

APENDIX A

DHS MONTHLY TREATMENT REPORT

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

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Safety Program Manager

September 28, 2005

Ms. Yen Tran
Sanitary Engineer
State Department of Health Services
Drinking Water Field Operator Branch
464 W. 4th Street, Suite 437
San Bernardino, CA 92401

AUGUST 2005 MONTHLY SUMMARY TREATMENT REPORTS FOR SYSTEM
NO. 3610039, WATER SUPPLY PERMIT NO. 03-13-99P-002

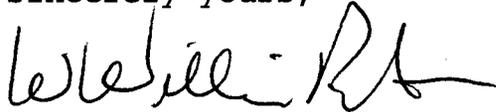
Ms. Tran:

Enclosed are the monthly summary reports for each Granular Activated Carbon and Packed Tower Aeration facility. The required information is provided in two separate report formats: Information on well production, plant influent and effluent water flow and amount of contaminant removed are covered in the August 2005 Operations Monthly Treatment Reports. Information on bacterial results and constituents of concern for each of the wells and treatment plants for the month of August 2005 is presented in the attached Water Quality Reports, Newmark OU/Towers/19th St. GAC.

It is my understanding the energy consumed for each is no longer of interest to DHS and is not required in the monthly reports. Please contact me at (909) 384-5107 if additional information or modifications to the formats of the reports are desired.

Ms. Yen Tran
Page 2
September 28, 2005

Sincerely yours,

A handwritten signature in black ink, appearing to read "W. William Bryden". The signature is fluid and cursive, with a long horizontal stroke at the end.

W. William Bryden, P.E.
Director, Water Utility

WWB:tal:jgt
Attach.

cc: Kim Hoang, Ph.D. (w/attach)
Bernard C. Kersey (w/attach)
Stacey R. Aldstadt (w/attach)
Mike Lowe (w/attach)
Matthew Litchfield (w/attach)
Valerie Housel (w/attach)
Pat Abeyta (w/attach)
Lana Kennerly (w/attach)

San Bernardino Municipal Water Department



Operations Monthly Treatment Report

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

SEP 14 2005

Reporting Period: Aug 2005

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

EPA 17th Street Plant					
Production GAC Wells					
EPA 003	206.125	AF			
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	73.604	610.662	1B	0.000	870.637
2A	68.138	586.934	2B	0.000	893.632
3A	74.516	606.883	3B	0.000	918.530
Totals	216.258 AF	1804.479 AF		0.000 AF	2682.799 AF
Vessels					
TCE-In	0.9				
TCE-Out	0.0				
PCE-In	3.6				
PCE-Out	0.0				
Total	4.5 ug/L	lbs Removed	2.64		

EPA South Plant and Waterman Towers							
Production GAC Wells		Tower Wells		Wells		Towers	
EPA 002	169.862	Waterman	279.552	TCE+PCE-In	5.0	TCE+PCE-Out	0.0
EPA 004	206.325	30th St.	327.635	TCE+PCE-In	5.0	TCE+PCE-Out	0.0
EPA 005	215.680	South Total	607.187 AF	Leroy	122.461	TCE+PCE-In	5.0
Total	591.867 AF	31st St.	54.793	TCE+PCE-In	5.0	TCE+PCE-Out	0.0
		North Total	177.254 AF				
GAC Treatment							
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out		
1A	78.955	196.952	1B	0.000	1015.341		
2A	76.852	175.815	2B	0.000	1012.581		
3A	78.958	189.440	3B	0.000	994.248		
4A	82.082	196.243	4B	0.000	1030.361		
5A	79.245	180.959	5B	0.000	989.723		
6A	27.265	118.435	6B	0.000	1033.084		
7A	81.253	175.720	7B	0.000	1046.111		
8A	92.064	207.766	8B	0.000	1198.688		
Totals	596.674 AF	1441.330 AF		0.000 AF	8320.137 AF		
Vessels				Towers			
TCE-In	0.5		#'s Removed Waterman		3.80		
TCE-Out	0.0		#'s Removed 30th St		4.45		
PCE-In	1.9		#'s Removed Leroy		1.66		
PCE-Out	0.0		#'s Removed 31st St		0.74		
Total	2.4 ug/L	lbs Removed	3.89	Total pounds Removed Tower		10.66	

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

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

Reporting Period: Aug 2005

EPA North Plant and Newmark Towers							
Production GAC Wells EPA 006 49.871 EPA 007 180.934 NM3 118.200 Total 349.005 AF		Tower Wells					
		Newmark 1	66.171	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
		Newmark 4	235.409	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
		West Tower		301.580 AF			
		Newmark 2	29.513	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
		North Total				29.513 AF	
GAC Treatment							
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out		
1A	0.000	0.000	1B	35.863	488.816		
2A	0.000	0.000	2B	62.681	481.271		
3A	0.000	0.000	3B	25.177	373.440		
4A	0.000	0.000	4B	53.386	463.854		
5A	0.000	0.000	5B	57.833	444.835		
6A	0.000	0.000	6B	47.390	503.616		
7A	0.000	0.000	7B	67.009	490.140		
Totals		0.000 AF	0.000 AF		349.339 AF	3245.972 AF	
Vessels			Towers				
TCE-In	0.5						
TCE-Out	0.0						
PCE-In	4.0						
PCE-Out	0.0						
Total		4.5 ug/L	lbs Removed	4.27	Total pounds Removed Tower	0.45	

19th Street South Plant						
Production GAC Wells						
19th St 1	95.204					
19th St 2	0.032 AF					
Mt Vernon	0.709					
Total		95.945 AF				
GAC Treatment						
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out	
1A	69.529	501.892	1B	0.000	0.000	
2A	72.633	517.874	2B	0.000	0.000	
3A	77.415	557.537	3B	0.000	0.000	
4A	79.775	532.633	4B	0.000	0.000	
Totals		299.352 AF	2109.936 AF		0.000 AF	0.000 AF
Vessels						
TCE-In	0.5					
TCE-Out	0.0					
PCE-In	3.6					
PCE-Out	0.0					
Total		4.1 ug/L	lbs Removed	3.34		

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

Reporting Period: Aug 2005

EPA 19th Street North Plant					
Production GAC Wells					
EPA 001	205.163	AF			
EPA 108	172.351	AF			
EPA 109	179.582	AF			
EPA 110	299.435	AF			
EPA 111	322.068	AF			
EPA 112	176.136	AF			
Totals	1354.735	AF			
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	87.307	381.148	1B	0.000	0.000
2A	96.960	339.607	2B	0.000	0.000
3A	98.912	480.384	3B	0.000	0.000
4A	94.488	418.512	4B	0.000	0.000
5A	95.623	428.627	5B	0.000	0.000
6A	104.853	662.689	6B	0.000	0.000
7A	0.000	0.000	7B	0.000	0.000
8A	88.140	390.501	8B	0.000	0.000
9A	99.520	393.786	9B	0.000	0.000
10A	99.123	347.521	10B	0.000	0.000
11A	94.385	468.956	11B	0.000	0.000
12A	104.626	506.220	12B	0.000	0.000
13A	95.365	471.066	13B	0.000	0.000
14A	0.000	0.000	14B	0.000	0.000
Totals	1159.302 AF	5289.017 AF		0.000 AF	0.000 AF
Vessels					
TCE-In	1.1				
TCE-Out	0.0				
PCE-In	5.4				
PCE-Out	0.0				
Total	6.5 ug/L	lbs Removed	20.48		

Summary			
Monthly		Year to Date	
Total AF Treated GAC	2620.925	Total AF Treated GAC	16208.223
Total AF Treated Towers	1115.534	Total AF Treated Towers	5103.655
Combined AF Treated	3736.459	Combined AF Treated	21311.878
Total lbs Removed GAC	34.6	Total lbs Removed GAC	206.4
Total lbs Removed Towers	11.1	Total lbs Removed Towers	62.4
Combined Pounds Removed	45.7	Combined Pounds Removed	268.9

RECEIVED
W.U. ADMINISTRATION

SEP 14 2005

**EPA
PRODUCTION WELL RUN TIME
Aug-05**

**CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT**

August Total 744 Hours

<u>Well</u>	<u>Total Run Hours</u>
	741
EPA 002	743
EPA 003	733
EPA 004	744
EPA 005	744
EPA 006	377
EPA 007	744
EPA 108	740
EPA 109	740
EPA 110	736
EPA 111	705
EPA 112	734
NEWMARK 3	744



MICHAEL LOWE
Water Utility
Operations Superintendent

cc: Bill Bryden
James Dye
dbane@URSGREINER.com