

EXHIBIT 31

JLK

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RWQCB-CVR
FRESNO, CALIF.

California Regional Water Quality Control Board
Central Valley Region
1685 E Street
Fresno, CA 93706-2020

Attention: Mr. Dale Harvey, Senior Engineer

Subject: Malaga County Water District
WDR No. 2008-0033 NPDES CA0084239
Telephone Number 559-485-7353

Dear Mr. Harvey:

Please find attached the monthly operations report for the Malaga County Water District for the month of July / Year 2009. The report includes the following subjects:

- 1) Influent Monitoring and Secondary Effluent Monitoring (monthly and quarterly report)
- 2) Tertiary Effluent Monitoring (monthly report)
- 3) Evaporation/Percolation Pond Monitoring (monthly report)
- 4) Receiving Water Monitoring (monthly reports)
 - I. R-1 Receiving Water Upstream of Discharge
 - II. R-2 Receiving Water Downstream of Discharge
- 5) Water Supply Monitoring (monthly).
- 6) Supporting Laboratory Documentation .

AL - 9/22/09
JKW - 4/8/10
L Non-complaint
mmfs +

I certify that under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Louy Morales

8-31-09

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033

INFLUENT & SECONDARY EFFLUENT MONITORING MONTHLY REPORT

MONTH: JULY YEAR: 2009

DATE	DAY	INFLUENT CONSTITUENT						SECONDARY EFFLUENT CONSTITUENT									
		Daily		Weekly		Daily		Weekly		Daily		Weekly					
		Parshall Flume Flow MGD	Recirculated Grit Flow MGD	TOTAL FLOW (calc.) MGD	BOD mg/L weekly	MDL	TSS mg/L weekly	MDL	FLOW MGD (Q)	EC umhos/cm max	BOD mg/L ave ²	MDL	BOD lb/d (calc.) Q*BOD*2.2 +0.264	TSS mg/L ave ²	MDL	TSS lb/d (calc.) Q*TSS*2.2 +0.264	SS m/L
1	w	0.97	estimated	1.2	77			0.85	1000	40	1	40	40	4	4.50	0.2	0.1
2	th	0.88	0.121	0.85				0.540	770								
3	f	0.9	0.124	0.76				0.347	790								
4	sat	0.81	0.098	0.80				0.416	780								
5	sun	1.01	0.11	0.70				0.292	800								
6	m	1.05	0.11	0.90				0.502	770								
7	tu	1.08	0.12	0.94				0.633	720								
8	w	1.04	0.12	0.96				0.645	740								
9	th	0.93	0.12	0.92	77			0.530	730	1		4.42	1				
10	f	0.92	0.12	0.81				0.432	720								
11	sat	0.89	0.1	0.82				0.446	800								
12	sun	0.86	0.12	0.77				0.370	820								
13	m	0.86	0.12	0.74				0.344	800								
14	tu	0.97	0.127	0.73				0.356	820								
15	w	0.9	0.137	0.83				0.477	810								
16	th	0.97	0.132	0.77				0.435	800	2.8		10.15	4.2		18.90	ND	
17	f	1.01	0.147	0.82	57			0.489	790								
18	sat	1.01	0.134	0.88				0.546	810								
19	sun	1.11	0.099	0.91				0.680	740								
20	m	1.09	0.089	1.02				0.677	760								
21	tu	0.96	0.12	0.97				0.612	780								
22	w	0.95	0.119	0.84				0.469	790								
23	th	0.95	0.107	0.84	53			0.579	770	1.6		7.72	1		4.50	ND	
24	f	1.05	0.11	0.84				0.437	820								
25	sat	1.01	0.096	0.95				0.543	790								
26	sun	0.96	0.082	0.87				0.601	760								
27	m	0.81	0.095	0.87				0.444	870								
28	tu	0.9	0.102	0.71				0.284	700								
29	w	0.74	0.109	0.79				0.370	680								
30	th	0.82	0.106	0.63	120			0.204	700	1		1.70	1		4.50	ND	
31	f	0.97	0.098	0.72				0.304	770								
		0.97	0.2	0.77				0.380	770								
TOTAL		29.38	3.58	25.90	307			14.18									
AVE		0.95	0.12	0.83	77			0.46									
DAILY																	
MAX																	
MEAN		1.11	0.20	1.02	120			0.677	820	2.8		10.15	4.2		18.90	ND	

Submitted by: *Jenny Morales* 8-31-09

MONITORING REPORT REVIEW

Engineer _____
Compliance Yes _____ No _____
Date Reviewed _____

1. Ec MCL is source water + 500 or 1000, whichever is lower.
2. BOD & TSS MCL is 40 mg/L average monthly. Daily maximum is 80 mg/L.
3. Settleable Solids MCL is 0.2 mL/L average monthly. Daily maximum is 1.0 mL/L.
4. Values less than the Reporting Limit and greater than the Method Detection Limit shall be reported as DNQ.
5. Values less than the MDL shall be reported as ND.
6. Flowrate to Secondary Effluent is the difference between influent flow measurements and the flowrate discharged to M-001.
7. Quarterly tests in January, April, July, October.

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 2008-0033
 WATER SUPPLY MONITORING

YEAR 2008

Date Sampled	1/13/2009		2/11/2009		3/12/2009		4/22/2009		5/11/2009		6/10/2009		7/20/2009		QUARTER TOTAL		QUARTER TOTAL		ANNUAL TOTAL			
	DELIVERY (GAL)	N03-N (mg/l)																				
WELL NO. 1	4,489,000	13,919,000	13,919,000	16,555,000	34,884,000	18,489,000	21,547,000	26,813,000	66,853,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	22,939,000	
DELIVERY (GAL)	23	19	19	20	34,884,000	19	19	18	66,853,000	19	19	18	19	22,939,000	19	19	18	66,853,000	19	19	18	22,939,000
N03-N (mg/l)	480	410	410	400	480	400	380	360	480	380	360	360	380	22,939,000	380	360	360	480	380	360	22,939,000	
Ec (umhos/cm)																						
Minerals (see attached)																						
WELL NO. 3	NOT ACTIVE				0				0					0					0			0
DELIVERY (GAL)					0				0					0					0			0
N03-N (mg/l)																						
Ec (umhos/cm)																						
Minerals (see attached)																						
WELL NO. 4					0				0					0					0			0
DELIVERY (GAL)					0				0					0					0			0
N03-N (mg/l)																						
Ec (umhos/cm)																						
Minerals (see attached)																						
WELL NO. 5	NOT ACTIVE				0				0					0					0			0
DELIVERY (GAL)					0				0					0					0			0
N03-N (mg/l)																						
Ec (umhos/cm)																						
Minerals (see attached)																						
WELL NO. 6	14,478,000	4,738,000	4,738,000	4,491,000	23,707,000	3,809,000	779,800	11,295,000	22,642,000	1,324,300	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000	132,430,000
DELIVERY (GAL)	14	13	13	13	23,707,000	13	12	12	22,642,000	14	14	12	14	132,430,000	14	14	12	22,642,000	14	14	12	132,430,000
N03-N (mg/l)	330	330	310	310	330	310	310	280	330	320	320	280	320	132,430,000	320	280	280	330	320	280	132,430,000	
Ec (umhos/cm)																						
Minerals (see attached)																						
WELL NO. 7	17,709,000	16,536,000	20,709,000	20,709,000	54,847,000	20,147,000	2,467,000	23,626,000	68,443,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000	384,580,000
DELIVERY (GAL)	9.8	10	10	10	54,847,000	11	10	9.7	68,443,000	10	10	9.7	10	384,580,000	10	10	9.7	9.8	10	9.7	384,580,000	
N03-N (mg/l)	270	280	270	270	270	270	270	250	270	260	260	250	260	384,580,000	260	260	250	270	260	250	384,580,000	
Ec (umhos/cm)																						
Minerals (see attached)																						
TOTAL DELIVERY (GAL)	36,770,000	36,193,000	41,755,000	41,755,000	113,718,000	42,249,000	59,955,000	61,734,000	167,938,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	72,884,000	
WEIGHTED AVERAGE	13.07	13.95	14.29	14.29	13.07	14.67	13.98	13.73	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57	13.57
N03-N (mg/l)	316.95	342.85	325.85	325.85	316.95	330.32	323.65	309.27	316.95	318.87	318.87	318.87	318.87	318.87	318.87	318.87	318.87	318.87	318.87	318.87	318.87	318.87
Ec (umhos/cm)																						

Submitted by: *Jony Morales* Date: 8-31-09

NOTES:
 SAMPLES FOR EC AND N03-N ARE TAKEN MONTHLY
 SAMPLES FOR MINERALS ARE TAKEN ANNUALLY
 WELL NO. 2 DOES NOT EXIST

PIXLEY PUBLIC UTILITY DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. R5-2007-0123

EVAPORATION /PERCOLATION POND MONITORING MONTHLY REPORT

	POND 1	POND 2	POND 3	POND 4	POND 5	POND 6	POND 7	POND 8
WEEK 1 (Date)	7/3/2009	7/3/2009	7/3/2009	7/3/2009	7/3/2009	7/3/2009	7/3/2009	7/3/2009
Sample Time	8:15am	8:15am	8:15am	Not in use	8:15am	8:15am	8:15am	8:15am
DO, mg/l	5.9	9.1	8.9		10.5	4.1	4	9.2
Freeboard, ft	3.16	2.91	3.33		3.08	3.16	3.08	3.08
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material (Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	light green	clear	light green		light green	clear	light green	clear
WEEK 2 (Date)	7/10/2009	7/10/2009	7/3/2009	7/10/2009	7/10/2009	7/10/2009	7/10/2009	7/10/2009
Sample Time	8:30am	8:30am	8:30am	8:30am	8:30am	8:30am	8:30am	8:30am
DO, mg/l	7.5	7.4	11.1	Not in use	11.4	11.7	2.8	7
Freeboard, ft	3.33	3.16	2.91		3.25	3.5	3.33	3.5
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material (Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	light green	clear	light green		light green	clear	light green	clear
WEEK 3 (Date)	7/17/2009	7/17/2009	7/17/2009	7/17/2009	7/17/2009	7/17/2009	7/17/2009	7/17/2009
Sample Time	8:30am	8:30am	8:30am	8:30am	8:30am	8:30am	8:30am	8:30am
DO, mg/l	13.1	10.4	8.1	Not in use	1.1	12.5	7.9	7.3
Freeboard, ft	3.58	3.33	3.25		3.41	3.66	3.5	3.58
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material (Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	light green	clear	light green		light green	clear	light green	clear
WEEK 4 (Date)	7/24/2009	7-24-09	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009
Sample Time	8:am	8:am	8:am	8:am	8:am	8:am	8:am	8:am
DO, mg/l	6.2	6.1	6.6	Not in use	9.3	6.4	3.6	9.3
Freeboard, ft	3.66	3.33	3.08		3.5	3.75	3.75	3.5
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material (Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	light green	clear	light green		light green	clear	light green	clear
WEEK 5 (Date)	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
Sample Time	7:30am	7:30am	not in use	not in use	7:30am	7:30am	7:30am	7:30am
DO, mg/l	5.6	6.6			7.3	7.3	7.3	7.4
Freeboard, ft	3.5	3.25			3.41	3.58	3.3	3.41
Weeds (Y, N) Locations	N	N			N	N	N	N
Surface Material (Y, N) Locations	N	N			N	N	N	N
Burrowing Animals (Y, N)	N	N			N	N	N	N
Insects (Y, N)	N	N			N	N	N	N
Color	green	light green			green	light green	light green	clear

Submitted by: *Joy Morala* Date: 8-31-09

NOTE: Y=Yes
N=No

Dissolved Oxygen samples to be taken at a depth of 1 foot, opposite the inlet, and between 0700 and 0900 hours.

MONTH: JULY Year: 2009

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 2008-0033
 NPDES NO. CA 0084239
 CENTRAL CANAL MONITORING REPORT

Canal Station R-1

DATE	DAY	TOTAL FLOW MGD	pH	Daily			TOTAL RESIDUAL CL mg/L	DO mg/L	Turbidity NTU	Ammonia Nitrogen (NH ₃ -N) mg/L	Ammonia Un-ionized (as N) mg/L	Nitrate NO ₃ -N (as N) mg/L	TKN (as N) mg/L	Aluminum (Al) mg/L	Total Phosphorus mg/L	Fecal Coliform (MPN/100 ml)	TDS mg/L	Sulfate (SO ₄) mg/L	Potassium (K) mg/L	Calcium (Ca) mg/L	Magnesium (Mg) mg/L	
				EC umhos/cm	TEMP deg F	RESIDUAL CL mg/L																
1	W	90.72	7.8	36	75	ND	<5.0	<1	ΔS+0.025													
2	Th	90.72	7.4	36	70	ND																
3	F	89.42	7.5	23	66	ND																
4	Sat	86.83	7.7	24	64	ND																
5	Sun	84.24	7.7	24	65	ND																
6	M	82.94	7.7	25	70	ND																
7	Tu	84.24	7.9	21	67	ND		2.9	ND	ND	ND	ND	ND	0.18	ND							
8	W	84.24	7.7	38	69	ND																
9	Th	87.48	7.5	36	68	ND																
10	F	86.83	7.8	38	68	ND																
11	Sat	85.53	8	40	63	ND																
12	Sun	87.48	8	36	67	ND																
13	M	91.36	7.5	24	65	ND																
14	Tu	91.36	8	30	70	ND																
15	W	91.36	7.7	23	67	ND																
16	Th	87.48	7.5	23	67	ND	8.9									280						
17	F	87.48	7	23	71	ND																
18	Sat	86.83	6.9	27	67	ND																
19	Sun	92.66	8.2	30	70	ND																
20	M	92.66	7.8	38	68	ND																
21	Tu	98.14	7.8	29	68	ND																
22	W	99.79	7.6	30	72	ND																
23	Th	97.2	7.5	30	66	ND																
24	F	99.79	7.8	28	68	ND																
25	Sat	97.2	7.6	30	63	ND																
26	Sun	92.66	7.5	30	63	ND																
27	M	95.9	7.9	36	72	ND																
28	Tu	93.96	7.8	28	71	ND																
29	W	91.36	7.8	35	68	ND																
30	Th	84.88	7.6	35	68	ND																
31	F	84.24	7.1	30	71	ND																
TOTAL AVE		2788	7.6	30	67	ND	8.9							0.16	ND	280						
DAILY MAX		99.79	8.2	40	75	ND								0.16	ND	280						
MEAN																						

Submitted by: *Josely Morales* Date: *8-31-09*

- NOTES
- As reported by FID if water is in the canal.
 - Discharge shall not cause changes to receiving waters as specified.
 - Change to Turbidity will be no more than 1 NTU when 0.5R-1.5 NTUs, 20% when 5.5R-15.0 NTUs, 10% when 50.5R-151.00 NTUs, 10% when R-1-100 NTUs

MONTH: JULY Year: 2009

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 2008-0033
 NPDES NO. CA 0084239
 CENTRAL CANAL MONITORING REPORT

DATE	DAY	TOTAL FLOW MGD	pH	EC μmhos/cm	TEMP deg F	TOTAL RESIDUAL CL mg/L	DO mg/L	Turbidity NTU	Ammonia Nitrogen (NH ₃ -N) mg/L	Ammonia Un-ionized (as N) mg/L	Monthly				TDS mg/L	Sulfate (SO ₄) mg/L	Potassium (K) mg/L	Calcium (Ca) mg/L	Magnesium (Mg) mg/L									
											Nitrate NO ₃ -N mg/L	TKN (as N) mg/L	Aluminum (Al) mg/L	Phosphorus Total (P) mg/L														
1	w	91.03	7.6	40	71	ND	<5.0	<1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
2	th	91.13	7.6	39	71	ND																						
3	f	89.8	7.5	23	64	ND																						
4	sat	87.23	7.6	25	67	ND																						
5	sun	84.63	7.6	26	64	ND																						
6	m	83.24	7.5	24	68	ND																						
7	tu	84.65	8	21	67	ND				ND	ND	0.22	ND															
8	w	84.63	8	38	69	ND																						
9	th	87.87	7.7	36	68	ND																						
10	f	87.2	7.7	38	63	ND																						
11	sat	85.93	8	36	67	ND																						
12	sun	87.87	7.6	36	67	ND																						
13	m	91.73	7.6	24	64	ND																						
14	tu	91.71	7.9	29	68	ND																						
15	w	91.69	7.6	24	66	ND																						
16	th	87.81	7	23	66	ND																						
17	f	87.81	7.8	25	68	ND	9																					
18	sat	87.16	7.6	28	66	ND																						
19	sun	93	8.1	27	69	ND																						
20	m	93	7.8	38	68	ND																						
21	tu	99.51	8	29	69	ND																						
22	w	100	7.9	30	70	ND																						
23	th	92.6	7.5	29	69	ND																						
24	f	100.2	7.8	28	67	ND																						
25	sat	97.52	7.7	32	64	ND																						
26	sun	93.08	7.6	32	64	ND																						
27	m	96.32	7.9	32	70	ND																						
28	tu	94.38	7.8	31	69	ND																						
29	w	91.78	7.7	35	66	ND																						
30	th	85.29	7.8	40	70	ND																						
31	f	84.63	7.8	37	70	ND																						
TOTAL AVE		2804	7.7	30	67	ND	9	1.6	ND	ND	ND	0.22	ND															
DAILY MAX		100.2	8.1	40	71	ND	9	1.6	ND	ND	ND	0.22	ND															
MEAN																												

Submitted by: *Jenny Morales* Date: *8-31-09*

MONTH: JULY Year: 2009

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 2008-0033
 NPDES NO. CA 0084239
 TERTIARY EFFLUENT MONITORING MONTHLY REPORT

DATE	DAY	Daily		pH	EC µmho/cm SW+500	MDL	TEMP deg F	TOTAL RESIDUAL CL mg/L ² 4 day average	SS m/L	MDL	BOD			TSS			Turbidity NTU	Total Coliform Cofus/ml (CO) MPN/100 ml	MDL	Ammonia Nitrogen (NH-N) mg/L ⁵
		TOTAL FLOW MGD	MAX FLOW MGD								BOD mg/L ³	MDL	BOD lbs/day	BOD Removal ¹ %	TSS mg/L ³	MDL				
1	W	0.31	0.45	7.1	760		81	<0.01	ND	0.1	10	5	38	290%				2	2	1.3
2	Th	0.413		7.0	720		81	<0.01	ND									2		
3	f	0.384		6.9	740		80	<0.01	ND											
4	Sat	0.408		6.9	750		80	<0.01	ND											
5	Sun	0.398		7.0	750		80	<0.01	ND											
6	M	0.307		7.0	700		78	<0.01	ND											
7	Tu	0.415		7.1	710		80	<0.01	ND											
8	W	0.39		7.3	760		81	<0.01	ND		18									
9	Th	0.378		7.1	710		78	<0.01	ND											
10	f	0.374		7.0	780		80	<0.01	ND											
11	Sat	0.4		7.3	830		78	<0.01	ND											
12	Sun	0.398		7.1	810		78	<0.01	ND											
13	M	0.374		7.1	820		79	<0.01	ND											
14	Tu	0.353		7.0	800		81	<0.01	ND											
15	W	0.335		7.1	850		82	<0.01	ND		3.9									
16	Th	0.334		7.1	840		84	<0.01	ND											
17	f	0.334		7.0	850		84	<0.01	ND											
18	Sat	0.33		7.1	810		83	<0.01	ND											
19	Sun	0.343		7.1	810		83	<0.01	ND											
20	M	0.358		7.0	820		82	<0.01	ND											
21	Tu	0.371		7.0	1200		80	<0.01	ND		1									
22	W	0.281		6.9	820		85	<0.01	ND											
23	Th	0.403		6.9	800		79	<0.01	ND											
24	f	0.407		7.1	760		80	<0.01	ND											
25	Sat	0.329		7.3	760		80	<0.01	ND											
26	Sun	0.426		7.1	660		83	<0.01	ND											
27	M	0.426		7.1	660		84	<0.01	ND											
28	Tu	0.42		7.1	640		79	<0.01	ND											
29	W	0.426		7.2	660		80	<0.01	ND											
30	Th	0.416		7.2	730		81	<0.01	ND											
31	f	0.39		7.0	720		81	<0.01	ND											
TOTAL		11.906		7.1	775		81	<0.01	ND		7.0									
AVE		0.3744		7.3	720		85	<0.01	ND		19									
DAILY MAX		0.426		7.3	1200															
MEAN																				

Submitted by: *Jenny Morales* Date: *8-31-09*

- NOTES:
- BOD Removed to be calculated using mean values.
 - Chlorine residual must be monitored with a method sensitive to and accurate at the permitted level of 0.01 mg/L.
 - Daily maximum 36 mg/L. Weekly average 16 mg/L.
 - 2.2 MPN/100ml, as 7 day median. Shall not exceed 23 MPN/100 ml more than once in any month. 240 MPN/100 ml at any time
 - Inferm effluent limitations.
 - WDR Compliance indicated by "ES" answer.
 - Effective Unit May 19, 2010

DATE	Monthly July Year 2009			
	pH at Sample Collection	Ammonia level/day	TDS mg/L	Nitrate NO ₃ -N mg/L
Discharge Limits				
1				
2				
3				
4				
5				
6				
7	7.1	3	550	1
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
TOTAL	7.1	3	550	1
AVE	7.1	3	550	1
DAILY MAX	7.1	3	550	1
MEAN				

MONTH: JULY Year 2009

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 2008-0033
 NPDES NO. CA 0084239
 TERTIARY EFFLUENT MONITORING MONTHLY REPORT

DATE	Monthly													Quarterly				Annually						
	Nitrate body	Total Nitrogen mg/L	Aluminum (Al) mg/L	Boron (B) mg/L	Chloride (Cl) mg/L	Copper (Cu) mg/L	Cydrate (CN) mg/L	Fluoride (F) mg/L	Phosphorus Total (P) mg/L	Dioxin C ₁₂ H ₁₀ O ₂ P ₆ µg/L	Bromom CHBr ₃ µg/L	Chloroform CHCl ₃ µg/L	Trichloro ethylene C ₂ HCl ₃ µg/L	Acute Whole Effluent Toxicity 200% Ave. per 3 tests	Chronic Whole Effluent Toxicity 200% Ave. per 3 tests	Boron (B) mg/L	Calcium (Ca) mg/L	Iron (Fe) mg/L	Magnesium (Mg) mg/L	Potassium (K) mg/L	Sodium (Na) mg/L	General Minerals (Cobalt Chloride) mg/L		
1																								
2																								
3																								
4																								
5																								
6																								
7	3	13	0.085	0.13	52	0.023	ND	0.98	2.6	ND	11	34	22											
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
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24																								
25																								
26																								
27																								
28																								
29																								
30																								
31																								
TOTAL																								
AVE	3	13	0.085	0.13	52	0.023	ND	0.98	2.6	ND	11	34	22	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
DAILY MAX	3	13	0.085	0.13	52	0.023	ND	0.98	2.6	ND	11	34	22	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
MEAN																								

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. RS-2008-0033
 NPDES NO. CA0084239

RECEIVING WATER CONDITIONS REPORT

July

WEEK 1 (Date)	R-1	R-2
Sample Time	7/31/2009 9:am	7/2/2009 9:am
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 2 (Date)	7/8/2009	7/8/2009
Sample Time	2:pm	2:pm
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 3 (Date)	7/14/2009	7/14/2009
Sample Time	9:am	11:am
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 4 (Date)	7/24/2009	7/24/2009
Sample Time	9:am	9:am
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 5 (Date)	7/31/2009	7/31/2009
Sample Time	2:pm	2:pm
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N

Submitted by Jerry Wotzko Date: 8-31-09

NOTE: Y=Yes
 N=No



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 16, 2009

Work Order #: 9G02016

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/02/09 . For your reference, these analyses have been assigned laboratory work order number 9G02016.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist', is written over a horizontal line.

Ronald J. Boquist
Director of Analytical Chemistry

JUL 27 2009



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	07/16/2009

Analytical Report for Work Order 9G02016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff					Sampled: 07/01/09 08:00 9G02016-01 (Waste Water)						
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9G0217	07/02/09	07/02/09	EPA 120.1	
Tertiary Eff					Sampled: 07/01/09 08:00 9G02016-02 (Waste Water)						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9G0217	07/02/09	07/02/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0202	07/02/09	07/02/09	SM 2540F	
Final Eff					Sampled: 07/02/09 10:00 9G02016-03 (Waste Water)						
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9G0217	07/02/09	07/02/09	EPA 120.1	
Tertiary Eff					Sampled: 07/02/09 10:00 9G02016-04 (Waste Water)						
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9G0217	07/02/09	07/02/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0202	07/02/09	07/02/09	SM 2540F	
Tertiary Eff					Sampled: 07/02/09 09:45 9G02016-05 (Waste Water)						
Total Coliforms		2.0	2.0		MPN/100mL	1	T9G0223	07/02/09	07/06/09	SM9221B/E/F	

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 16, 2009

Work Order #: 9G06023

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/06/09 . For your reference, these analyses have been assigned laboratory work order number 9G06023.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

JUL 17 2009



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/16/2009
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Analytical Report for Work Order 9G06023

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff.					Sampled: 07/03/09 08:11 9G06023-01 (Waste Water)						
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9G0705	07/06/09	07/06/09	EPA 120.1	
Tertiary Eff					Sampled: 07/03/09 08:11 9G06023-02 (Waste Water)						
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T9G0705	07/06/09	07/06/09	EPA 120.1	
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9G0604	07/06/09	07/06/09	SM 2540F	
Final Eff					Sampled: 07/04/09 08:15 9G06023-03 (Waste Water)						
Specific Conductance (EC)		800	1.0	1.0	µS/cm	1	T9G0705	07/06/09	07/06/09	EPA 120.1	
Tertiary Eff					Sampled: 07/04/09 08:15 9G06023-04 (Waste Water)						
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9G0705	07/06/09	07/06/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0604	07/06/09	07/06/09	SM 2540F	
Final Eff					Sampled: 07/05/09 08:20 9G06023-05 (Waste Water)						
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9G0705	07/06/09	07/06/09	EPA 120.1	
Tertiary Eff					Sampled: 07/05/09 08:20 9G06023-06 (Waste Water)						
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9G0705	07/06/09	07/06/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0604	07/06/09	07/06/09	SM 2540F	

Notes and Definitions

- HR This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 21, 2009

Work Order #: 9G07037

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/07/09 . For your reference, these analyses have been assigned laboratory work order number 9G07037.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District
3580 S. Frank
Fresno CA. 93725

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Tony Morales

Reported:
07/21/2009

Analytical Report for Work Order 9G07037

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent										
Sampled: 07/07/09 09:00 9G07037-01 (Waste Water)										
Fluoride		0.98	0.20		mg/L	2	T9G0804	07/08/09	07/08/09	EPA 300.0
Chloride		52	4.0		mg/L	2	T9G0804	07/08/09	07/08/09	EPA 300.0
Cyanide (total)		ND	5.0		µg/L	1	T9G1006	07/13/09	07/16/09	SM4500CN-E
Aluminum		0.085	0.050		mg/L	1	T9G1407	07/14/09	07/17/09	EPA 200.7
Boron		0.13	0.050		mg/L	1	T9G1407	07/14/09	07/17/09	EPA 200.7
Copper		0.023	0.0050		mg/L	1	T9G1407	07/14/09	07/17/09	EPA 200.7
Alachlor		ND	1.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Atrazine		ND	0.50		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Bromacil		ND	10		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Butachlor		ND	0.38		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Diazinon		ND	0.25		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Dimethoate		ND	10		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
EPTC		ND	2.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Metolachlor		ND	1.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Metribuzin		ND	2.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Molinate		ND	2.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Prometon		ND	0.050		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Prometryn		ND	2.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Simazine		ND	1.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Terbacil		ND	2.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Thiobencarb		ND	1.0		µg/L	1	T9G0829	07/07/09	07/09/09	EPA 507
Surrogate: 1,3-Dimethyl-2-nitrobenzene		89.2 %	48.4-117				T9G0829	07/07/09	07/09/09	EPA 507

Notes and Definitions

µg/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



Weck Laboratories, Inc.
Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: Tuesday, July 14, 2009
Received Date: Friday, July 10, 2009
Received Time: 10:30 am
Turnaround Time: Normal

Client: Moore Twining Associates, Inc.
2527 Fresno Street
Fresno, CA. 93721

Phones: (559) 268-7021
Fax: (559) 268-0740

Attn: Andrea Seruntine
Project: 9G07037

P.O. #:

Lab Sample ID: 9G10019-01	Sample ID: 9G07037-01									Matrix: Water
Sampled by: Client	Sampled: 07/07/09 09:00	Sample Note: Tertiary Effluent								
Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
1,1,1,2-Tetrachloroethane.....	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,1,1-Trichloroethane.....	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,1,2,2-Tetrachloroethane.....	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,1,2-Trichloroethane.....	ND	0.22	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,1-Dichloroethane.....	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,1-Dichloroethene.....	ND	0.21	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,1-Dichloropropene.....	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,2,3-Trichlorobenzene.....	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,2,3-Trichloropropane.....	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,2,4-Trichlorobenzene.....	ND	0.19	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,2,4-Trimethylbenzene.....	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,2-Dichloroethane.....	ND	0.14	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,2-Dichloropropane.....	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,3 Dichloropropene (Total).....	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,3,5-Trimethylbenzene.....	ND	0.15	0.60	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
1,3-Dichloropropane.....	ND	0.14	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
2,2-Dichloropropane.....	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
2-Butanone.....	ND	1.9	5.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
2-Chloroethyl vinyl ether.....	ND	0.35	1.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
2-Chlorotoluene.....	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
2-Hexanone.....	ND	0.18	5.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
4-Chlorotoluene.....	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
4-Methyl-2-pentanone.....	ND	1.5	5.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Benzene.....	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Bromobenzene.....	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Bromochloromethane.....	ND	0.20	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Bromodichloromethane.....	22	0.13	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Bromoform.....	11	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Bromomethane.....	ND	0.21	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Carbon tetrachloride.....	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Chlorobenzene.....	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Chloroethane.....	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475

9G10019

Page 1 of 9

Weck Laboratories, Inc. 14859 East Clark Avenue, City of Industry, California 91745-1300 (626) 336-2139 FAX (626) 336-2634

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Lab Sample ID: 9G10019-01 Sample ID: 9G07037-01 Matrix: Water
 Sampled by: Client Sampled: 07/07/09 09:00 Sample Note: Tertiary Effluent

Analyte	Result	DL	RL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Chloroform	7.4	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Chloromethane	ND	0.20	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
cis-1,2-Dichloroethene	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
cis-1,3-Dichloropropane	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Dibromochloromethane	34	0.19	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Dibromomethane	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Dichlorodifluoromethane (Freon 12)	ND	0.26	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Di-isopropyl ether	ND	1.3	3.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Ethyl tert-butyl ether	ND	1.3	3.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Ethylbenzene	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Freon 113	ND	1.6	5.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Hexachlorobutadiene	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Isopropylbenzene	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
m,p-Xylene	ND	0.37	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
m-Dichlorobenzene	ND	0.21	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Methyl tert-butyl ether (MTBE)	ND	1.1	3.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Methylene chloride	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Naphthalene	ND	0.21	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
n-Butylbenzene	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
n-Propylbenzene	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
o-Dichlorobenzene	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
o-Xylene	ND	0.19	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
p-Dichlorobenzene	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
p-Isopropyltoluene	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
sec-Butylbenzene	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Styrene	ND	0.16	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Tert-amyl methyl ether	ND	1.2	3.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
tert-Butylbenzene	ND	0.14	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Tetrachloroethene	ND	0.26	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Toluene	ND	0.15	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
trans-1,2-Dichloroethene	ND	0.19	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
trans-1,3-Dichloropropane	ND	0.17	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Trichloroethene	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Trichlorofluoromethane	ND	0.20	5.0	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Vinyl chloride	ND	0.18	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Xylenes (total)	ND	0.37	0.50	ug/l	1	EPA 524.2	7/13/09	7/14/09	1:57 mdt	W9G0475
Surrogate: 1,2-Dichlorobenzene-d4	91 %		70-130							
Surrogate: 4-Bromofluorobenzene	93 %		70-130							



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Notes:

The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless otherwise specified.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services. The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL). For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002



Kim Tu

Authorized Signature
Contact: Kim G Tu (Project Manager)



ELAP # 1132
LACSD # 10143
NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Flags for Data Qualifiers:

- ND NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
- Sub Subcontracted analysis, original report enclosed.
- Dil Dilution Factor
- DL Method Detection Limit
- RL Method Reporting Limit
- MDA Minimum Detectable Activity



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 22, 2009

Work Order #: 9G07062

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/07/09. For your reference, these analyses have been assigned laboratory work order number 9G07062.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist', is written over a faint, illegible printed name.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Madera County Water District 3580 S. Frank Fresno CA, 93725	Project: Madera Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/22/2009
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Analytical Report for Work Order 9G07062

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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Final Eff.										
Sampled: 07/06/09 08:00 9G07062-01 (Waste Water)										
Specific Conductance (EC)		720	1.0		µS/cm	1	T9G0825	07/08/09	07/08/09	EPA 120.1

Tertiary Eff.										
Sampled: 07/06/09 08:00 9G07062-02 (Waste Water)										
Specific Conductance (EC)		700	1.0		µS/cm	1	T9G0825	07/08/09	07/08/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G0803	07/08/09	07/08/09	SM 2540F

Tertiary Eff.										
Sampled: 07/07/09 09:00 9G07062-03 (Waste Water)										
Nitrate as Nitrogen		11	0.45		mg/L	1	[CALC]	07/09/09	07/08/09	[CALC]
Nitrite as Nitrogen		ND	0.30		mg/L	1	[CALC]	07/09/09	07/08/09	[CALC]
Total Nitrogen		13	1.8		mg/L	1	[CALC]	07/09/09	07/13/09	[CALC]
Specific Conductance (EC)		710	1.0		µS/cm	1	T9G0825	07/08/09	07/08/09	EPA 120.1
Nitrite as NO2		ND	1.0		mg/L	1	T9G0804	07/08/09	07/08/09	EPA 300.0
Nitrate as NO3		49	2.0		mg/L	1	T9G0804	07/08/09	07/08/09	EPA 300.0
Ammonia as N		ND	1.0		mg/L	1	T9G1316	07/13/09	07/15/09	EPA 350.1
Total Kjeldahl Nitrogen		2.1	1.0		mg/L	1	T9G0917	07/09/09	07/13/09	EPA 351.2
Phosphorus		2.6	0.10		mg/L	1	T9G0917	07/09/09	07/13/09	EPA 365.4
Total Dissolved Solids		550	10		mg/L	1	T9G1406	07/14/09	07/20/09	SM 2540C
Total Suspended Solids		ND	4.0		mg/L	1	T9G1411	07/14/09	07/15/09	SM 2540D
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G0803	07/08/09	07/08/09	SM 2540F
Biochemical Oxygen Demand		19	3.0		mg/L	3	T9G0913	07/09/09	07/14/09	SM5210B

Final Eff.										
Sampled: 07/07/09 11:00 9G07062-04 (Waste Water)										
Specific Conductance (EC)		740	1.0		µS/cm	1	T9G0825	07/08/09	07/08/09	EPA 120.1

Notes and Definitions

DUP	A high RPD was observed between a sample and this sample's duplicate.
µg/L	micrograms per liter (parts per billion concentration units)
mg/l.	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Baquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 25, 2009

Work Order #: 9G08015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/08/09 . For your reference, these analyses have been assigned laboratory work order number 9G08015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District
3580 S. Frank
Fresno CA, 93725

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Tony Morales

Reported:
07/25/2009

Analytical Report for Work Order 9G08015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent Station R-1			Sampled: 07/07/09 16:00 9G08015-01 (Surface Water)							
Ammonia-Unionized	ND	0.037			mg/L	1	T9G1316	07/13/09	07/15/09	[CALC]
Specific Conductance (EC)	21	1.0			µS/cm	1	T9G0825	07/08/09	07/08/09	EPA 120.1
Turbidity	2.9	0.020			NTU	1	T9G1009	07/09/09	07/09/09	EPA 180.1
Nitrate as Nitrogen	ND	0.45			mg/L	1	[CALC]	07/08/09	07/09/09	EPA 300.0
Nitrate as NO3	ND	2.0			mg/L	1	T9G0804	07/08/09	07/09/09	EPA 300.0
Ammonia as N	ND	1.0			mg/L	1	T9G1316	07/13/09	07/15/09	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0			mg/L	1	T9G0917	07/09/09	07/13/09	EPA 351.2
Phosphorus	ND	0.10			mg/L	1	T9G0917	07/09/09	07/13/09	EPA 365.4
Aluminum	0.16	0.050			mg/L	1	T9G1407	07/14/09	07/17/09	EPA 200.7
Tertiary Effluent Station R-2			Sampled: 07/07/09 16:39 9G08015-02 (Surface Water)							
Ammonia-Unionized	ND	0.046			mg/L	1	T9G1316	07/13/09	07/15/09	[CALC]
Specific Conductance (EC)	21	1.0			µS/cm	1	T9G0825	07/08/09	07/08/09	EPA 120.1
Turbidity	1.6	0.020			NTU	1	T9G1009	07/09/09	07/09/09	EPA 180.1
Nitrate as Nitrogen	ND	0.45			mg/L	1	[CALC]	07/08/09	07/09/09	EPA 300.0
Nitrate as NO3	ND	2.0			mg/L	1	T9G0804	07/08/09	07/09/09	EPA 300.0
Ammonia as N	ND	1.0			mg/L	1	T9G1316	07/13/09	07/15/09	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0			mg/L	1	T9G0917	07/09/09	07/13/09	EPA 351.2
Phosphorus	ND	0.10			mg/L	1	T9G0917	07/09/09	07/13/09	EPA 365.4
Aluminum	0.22	0.050			mg/L	1	T9G1407	07/14/09	07/17/09	EPA 200.7

Notes and Definitions

ug/l.	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg.	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPI	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 25, 2009

Work Order #: 9G09012

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/09/09 . For your reference, these analyses have been assigned laboratory work order number 9G09012.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA. 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/25/2009
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Analytical Report for Work Order 9G09012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff						Sampled: 07/08/09 10:00 9G09012-01 (Waste Water)				
Turbidity		1.8	0.020		NTU	1	T9G1010	07/10/09	07/10/09	EPA 180.1
Raw Wastewater						Sampled: 07/08/09 09:00 9G09012-02 (Waste Water)				
Total Suspended Solids		270	20		mg/L	5	T9G1411	07/14/09	07/15/09	SM 2540D
Biochemical Oxygen Demand		77	30		mg/L	30	T9G1003	07/10/09	07/15/09	SM5210B
Final Eff						Sampled: 07/08/09 16:00 9G09012-03 (Waste Water)				
Specific Conductance (EC)		730	1.0		µS/cm	1	T9G0918	07/09/09	07/09/09	EPA 120.1
Nitrate as Nitrogen		12	0.90		mg/L	2	[CALC]	07/10/09	07/10/09	EPA 300.0
Nitrate as NO3		54	4.0		mg/L	2	T9G1002	07/10/09	07/10/09	EPA 300.0
Total Suspended Solids		ND	4.0		mg/L	1	T9G1411	07/14/09	07/15/09	SM 2540D
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1005	07/10/09	07/10/09	SM 2540F
Biochemical Oxygen Demand		ND	1.0		mg/L	1	T9G1003	07/10/09	07/15/09	SM5210B

Notes and Definitions

µg/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 16, 2009

Work Order #: 9G10015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/10/09 . For your reference, these analyses have been assigned laboratory work order number 9G10015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

JUL 27 2009



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/16/2009
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Analytical Report for Work Order 9G10015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Tertiary Eff					Sampled: 07/08/09 08:00 9G10015-01 (Waste Water)						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9G1014	07/10/09	07/10/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G1005	07/10/09	07/10/09	SM 2540F	
Final Eff					Sampled: 07/09/09 10:00 9G10015-02 (Waste Water)						
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9G1014	07/10/09	07/10/09	EPA 120.1	
Tertiary Eff					Sampled: 07/09/09 10:00 9G10015-03 (Waste Water)						
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T9G1014	07/10/09	07/10/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G1005	07/10/09	07/10/09	SM 2540F	
Tertiary Eff					Sampled: 07/10/09 10:45 9G10015-04 (Waste Water)						
Total Coliforms		< 2	2.0		MPN/100mL	1	T9G1021	07/10/09	07/12/09	SM9221B/E/F	

Notes and Definitions

- _3x5 < 2
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 24, 2009

Work Order #: 9G13022

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/13/09 . For your reference, these analyses have been assigned laboratory work order number 9G13022.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District
3580 S. Frank
Fresno CA, 93725

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Tony Morales

Reported:
07/24/2009

Analytical Report for Work Order 9G13022

Analyte	Qual. Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff. Sampled: 07/10/09 10:48 9G13022-01 (Waste Water)									
Specific Conductance (EC)	800	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Tertiary Eff. Sampled: 07/10/09 10:54 9G13022-02 (Waste Water)									
Specific Conductance (EC)	790	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Total Settlicable Solids	NR ND	0.10		mL/L/Hr	1	T9G1315	07/13/09	07/13/09	SM 2540F
Final Eff. Sampled: 07/11/09 08:00 9G13022-03 (Waste Water)									
Specific Conductance (EC)	820	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Tertiary Eff. Sampled: 07/11/09 08:00 9G13022-04 (Waste Water)									
Specific Conductance (EC)	830	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Total Settlicable Solids	ND	0.10		mL/L/Hr	1	T9G1315	07/13/09	07/13/09	SM 2540F
Final Eff. Sampled: 07/12/09 08:00 9G13022-05 (Waste Water)									
Specific Conductance (EC)	800	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Tertiary Eff. Sampled: 07/12/09 08:00 9G13022-06 (Waste Water)									
Specific Conductance (EC)	810	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Total Settlicable Solids	ND	0.10		mL/L/Hr	1	T9G1315	07/13/09	07/13/09	SM 2540F
Final Eff. Sampled: 07/13/09 09:00 9G13022-07 (Waste Water)									
Specific Conductance (EC)	820	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Tertiary Eff. Sampled: 07/13/09 09:00 9G13022-08 (Waste Water)									
Specific Conductance (EC)	820	1.0		µS/cm	1	T9G1306	07/13/09	07/13/09	EPA 120.1
Total Settlicable Solids	ND	0.10		mL/L/Hr	1	T9G1315	07/13/09	07/13/09	SM 2540F

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 27, 2009

Work Order #: 9G14021

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/14/09 . For your reference, these analyses have been assigned laboratory work order number 9G14021.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	07/27/2009

Analytical Report for Work Order 9G14021

Analyte	Qual	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff						Sampled: 07/13/09 09:00 9G14021-01 (Waste Water)				
Turbidity		2.2	0.020		NTU	1	T9G1415	07/14/09	07/14/09	EPA 180.1

Notes and Definitions

- ug/l. micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC Limits	RPD	RPD Limit
Batch T9G1415										
LCS (T9G1415-BS1)					Prepared & Analyzed: 07/14/09					
Turbidity		9.89	0.020	NTU	10.0		98.9	80-120		20
LCS Dup (T9G1415-BSD1)					Prepared & Analyzed: 07/14/09					
Turbidity		10.1	0.020	NTU	10.0		101	80-120	2.10	20
Duplicate (T9G1415-DUP1)					Source: 9G13027-02 Prepared & Analyzed: 07/14/09					
Turbidity		0.240	0.020	NTU		0.290			18.9	20

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

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2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

July 24, 2009

Work Order #: 9G14022

Tony Morales
 Malaga County Water District
 3580 S. Frank
 Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/14/09. For your reference, these analyses have been assigned laboratory work order number 9G14022.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
 Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/24/2009
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Analytical Report for Work Order 9G14022

Analyte	Qual. Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.					Sampled: 07/14/09 08:40 9G14022-01 (Waste Water)				
Specific Conductance (EC)	810	1.0		µS/cm	1	T9G1413	07/14/09	07/14/09	EPA 120.1
Tertiary Eff.					Sampled: 07/14/09 08:40 9G14022-02 (Waste Water)				
Specific Conductance (EC)	800	1.0		µS/cm	1	T9G1413	07/14/09	07/14/09	EPA 120.1
Total Settleable Solids	ND	0.10		mL/L/Hr	1	T9G1601	07/16/09	07/16/09	SM 2540F

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
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Batch T9G1413

Blank (T9G1413-BLK1)									
Specific Conductance (EC)		ND	1.0	µS/cm					
Prepared & Analyzed: 07/14/09									
LCS (T9G1413-BS1)									
Specific Conductance (EC)		508	1.0	µS/cm	500	102	80-120		20
Prepared & Analyzed: 07/14/09									
LCS Dup (T9G1413-BSD1)									
Specific Conductance (EC)		512	1.0	µS/cm	500	102	80-120	0.784	20
Prepared & Analyzed: 07/14/09									
Duplicate (T9G1413-DUP1)									
Specific Conductance (EC)		616	1.0	µS/cm		586		4.99	20
Source: 9G14001-01									

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 28, 2009

Work Order #: 9G16019

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/16/09 . For your reference, these analyses have been assigned laboratory work order number 9G16019.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

AUG 13 2009



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/28/2009
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Analytical Report for Work Order 9G16019

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Raw Wastewater					Sampled: 07/16/09 09:00 9G16019-01 (Waste Water)						
Total Suspended Solids		79	20		mg/L	5	T9G2208	07/22/09	07/24/09	SM 2540D	
Biochemical Oxygen Demand		57	30		mg/L	30	T9G1708	07/17/09	07/22/09	SM5210B	
Final Eff.					Sampled: 07/15/09 16:00 9G16019-02 (Waste Water)						
Total Suspended Solids		4.2	4.0		mg/L	1	T9G2103	07/21/09	07/22/09	SM 2540D	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540F	
Biochemical Oxygen Demand		2.8	1.0		mg/L	1	T9G1708	07/17/09	07/22/09	SM5210B	
Tertiary Effluent					Sampled: 07/15/09 16:00 9G16019-03 (Waste Water)						
Turbidity		2.3	0.020		NTU	1	T9G1710	07/17/09	07/17/09	EPA 180.1	
Total Suspended Solids		ND	4.0		mg/L	1	T9G2103	07/21/09	07/22/09	SM 2540D	
Biochemical Oxygen Demand		3.9	3.0		mg/L	3	T9G1708	07/17/09	07/22/09	SM5210B	
Final Eff.					Sampled: 07/15/09 08:30 9G16019-04 (Waste Water)						
Specific Conductance (EC)		800	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1	
Tertiary Effluent					Sampled: 07/15/09 08:30 9G16019-05 (Waste Water)						
Specific Conductance (EC)		850	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540F	
Final Eff.					Sampled: 07/16/09 08:15 9G16019-06 (Waste Water)						
Specific Conductance (EC)		790	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1	
Tertiary Effluent					Sampled: 07/16/09 08:15 9G16019-07 (Waste Water)						
Specific Conductance (EC)		840	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540F	

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 28, 2009

Work Order #: 9G16019

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/16/09. For your reference, these analyses have been assigned laboratory work order number 9G16019.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/28/2009
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Analytical Report for Work Order 9G16019

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 07/16/09 09:00 9G16019-01 (Waste Water)				
Total Suspended Solids		79	20		mg/L	5	T9G2208	07/22/09	07/24/09	SM 2540D
Biochemical Oxygen Demand		57	30		mg/L	30	T9G1708	07/17/09	07/22/09	SMS210B
Final Eff.						Sampled: 07/15/09 16:00 9G16019-02 (Waste Water)				
Total Suspended Solids		4.2	4.0		mg/L	1	T9G2103	07/21/09	07/22/09	SM 2540D
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540F
Biochemical Oxygen Demand		2.8	1.0		mg/L	1	T9G1708	07/17/09	07/22/09	SMS210B
Tertiary Effluent						Sampled: 07/15/09 16:00 9G16019-03 (Waste Water)				
Turbidity		2.3	0.020		NTU	1	T9G1710	07/17/09	07/17/09	EPA 180.1
Total Suspended Solids		ND	4.0		mg/L	1	T9G2103	07/21/09	07/22/09	SM 2540D
Biochemical Oxygen Demand		3.9	3.0		mg/L	3	T9G1708	07/17/09	07/22/09	SMS210B
Final Eff.						Sampled: 07/15/09 08:30 9G16019-04 (Waste Water)				
Specific Conductance (EC)		800	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1
Tertiary Effluent						Sampled: 07/15/09 08:30 9G16019-05 (Waste Water)				
Specific Conductance (EC)		850	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540F
Final Eff.						Sampled: 07/16/09 08:15 9G16019-06 (Waste Water)				
Specific Conductance (EC)		790	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1
Tertiary Effluent						Sampled: 07/16/09 08:15 9G16019-07 (Waste Water)				
Specific Conductance (EC)		840	1.0		µS/cm	1	T9G1614	07/16/09	07/16/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540F

Notes and Definitions

ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 24, 2009

Work Order #: 9G17020

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/17/09. For your reference, these analyses have been assigned laboratory work order number 9G17020.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/24/2009
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Analytical Report for Work Order 9G17020

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.						Sampled: 07/17/09 10:55 9G17020-01 (Waste Water)				
Specific Conductance (EC)		810	1.0		µS/cm	1	T9G1707	07/17/09	07/17/09	EPA 120.1
Tertiary Eff.						Sampled: 07/17/09 10:55 9G17020-02 (Waste Water)				
Specific Conductance (EC)		850	1.0		µS/cm	1	T9G1707	07/17/09	07/17/09	EPA 120.1
Total Settlicable Solids		ND	0.10		mL/L/Hr	1	T9G1703	07/17/09	07/17/09	SM 2540P
Tertiary Eff						Sampled: 07/17/09 11:35 9G17020-03 (Waste Water)				
Total Coliforms		< 2	2.0		MPN/100mL	1	T9G1717	07/17/09	07/19/09	SM9221B/E/F
Tertiary Eff. Station R-1						Sampled: 07/17/09 11:45 9G17020-04 (Waste Water)				
Fecal Coliforms		280	2.0		MPN/100mL	1	T9G1717	07/17/09	07/20/09	SM9221B/R/F
Tertiary Eff. Station R-2						Sampled: 07/17/09 11:50 9G17020-05 (Waste Water)				
Fecal Coliforms		900	2.0		MPN/100mL	1	T9G1717	07/17/09	07/20/09	SM9221B/E/F

Notes and Definitions

3x5	< 2
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 24, 2009

Work Order #: 9G20020

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/20/09 . For your reference, these analyses have been assigned laboratory work order number 9G20020.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District
3580 S. Frank
Fresno CA, 93725

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Tony Morales

Reported:
07/24/2009

Analytical Report for Work Order 9G20020

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff Sampled: 07/18/09 08:30 9G20020-01 (Waste Water)										
Specific Conductance (EC)		740	1.0		µS/cm	1	T9G2019	07/20/09	07/20/09	EPA 120.1
Tertiary Eff Sampled: 07/18/09 08:30 9G20020-02 (Waste Water)										
Specific Conductance (EC)		810	1.0		µS/cm	1	T9G2019	07/20/09	07/20/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2105	07/20/09	07/20/09	SM 2540F
Final Eff Sampled: 07/19/09 08:35 9G20020-03 (Waste Water)										
Specific Conductance (EC)		760	1.0		µS/cm	1	T9G2019	07/20/09	07/20/09	EPA 120.1
Tertiary Eff Sampled: 07/19/09 08:35 9G20020-04 (Waste Water)										
Specific Conductance (EC)		810	1.0		µS/cm	1	T9G2019	07/20/09	07/20/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2105	07/20/09	07/20/09	SM 2540F
Final Eff Sampled: 07/20/09 08:00 9G20020-05 (Waste Water)										
Specific Conductance (EC)		780	1.0		µS/cm	1	T9G2116	07/21/09	07/21/09	EPA 120.1
Tertiary Eff Sampled: 07/20/09 08:00 9G20020-06 (Waste Water)										
Specific Conductance (EC)		820	1.0		µS/cm	1	T9G2116	07/21/09	07/21/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2105	07/20/09	07/20/09	SM 2540F

Notes and Definitions

µg/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 30, 2009

Work Order #: 9G23009

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/23/09 . For your reference, these analyses have been assigned laboratory work order number 9G23009.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'R. Boquist', is written over a faint, illegible stamp.

Ronald J. Boquist
Director of Analytical Chemistry

AUG 13 2009



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/30/2009
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Analytical Report for Work Order 9G23009

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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Final Eff					Sampled: 07/21/09 11:30 9G23009-01 (Waste Water)					
Specific Conductance (EC)	HR	790	1.0		µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1

Tertiary Eff					Sampled: 07/21/09 11:30 9G23009-02 (Waste Water)					
Specific Conductance (EC)	HR	1200	1.0		µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2317	07/23/09	07/23/09	SM 2540F

Tertiary Eff					Sampled: 07/22/09 09:00 9G23009-03 (Waste Water)					
Specific Conductance (EC)	HT	820	1.0		µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2317	07/23/09	07/23/09	SM 2540F

Raw Wastewater					Sampled: 07/22/09 09:00 9G23009-04 (Waste Water)					
Total Suspended Solids		130	20		mg/L	5	T9G2806	07/28/09	07/29/09	SM 2540D
Biochemical Oxygen Demand		53	30		mg/L	30	T9G2406	07/24/09	07/29/09	SM5210B

Final Eff					Sampled: 07/22/09 16:30 9G23009-05 (Waste Water)					
Specific Conductance (EC)	HT	770	1.0		µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1
Total Suspended Solids		ND	4.0		mg/L	1	T9G2806	07/28/09	07/29/09	SM 2540D
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2317	07/23/09	07/23/09	SM 2540F
Biochemical Oxygen Demand		1.6	1.0		mg/L	1	T9G2406	07/24/09	07/29/09	SM5210B

Tertiary Eff					Sampled: 07/22/09 16:30 9G23009-06 (Waste Water)					
Turbidity		1.7	0.020		NTU	1	T9G2408	07/24/09	07/24/09	EPA 180.1
Total Suspended Solids		ND	4.0		mg/L	1	T9G2806	07/28/09	07/29/09	SM 2540D
Biochemical Oxygen Demand		ND	3.0		mg/L	3	T9G2406	07/24/09	07/29/09	SM5210B

Tertiary Eff Station R-1					Sampled: 07/22/09 13:30 9G23009-07 (Surface Water)					
Specific Conductance (EC)	HT	29	1.0		µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1

Tertiary Eff Station R-2					Sampled: 07/22/09 13:40 9G23009-08 (Surface Water)					
Specific Conductance (EC)	HT	28	1.0		µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 30, 2009

Work Order #: 9G24013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/24/09 . For your reference, these analyses have been assigned laboratory work order number 9G24013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

AUG 13 2009



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/30/2009
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Analytical Report for Work Order 9G24013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff.					Sampled: 07/23/09 14:00 9G24013-01 (Waste Water)						
Specific Conductance (EC)		820	1.0	1.0	µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1	
Tertiary Eff.					Sampled: 07/23/09 14:00 9G24013-02 (Waste Water)						
Specific Conductance (EC)		800	1.0	1.0	µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G2411	07/24/09	07/24/09	SM 2540F	
Final Eff.					Sampled: 07/24/09 08:00 9G24013-03 (Waste Water)						
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1	
Tertiary Eff.					Sampled: 07/24/09 08:00 9G24013-04 (Waste Water)						
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9G2410	07/24/09	07/24/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G2411	07/24/09	07/24/09	SM 2540F	
Tertiary Eff.					Sampled: 07/24/09 10:45 9G24013-05 (Waste Water)						
Total Coliforms		< 2	2.0		MPN/100mL	1	T9G2413	07/24/09	07/26/09	SM9221B/E/F	

Notes and Definitions

_3x5	< 2
µg/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.
Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

July 30, 2009

Work Order #: 9G27013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/27/09 . For your reference, these analyses have been assigned laboratory work order number 9G27013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/30/2009
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Analytical Report for Work Order 9G27013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff										
					Sampled: 07/25/09 08:00 9G27013-01 (Waste Water)					
Specific Conductance (EC)	HR	760	1.0		µS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1
Tertiary Eff										
					Sampled: 07/25/09 08:00 9G27013-02 (Waste Water)					
Specific Conductance (EC)	HR	760	1.0		µS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2719	07/27/09	07/27/09	SM 2540F
Final Eff										
					Sampled: 07/26/09 08:30 9G27013-03 (Waste Water)					
Specific Conductance (EC)		670	1.0		µS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1
Tertiary Eff										
					Sampled: 07/26/09 08:30 9G27013-04 (Waste Water)					
Specific Conductance (EC)		580	1.0		µS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2719	07/27/09	07/27/09	SM 2540F

Notes and Definitions

- HR This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
- µg/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

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Fresno, CA 93721
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July 30, 2009

Work Order #: 9G27013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/27/09. For your reference, these analyses have been assigned laboratory work order number 9G27013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist'.

Ronald J. Boquist
Director of Analytical Chemistry

AUG 13 2009



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/30/2009
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Analytical Report for Work Order 9G27013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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Final Eff					Sampled: 07/25/09 08:00 9G27013-01 (Waste Water)						
Specific Conductance (EC)	HR	760	1.0		μS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1	

Tertiary Eff					Sampled: 07/25/09 08:00 9G27013-02 (Waste Water)						
Specific Conductance (EC)	HR	760	1.0		μS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2719	07/27/09	07/27/09	SM 2540F	

Final Eff					Sampled: 07/26/09 08:30 9G27013-03 (Waste Water)						
Specific Conductance (EC)		670	1.0		μS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1	

Tertiary Eff					Sampled: 07/26/09 08:30 9G27013-04 (Waste Water)						
Specific Conductance (EC)		580	1.0		μS/cm	1	T9G2715	07/27/09	07/27/09	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G2719	07/27/09	07/27/09	SM 2540F	

Notes and Definitions

- HR This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

August 05, 2009

Work Order #: 9G29017

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/29/09 . For your reference, these analyses have been assigned laboratory work order number 9G29017.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

AUG 20 2009



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 08/05/2009
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Analytical Report for Work Order 9G29017

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff					Sampled: 07/27/09 13:50 9G29017-01 (Waste Water)						
Specific Conductance (EC)	HR	700	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1	
Tertiary Eff					Sampled: 07/27/09 13:55 9G29017-02 (Waste Water)						
Specific Conductance (EC)	HR	660	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G2916	07/29/09	07/29/09	SM 2540F	
Final Eff					Sampled: 07/28/09 10:30 9G29017-03 (Waste Water)						
Specific Conductance (EC)	HT	680	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1	
Tertiary Eff					Sampled: 07/28/09 10:30 9G29017-04 (Waste Water)						
Specific Conductance (EC)	HT	640	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G3012	07/30/09	07/30/09	SM 2540F	
Station R-1					Sampled: 07/28/09 14:11 9G29017-05 (Surface Water)						
Specific Conductance (EC)	HT	29	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1	
Station R-2					Sampled: 07/28/09 14:23 9G29017-06 (Surface Water)						
Specific Conductance (EC)	HT	29	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1	

Notes and Definitions

- HT This result was analyzed outside of the EPA recommended holding time.
- HR This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
- µg/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

August 19, 2009

Work Order #: 9G30008

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/30/09 . For your reference, these analyses have been assigned laboratory work order number 9G30008.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist', is written over the printed name.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA. 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 08/19/2009
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Analytical Report for Work Order 9G30008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Eff. Sampled: 07/29/09 09:00 9G30008-01 (Waste Water)										
Turbidity		1.7	0.020		NTU	1	T9G3018	07/30/09	07/30/09	EPA 180.1
Raw Wastewater Sampled: 07/29/09 09:00 9G30008-02 (Waste Water)										
Total Suspended Solids		170	20		mg/L	5	T9H0506	08/05/09	08/05/09	SM 2540D
Biochemical Oxygen Demand		120	30		mg/L	30	T9G3107	07/31/09	08/05/09	SM5210B
Final Eff. Sampled: 07/29/09 15:30 9G30008-03 (Waste Water)										
Specific Conductance (EC)		700	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1
Total Suspended Solids		ND	4.0		mg/L	1	T9H0506	08/05/09	08/05/09	SM 2540D
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G3106	07/31/09	07/31/09	SM 2540F
Biochemical Oxygen Demand		1.0	1.0		mg/L	1	T9G3107	07/31/09	08/05/09	SM5210B
Tertiary Eff. Sampled: 07/29/09 16:00 9G30008-04 (Waste Water)										
Specific Conductance (EC)		660	1.0		µS/cm	1	T9G3009	07/30/09	07/30/09	EPA 120.1
Total Suspended Solids		ND	4.0		mg/L	1	T9H0506	08/05/09	08/05/09	SM 2540D
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G3106	07/31/09	07/31/09	SM 2540F
Biochemical Oxygen Demand		4.2	3.0		mg/L	3	T9G3107	07/31/09	08/05/09	SM5210B

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

August 05, 2009

Work Order #: 9G31008

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 07/31/09 . For your reference, these analyses have been assigned laboratory work order number 9G31008.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

AUG 20 2009



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

Malaga County Water District
 3580 S. Frank
 Fresno CA, 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Tony Morales

Reported:
 08/05/2009

Analytical Report for Work Order 9G31008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff					Sampled: 07/30/09 07:50 9G31008-01 (Waste Water)						
Specific Conductance (EC)		770	1.0		µS/cm	1	T9G3112	07/31/09	07/31/09	EPA 120.1	
Tertiary Eff					Sampled: 07/30/09 07:55 9G31008-02 (Waste Water)						
Specific Conductance (EC)		730	1.0		µS/cm	1	T9G3112	07/31/09	07/31/09	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G3114	07/31/09	07/31/09	SM 2540F	
Final Eff					Sampled: 07/31/09 10:00 9G31008-03 (Waste Water)						
Specific Conductance (EC)		770	1.0		µS/cm	1	T9G3112	07/31/09	07/31/09	EPA 120.1	
Tertiary Eff					Sampled: 07/31/09 10:00 9G31008-04 (Waste Water)						
Specific Conductance (EC)		720	1.0		µS/cm	1	T9G3112	07/31/09	07/31/09	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9G3114	07/31/09	07/31/09	SM 2540F	
Tertiary Eff					Sampled: 07/31/09 10:45 9G31008-05 (Waste Water)						
Total Coliforms		< 2	2.0		MPN/100mL	1	T9G3118	07/31/09	08/02/09	SM9221B/E/F	

Notes and Definitions

- _3x5 < 2
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.