79.038	254.758	7B	0.000	1046.111
8A	91.650	299.416	8B	0.000	1198.688
Totals	**601.495 AF**	**2042.825 AF**		**0.000 AF**	**8320.137 AF**

Vessels		Towers	
TCE-In	0.5	#'s Removed Waterman	2.42
TCE-Out	0.0	#'s Removed 30th St	2.35
PCE-In	0.7	#'s Removed Leroy	0.51
PCE-Out	0.0	#'s Removed 31st St	0.35
Total	**1.2 ug/L**	**Total pounds Removed Tower**	**5.63**
lbs Removed	**1.96**		