San Bernardino Municipal Water Department Water Quality Monthly Report
Newmark OU/Towers/19th St GAC/Muscoy OU
Month of July 2006

						Week 1 - 7/06/06		Week 2 - 7/12/06		Week 3 - 7/20/06		Week 4 - 7/27/06		Week 5		
Waterman GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	NO_3 (mg/L)
EPA 002	07/12/2006	A			<1.0			5.3	1.6							22.0
EPA 004	07/12/2006	A			1.0			0.99	<0.5							
EPA 005	07/12/2006	A			<1.0			<0.5	<0.5							
Combined Influent	07/12/2006							2.1	0.6							
LEAD VESSEL 1B	07/12/2006		<1.1	<1.1	1.0	NM	NM	0.7	0.9	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 2B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	<0.5	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 3B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.2	0.9	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 4B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.1	0.9	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 5B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	<0.5	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 6B	07/12/2006		<1.1	<1.1	1.5	NM	NM	<0.5	0.5	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 7B	07/12/2006		<1.1	<1.1	4.5	NM	NM	0.8	1.0	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 8B	07/12/2006		<1.1	<1.1	1.0	NM	NM	1.4	0.9	NM	NM	NM	NM	NM	NM	
Combined Effluent	07/12/2006		<1.1	<1.1	25.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

						Week 1 - 7/06/06		Week 2 - 7/12/06		Week 3 - 7/20/06		Week 4 - 7/27/06		Week 5		
Newmark GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	NO_3 (mg/L)
EPA 006	07/12/2006	A			<1.0			2.9	0.5							27.0
EPA 007	07/12/2006	A			<1.0			3.2	<0.5							
Newmark Well 03	07/12/2006	A			<1.0			2.8	<0.5							
Combined Influent	07/12/2006							3.0	<0.5							
LEAD VESSEL 1A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.7	0.9	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 2A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	4.0	0.8	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 3A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.5	0.8	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 4A	07/12/2006		<1.1	<1.1	1.0	NM	NM	2.1	0.5	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 5A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.7	0.5	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 6A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.2	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 7A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.6	0.5	NM	NM	NM	NM	NM	NM	
Combined Effluent	07/12/2006		<1.1	<1.1	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

						Week 1 - 7/06/06		Week 2 - 7/12/06		Week 3 - 7/20/06		Week 4 - 7/27/06		Week 5		
17th Street GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	NO_3 (mg/L)
EPA 003	07/12/2006	A			<1.0			3.1	0.8							24.0
Combined Influent	07/12/2006							3.2	0.7							
LEAD VESSEL 1B	07/12/2006		<1.1	<1.1	<1.0	3.7	1.0	3.3	0.98	3.3	1.0	NM	NM	NM	NM	
LEAD VESSEL 2B	07/12/2006		<1.1	<1.1	<1.0	3.6	1.1	3.4	1.1	3.3	1.2	NM	NM	NM	NM	
LEAD VESSEL 3B	07/12/2006		<1.1	<1.1	<1.0	4.0	1.2	3.3	1.0	3.3	1.1	NM	NM	NM	NM	
Combined Effluent	07/12/2006		<1.1	<1.1	1.5	0.9	0.8	0.9	0.7	1.0	0.8	0.7	0.5	NM	NM	

						Week 1 - 7/06/06		Week 2 - 7/12/06		Week 3 - 7/20/06		Week 4 - 7/27/06		Week 5		
19th Street SOUTH GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	NO_3 (mg/L)
19th Street Well 01	07/12/2006	A			1.0			3.5	<0.5							
19th Street Well 02	07/12/2006	A			34.0			7.7	0.8							38.0
Combined Influent	07/12/2006							5.3	<0.5							
LEAD VESSEL 1B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.2	<0.5	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 2B	07/12/2006		<1.1	<1.1	1.0	NM	NM	1.6	<0.5	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 3B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.5	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 4B	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.9	0.6	NM	NM	NM	NM	NM	NM	
Combined Effluent	07/12/2006		<1.1	<1.1	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

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Month of July 2006

						Week 1 - 7/06/06		Week 2 - 7/12/06		Week 3 - 7/20/06		Week 4 - 7/27/06		Week 5		
19th Street NORTH GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	NO_3 (mg/L)
EPA 001	07/12/2006	A			<1.0			2.1	0.6							24.0
EPA 108	07/12/2006	A			<1.0			2.2	0.6							
EPA 109	07/12/2006	A			1.5			3.2	0.8							22.0
EPA 110	07/12/2006	A			5.5			3.7	0.8							13.0
EPA 111	07/12/2006	A			9.0			4.2	0.8							15.0
EPA 112	07/12/2006	A			<1.0			1.8	<0.5							16.0
Combined Influent	07/12/2006							3.8	0.8							
LEAD VESSEL 1A	07/12/2006		<1.1	<1.1	1.5	NM	NM	1.5	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 2A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.7	0.7	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 3A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.0	0.8	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 4A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	2.1	0.7	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 5A	07/12/2006		<1.1	<1.1	2.0	NM	NM	2.0	0.8	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 6A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.8	0.8	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 8A	07/12/2006		<1.1	<1.1	<1.0	NM	NM	1.2	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 9A	07/12/2006		<1.1	<1.1	1.0	NM	NM	1.5	0.6	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 10A	07/12/2006		<1.1	<1.1	1.0	NM	NM	2.0	0.8	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 11A	07/12/2006		<1.1	<1.1	1.0	NM	NM	1.9	0.7	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 12A	07/12/2006		<1.1	<1.1	1.0	NM	NM	1.9	0.7	NM	NM	NM	NM	NM	NM	
LEAD VESSEL 13A	07/12/2006		<1.1	<1.1	3.5	NM	NM	1.7	0.6	NM	NM	NM	NM	NM	NM	
Combined Effluent	07/12/2006		<1.1	<1.1	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

Waterman Stripping Towers	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE	TCE	TB	FB
Waterman Combined Tower Influent	07/06/2006					4.1	0.6	<0.5	<0.5
Waterman N. Tower Effluent	07/05/2006	A			1.5	<0.5	<0.5	<0.5	<0.5
Waterman S. Tower Effluent	07/05/2006	A			1.0	<0.5	<0.5	<0.5	<0.5

Newmark Stripping Towers	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE	TCE	TB	FB
Newmark W. Tower Influent	07/06/2006					<0.5	<0.5	<0.5	<0.5
Newmark W. Tower Effluent	07/05/2006	A			1.0	<0.5	<0.5	<0.5	<0.5
Newmark E. Tower Influent	07/06/2006					<0.5	<0.5	<0.5	<0.5
Newmark E. Tower Effluent	07/05/2006	A			2.0	<0.5	<0.5	<0.5	<0.5

NOTE: If any VOC contaminant is detected in the Towers' Effluent Samples, the laboratory report(s) will be attached for DHS review.

NM = Not Monitored

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EPA
PRODUCTION WELL RUN TIME
Jul-06

July Total 744 Hours

Well	Total Run Hours
EPA 001	744
EPA 002	742
EPA 003	740
EPA 004	741
EPA 005	742
EPA 006	741
EPA 007	741
EPA 108	744
EPA 109	744
EPA 110	744
EPA 111	714
EPA 112	744
NEWMARK 3	742

MICHAEL LOWE
Water Utility
Operations Superintendent

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