

# **EXHIBIT 28**

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

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DEC 01 2008

RWQCB-CVR  
FRESNO, CALIF.

Attention: Mr. Dale Harvey, Senior Engineer

Subject: Malaga County Water District  
Identifier BVV7-N2B, WDR No. 99-100 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 October / Year 2008. 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 report)
- 6) Supporting Laboratory Documentation attached with this report

MONITORING REPORT REVIEW

Engineer: DAB

Compliance Yes  No

Date Reviewed 3/10/09

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.

California  
Bromo 300 > 240 not

Jenny Morales  
Malaga wastewater  
Treatment plant oper<sup>3</sup> tor

11-30-08

APPROVED  
Supervising Engineer

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)	10/1/2008	10/1/2008	10/1/2008	10/1/2008	10/1/2008	10/1/2008	10/1/2008	10/1/2008
Sample Time	9:am	9:am	9:am	9:am	9:am	9:am	9:am	9:am
DO, mg/l	10.5	12.4	11.3	13.2	6.9	12.8	9.8	2.3
Freeboard, ft	2.16	1.16	1.41	1.68	5.25	1.66	1.66	1.66
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material (Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	clear	clear	light green	light green	clear	clear	clear	light green
WEEK 2 (Date)	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Time	10:am	10:am	10:am	10:am	10:am	10:am	10:am	10:am
DO, mg/l	9.2	8.5	9	6	6	11	9.1	6.4
Freeboard, ft	2.16	1.91	1.83	1.91	7	1.91	2	1.83
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material (Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	clear	clear	light green	light green	green	light green	clear	light green
WEEK 3 (Date)	10/17/2008	10/17/2008	10/17/2008	10/17/2008	10/17/2008	10/17/2008	10/17/2008	10/17/2008
Sample Time	9:am	9:am	9:am	9:am	9:am	9:am	9:am	9:am
DO, mg/l	11	10	8.3	9.8	1	11.1	11.3	12.4
Freeboard, ft	2.6	2	1.83	1.91	7.5	2	1.75	1.83
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material (Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light green	clear	clear	light green	green	light green	clear	light green
WEEK 4 (Date)	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008
Sample Time	8:am	8:am	8:am	8:am	Pond # 5	8:am	8:am	8:am
DO, mg/l	4.5	9.4	8.9	9.1	Not in use	10.1	10.3	11.3
Freeboard, ft	2.41	2.08	2	2.08	2.16	2.16	1.83	2
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material (Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light green	clear	clear	light green	light green	light green	clear	light green
WEEK 5 (Date)	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008	10/31/2008
Sample Time	9:am	9:am	9:am	9:am	Pond # 5	9:am	9:am	9:am
DO, mg/l	7.4	8.8	10	6.9	Not in use	7.4	7.9	5
Freeboard, ft	3	2.25	2	2.1	2.1	2.1	2	2.08
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material (Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light green	light green	light green	clear	light green	light green	clear	light green

Submitted by: *Joy W. Wrales* Date: *11-30-08*

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.

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

YEAR 2008

Date Sampled	JAN	FEB	MAR	QUARTER			AUG	SEPT	QUARTER		OCT	NOV	DEC	QUARTER		ANNUAL
				TOTAL	APR	MAY			JUN	TOTAL				10/8/2008	TOTAL	
<b>WELL NO. 1</b>																
DELIVERY (GAL)																
N03-N (mg/l)																
Ec (umhos/cm)																
Minerals (see attached)																
<b>WELL NO. 3</b>																
DELIVERY (GAL)																
N03-N (mg/l)																
Ec (umhos/cm)																
Minerals (see attached)																
<b>WELL NO. 4</b>																
DELIVERY (GAL)																
N03-N (mg/l)																
Ec (umhos/cm)																
Minerals (see attached)																
<b>WELL NO. 5</b>																
DELIVERY (GAL)																
N03-N (mg/l)																
Ec (umhos/cm)																
Minerals (see attached)																
<b>WELL NO. 6</b>																
DELIVERY (GAL)																
N03-N (mg/l)																
Ec (umhos/cm)																
Minerals (see attached)																
<b>WELL NO. 7</b>																
DELIVERY (GAL)																
N03-N (mg/l)																
Ec (umhos/cm)																
Minerals (see attached)																
<b>TOTAL DELIVERY (GAL)</b>																
<b>WEIGHTED AVERAGE</b>																
N03-N (mg/l)																
Ec (umhos/cm)																
	#VALUE!	#DIV/0!	#DIV/0!	#DIV/0!												
	#VALUE!	#DIV/0!	#DIV/0!	#DIV/0!												

252 AS

Submitted by: *Lony Uras* Date 11-30-08

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



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

October 21, 2008

Work Order #: 8J08032

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

RE: Malaga Water Department

Enclosed are the analytical results for samples received by our laboratory on 10/08/08 . For your reference, these analyses have been assigned laboratory work order number 8J08032.

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

OCT 31 2008



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 Water Department Project Number: Analytical Services Project Manager: Richard Ochoa	Reported: 10/21/08
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**Analytical Report for Work Order 8J08032**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
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**Well #1** Sampled: 10/08/08 13:25 **8J08032-01 (Drinking Water - Public/Routine)**

Specific Conductance (EC)	380	1.0	µS/cm	1	T8J0914	10/09/08	10/09/08	EPA 120.1
Nitrate as NO3	21	2.0	mg/L	1	T8J0809	10/08/08	10/09/08	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T8J0908	10/08/08	10/09/08	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T8J0908	10/08/08	10/09/08	SM9223B

**Well #6** Sampled: 10/08/08 13:40 **8J08032-02 (Drinking Water - Public/Routine)**

Specific Conductance (EC)	260	1.0	µS/cm	1	T8J0914	10/09/08	10/09/08	EPA 120.1
Nitrate as NO3	12	2.0	mg/L	1	T8J0809	10/08/08	10/09/08	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T8J0908	10/08/08	10/09/08	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T8J0908	10/08/08	10/09/08	SM9223B

**Well #7** Sampled: 10/08/08 14:10 **8J08032-03 (Drinking Water - Public/Routine)**

Specific Conductance (EC)	220	1.0	µS/cm	1	T8J0914	10/09/08	10/09/08	EPA 120.1
Nitrate as NO3	10	2.0	mg/L	1	T8J0809	10/08/08	10/09/08	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T8J0908	10/08/08	10/09/08	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T8J0908	10/08/08	10/09/08	SM9223B

**HAASE** Sampled: 10/08/08 12:45 **8J08032-04 (Drinking Water - Public/Routine)**

Total Coliforms	Absent		N/A	1	T8J0908	10/08/08	10/09/08	SM9223B
E. Coli	Absent		N/A	1	T8J0908	10/08/08	10/09/08	SM9223B

**Notes and Definitions**

- \_MPN < 1.0
- \_A Absent
- 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

*Quality Control Data Available Upon Request*

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.*

OCT 31 2008

Month: OCTOBER Year: 2008

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

DATE	DAY	INFLUENT CONSTITUENT					SECONDARY EFFLUENT CONSTITUENT											
		Parshall Flume Flow MGD	Recirculated Grit Flow MGD	TOTAL FLOW (Galc.) MGD	BOD mg/L weekly	MDL mg/L weekly	TSS mg/L weekly	MDL mg/L weekly	FLOW MGD (Q)	EC umhos/cm max	BOD mg/L 40° ave	MDL mg/L	BOD lb/d (calc.) +0.284	TSS mg/L 40° ave	MDL mg/L	TSS lb/d (calc.) +0.284	SS m/L ave	MDL mg/L
1	W	0.83	0.1	0.73				0.233	650			0.00						
2	Th	0.75	0.1	0.65				0.208	640			0.00						
3	F	0.8	0.1	0.70				0.250	690			0.00						
4	S	0.7	0.1	0.60				0.150	710			0.00						
5	S	0.69	0.1	0.59				0.166	680			0.00						
6	M	0.77	0.1	0.67				0.232	680			0.00						
7	Tu	0.6	0.1	0.70	180		300	0.260	650	1		2.17	4		8.70	ND		
8	W	0.76	0.1	0.66				0.242	660			0.00						
9	Th	0.77	0.1	0.67				0.206	680			0.00						
10	F	0.73	0.1	0.63				0.266	690			0.00						
11	S	0.55	0.1	0.45				-0.010	690			0.00						
12	S	0.56	0.1	0.46				0.028	680			0.00						
13	M	0.7	0.1	0.60				0.156	640			0.00						
14	Tu	0.7	0.1	0.60				0.228	820			0.00						
15	W	0.7	0.1	0.60	150		260	0.277	690	1.2		10			19.00	ND		
16	Th	0.73	0.1	0.63				0.148	690			0.00						
17	F	0.69	0.1	0.59				0.140	720			0.00						
18	Sun	0.65	0.1	0.55				0.143	720			0.00						
19	Sun	0.65	0.1	0.55				0.320	700			0.00						
20	M	0.72	0.1	0.62				0.249	690			0.00						
21	Tu	0.72	0.1	0.63				0.314	650			0.00						
22	W	0.75	0.1	0.65				0.267	640			2.23	3.4		8.02	ND		
23	Th	0.75	0.1	0.65	89		320	0.267	640	1		2.23						
24	F	0.72	0.1	0.62				0.221	610			0.00						
25	S	0.63	0.1	0.53				0.151	715			0.00						
26	S	0.66	0.1	0.56				0.189	670			0.00						
27	M	0.74	0.1	0.64				0.274	650			0.00						
28	Tu	0.73	0.1	0.63				0.254	640			0.00						
29	W	0.68	0.1	0.58				0.191	710			0.00						
30	Th	0.93	0.1	0.83				0.446	690			0.00						
31	F	0.96	0.1	0.86	62		410	0.451	630	1		3.76	2		4.72	ND		
TOTAL		22.59	3.10	19.49	481		1280	6.92	674	1.1		0.33	4.9		10.11	ND		
AVE		0.73	0.10	0.63	120		323	0.223	674	1.1		0.33	4.9		10.11	ND		
DAILY MAX		0.96	0.10	0.86	180		410	0.451	820	1.2		3.76	10.0		19.00	ND		
DAILY MEAN		0.96	0.10	0.86	180		410	0.451	820	1.2		3.76	10.0		19.00	ND		

Submitted by: *Jenny Morales* 11-30-08

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. Settlesable Solids MCL is 0.2 mL/L average monthly. Daily maximum is 1.0 mL/L.

Month:

Month: October / Year: 2008

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

DATE	Quarterly		Annually												
	NITRATE (as N) mg/L	MDL	General Minerals												
Discharge Limits			Boron (B) mg/L	Calcium (Ca) mg/L	Iron (Fe) mg/L	Magnesium (Mg) mg/L	Potassium (K) mg/L	Sodium (Na) mg/L	Chloride mg/L	Manganese (Mn) mg/L	Phosphorus (P) mg/L	Total Alkalinity	Hardness	Calcium Anion Balance	
1															
2															
3															
4															
5															
6															
7	20														
8															
9															
10															
11															
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22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
TOTAL	20														
DAILY	20														
MAX	20														
MEAN															

Month: October Year: 2008

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	TOTAL FLOW		pH	EC	MDL	TEMP	TOTAL RESIDUAL CL	SS	MDL	BOD	MDL	BOD	BOD	TSS	MDL	TSS	TSS	Turbidity	Total Coliform	MDL	Ammonia Nitrogen	pH at Sample Collection	Ammonia lbs/day	TDS	Nitrate	Nitrite	Total Nitrogen	Aluminum (Al)	
		MGD	MGD																											mg/L
1	W	0.447		7.3	660		81	<0.01	ND		10	5	38	89%	10	5	38	89.5%	2	2.2	2	1.3			450					
2	Th	0.442		7.5	660		76	<0.01	ND											2										
3	F	0.45		7.3	700		76	<0.01	ND																					
4	S	0.45		7.8	760		72	<0.01	ND																					
5	S	0.424		8.3	790		72	<0.01	ND																					
6	M	0.438		7.4	660		77	<0.01	ND																					
7	Th	0.44		7.6	730		76	<0.01	ND																					
8	W	0.418		7.5	660		74	<0.01	ND																					
9	Th	0.461		7.3	740		74	<0.01	ND																					
10	F	0.362		7.1	770		73	<0.01	ND																					
11	S	0.46		7.3	830		66	<0.01	ND																					
12	S	0.432		8.3	840		65	<0.01	ND																					
13	M	0.445		7.1	660		76	<0.01	ND		3.9																			
14	Th	0.371		8.2	650		68	<0.01	ND																					
15	W	0.378		7.9	780		68	<0.01	ND																					
16	Th	0.359		7.4	740		70	<0.01	ND																					
17	F	0.442		7.4	750		77	<0.01	ND																					
18	S	0.45		8.0	840		70	<0.01	ND																					
19	S	0.407		7.8	860		79	<0.01	ND																					
20	M	0.3		7.6	810		76	<0.01	ND																					
21	Th	0.384		7.3	650		77	<0.01	ND																					
22	W	0.335		7.3	700		72	<0.01	ND																					
23	Th	0.383		7.5	730		72	<0.01	ND																					
24	F	0.399		7.1	690		73	<0.01	ND		1.6																			
25	S	0.379		7.7	710		71	<0.01	ND																					
26	S	0.391		7.6	750		70	<0.01	ND																					
27	M	0.366		7.4	690		76	<0.01	ND																					
28	Th	0.378		7.4	690		73	<0.01	ND																					
29	W	0.389		7.4	780		72	<0.01	ND																					
30	Th	0.384		7.0	690		74	<0.01	ND																					
31	F	0.409		8.0	900		67	<0.01	ND		1																			
TOTAL		12.569					73		ND		3.9																			
AVE		0.4055		7.5	737		81	<0.01	ND		2.1																			
DAILY MAX		0.461		8.3	900		81	<0.01	ND		3.9																			
MEAN											2.1																			

Submitted by *Jerry Wheeler* Date *11-30-08*

- NOTES:
1. BOD Removal to be calculated using mean values.
  2. Chlorine residual must be monitored with a method sensitive to and accurate at the permitted level of 0.01 mg/L.
  3. Daily maximum 35 mg/L. Weekly average 18 mg/L.
  4. 2.2 MPPM/00ml, 99 7 day median, shall not exceed; 23 MPPM/100 ml more than once in any month; 240 MPPM/100 ml at any time
  5. Interim effluent limitations.
  6. WDR Compliance indicated by "YES" answer.





Month: October / Year: 2008

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-2

DATE	DAY	Daily										Monthly										Annually									
		TOTAL FLOW MGD	pH	EC umhos/cm	TEMP deg F	TOTAL RESIDUAL CL. mg/L	DO mg/L	Turbidity NTU	Ammonia Nitrogen (NH-N) mg/L	Ammonia Un-ionized (as N) mg/L	Nitrate NO <sub>3</sub> -N mg/L	TKN (as N) mg/L	Aluminum (Al) mg/L	Phosphorous Total (P) mg/L	Fecal Coliform MPN/100 ml	TDS mg/L	Sulfate (SO <sub>4</sub> ) mg/l	Potassium (K) mg/L	Calcium (Ca) mg/L	Magnesium (Mg) mg/L	Boron mg/L	Iron mg/L	Sodium (Na) mg/L	Chloride mg/L							
Not Applicable			>8.3		Δ±0.5°	<0.01	<5.0	<1	Δ±0.025																						
1	W	0.447	7.8	750	81	<0.01																									
2	Th	0.442	7.6	745	85	<0.01																									
3	F	0.45	7.8	768	76	<0.01																									
4	S	0.45	7.8	810	76	<0.01																									
5	S	0.424	8.2	849	72	<0.01																									
6	M	0.438	7.6	680	73	<0.01																									
7	Tu	0.44	7.6	759	77	<0.01																									
8	W	0.418	7.5	769	82	<0.01																									
9	Th	0.461	7.8	846	74	<0.01																									
10	F	0.362	8.1	935	71	<0.01																									
11	S	0.46	7.5	929	65	<0.01																									
12	S	0.432	8.2	904	62	<0.01																									
13	M	0.445	8.2	769	73	<0.01																									
14	Tu	0.371	7.9	890	68	<0.01																									
15	W	0.378	7.9	848	68	<0.01																									
16	Th	0.359	7.8	730	68	<0.01	1.6	<1.0	<0.019	19	2.6	0.06	<1.0																		
17	F	0.442	8	897	75	<0.01																									
18	S	0.45	8	896	70	<0.01																									
19	S	0.407	7.5	735	70	<0.01																									
20	M	0.3	7.4	806	76	<0.01																									
21	Tu	0.381	7.3	838	71	<0.01																									
22	W	0.336	7.3	766	72	<0.01																									
23	Th	0.383	7.8	720	75	<0.01																									
24	F	0.399	7.6	700	69	<0.01																									
25	S	0.379	7.4	758	69	<0.01																									
26	S	0.391	7.6	793	67	<0.01																									
27	M	0.366	7.7	765	73	<0.01																									
28	Tu	0.376	7.5	713	78	<0.01																									
29	W	0.389	7.6	778	76	<0.01																									
30	Th	0.384	7.3	765	74	<0.01																									
31	F	0.409	7.9	1080	66	<0.01	7.6																								
TOTAL		12.57	7.7	806	72	<0.01																									
AVE		0.406	7.7	806	72	<0.01																									
DAILY MAX		61	8.2	1080	85	<0.01																									
MEAN																															

Submitted by *Jay W. Woods* Date *11-30-08*

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

RECEIVING WATER CONDITIONS REPORT

October

	R-1	R-2
WEEK 1 (Date)	10/2/2008	10/2/2008
Sample Time	no flow	9:am
Floating or suspended matter (Y,N)		N
Discoloration (Y,N)		N
Bottom deposits (Y,N)		N
Aquatic life (Y,N)		N
Visible films, sheens, coatings (Y,N)		N
Fungal, slimies, or objectionable growths (Y,N)		N
Potential nuisance conditions (Y,N)		N
WEEK 2 (Date)	10/7/2008	10/7/2008
Sample Time	no flow	2:pm
Floating or suspended matter (Y,N)		N
Discoloration (Y,N)		N
Bottom deposits (Y,N)		N
Aquatic life (Y,N)		N
Visible films, sheens, coatings (Y,N)		N
Fungal, slimies, or objectionable growths (Y,N)		N
Potential nuisance conditions (Y,N)		N
WEEK 3 (Date)	10/18/2008	10/18/2008
Sample Time	no flow	9:am
Floating or suspended matter (Y,N)		N
Discoloration (Y,N)		N
Bottom deposits (Y,N)		N
Aquatic life (Y,N)		N
Visible films, sheens, coatings (Y,N)		N
Fungal, slimies, or objectionable growths (Y,N)		N
Potential nuisance conditions (Y,N)		N
WEEK 4 (Date)	10/21/2008	10/21/2008
Sample Time	no flow	11:am
Floating or suspended matter (Y,N)		N
Discoloration (Y,N)		N
Bottom deposits (Y,N)		N
Aquatic life (Y,N)		N
Visible films, sheens, coatings (Y,N)		N
Fungal, slimies, or objectionable growths (Y,N)		N
Potential nuisance conditions (Y,N)		N
WEEK 5 (Date)	10/31/2008	10/31/2008
Sample Time	no flow	9:30am
Floating or suspended matter (Y,N)		N
Discoloration (Y,N)		N
Bottom deposits (Y,N)		N
Aquatic life (Y,N)		N
Visible films, sheens, coatings (Y,N)		N
Fungal, slimies, or objectionable growths (Y,N)		N
Potential nuisance conditions (Y,N)		N

Submitted by Steve W. Wells Date: 11-30-08

NOTE: Y=Yes  
 N=No



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

October 20, 2008

Work Order #: 8J02012

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 10/02/08 . For your reference, these analyses have been assigned laboratory work order number 8J02012.

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

OCT 31 2008



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: 10/20/2008
---	---	-------------------------

### Analytical Report for Work Order 8J02012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>					Sampled: 10/01/08 15:00 <b>8J02012-01 (Waste Water)</b>					
Specific Conductance (EC)		650	1.0	0.10	µS/cm	1	T8J0211	10/02/08	10/02/08	EPA 120.1
<b>Tertiary Effluent</b>					Sampled: 10/01/08 15:00 <b>8J02012-02 (Waste Water)</b>					
Specific Conductance (EC)		660	1.0	0.10	µS/cm	1	T8J0211	10/02/08	10/02/08	EPA 120.1
Total Dissolved Solids		450	10	3.4	mg/L	1	T8J0709	10/07/08	10/15/08	SM 2540C
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J0304	10/03/08	10/03/08	SM 2540F
<b>Final Eff.</b>					Sampled: 10/02/08 10:00 <b>8J02012-03 (Waste Water)</b>					
Specific Conductance (EC)		640	1.0	0.10	µS/cm	1	T8J0211	10/02/08	10/02/08	EPA 120.1
<b>Tertiary Eff.</b>					Sampled: 10/02/08 10:00 <b>8J02012-04 (Waste Water)</b>					
Specific Conductance (EC)		680	1.0	0.10	µS/cm	1	T8J0211	10/02/08	10/02/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J0304	10/03/08	10/03/08	SM 2540F

### Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- 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.*

OCT 31 2008



2527 Fresno Street  
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October 14, 2008

Work Order #: 8J03015

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 10/03/08 . For your reference, these analyses have been assigned laboratory work order number 8J03015.

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  
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Malaga County Water District	Project: Malaga Sewer Plant	Reported:
3580 S. Frank	Project Number: Analytical Services	10/14/2008
Fresno CA, 93725	Project Manager: Tony Morales	

### Analytical Report for Work Order 8J03015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>						Sampled: 10/03/08 09:45 <b>8J03015-01 (Waste Water)</b>				
Specific Conductance (EC)		690	1.0	0.10	µS/cm	1	T8J0604	10/03/08	10/03/08	EPA 120.1
<b>Tertiary Effluent</b>						Sampled: 10/03/08 09:45 <b>8J03015-02 (Waste Water)</b>				
Specific Conductance (EC)		700	1.0	0.10	µS/cm	1	T8J0604	10/03/08	10/03/08	EPA 120.1
<b>Tertiary Eff.</b>						Sampled: 10/03/08 10:45 <b>8J03015-03 (Waste Water)</b>				
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J0317	10/03/08	10/03/08	SM 2540F
<b>Tertiary Eff.</b>						Sampled: 10/03/08 11:05 <b>8J03015-04 (Waste Water)</b>				
Total Coliforms		< 2	2.0		MPN/100mL	1	T8J0314	10/03/08	10/05/08	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

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OCT 20 2008



2527 Fresno Street  
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October 14, 2008

Work Order #: 8J06017

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 10/06/08. For your reference, these analyses have been assigned laboratory work order number 8J06017.

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  
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 (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: 10/14/2008
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### Analytical Report for Work Order 8J06017

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>					Sampled: 10/04/08 08:00 <b>8J06017-01 (Waste Water)</b>					
Specific Conductance (EC)		710	1.0	0.10	µS/cm	1	T8J0621	10/06/08	10/06/08	EPA 120.1
<b>Tertiary Effluent</b>					Sampled: 10/04/08 08:00 <b>8J06017-02 (Waste Water)</b>					
Specific Conductance (EC)		760	1.0	0.10	µS/cm	1	T8J0621	10/06/08	10/06/08	EPA 120.1
Total Settleable Solids	HT	ND	0.10	0.050	mL/L/Hr	1	T8J0804	10/08/08	10/08/08	SM 2540F
<b>Final Effluent</b>					Sampled: 10/05/08 08:00 <b>8J06017-03 (Waste Water)</b>					
Specific Conductance (EC)		660	1.0	0.10	µS/cm	1	T8J0621	10/06/08	10/06/08	EPA 120.1
<b>Final Effluent</b>					Sampled: 10/06/08 08:00 <b>8J06017-04 (Waste Water)</b>					
Specific Conductance (EC)		660	1.0	0.10	µS/cm	1	T8J0621	10/06/08	10/06/08	EPA 120.1
<b>Tertiary Eff.</b>					Sampled: 10/05/08 08:00 <b>8J06017-05 (Waste Water)</b>					
Specific Conductance (EC)		790	1.0	0.10	µS/cm	1	T8J0621	10/06/08	10/06/08	EPA 120.1
Total Settleable Solids	HT	ND	0.10	0.050	mL/L/Hr	1	T8J0804	10/08/08	10/08/08	SM 2540F

### Notes and Definitions

- HT This result was analyzed outside of the EPA recommended holding time.
- 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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OCT 20 2008



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Fresno, CA 93721  
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(559) 268-0740 Fax

October 16, 2008

Work Order #: 8J07014

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 10/07/08. For your reference, these analyses have been assigned laboratory work order number 8J07014.

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

OCT 24 2008



2527 Fresno Street  
 Fresno, CA 93721  
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 (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: 10/16/2008
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**Analytical Report for Work Order 8J07014**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>					Sampled: 10/06/08 17:00 <b>8J07014-01 (Waste Water)</b>						
Specific Conductance (EC)		660	1.0	0.10	µS/cm	1	T8J0707	10/07/08	10/07/08	EPA 120.1	
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J0804	10/08/08	10/08/08	SM 2540F	
<b>Tertiary Effluent Station R2</b>					Sampled: 10/06/08 14:00 <b>8J07014-02 (Waste Water)</b>						
Specific Conductance (EC)		680	1.0	0.10	µS/cm	1	T8J0707	10/07/08	10/07/08	EPA 120.1	
<b>Final Effluent</b>					Sampled: 10/07/08 10:00 <b>8J07014-03 (Waste Water)</b>						
Specific Conductance (EC)		650	1.0	0.10	µS/cm	1	T8J0707	10/07/08	10/07/08	EPA 120.1	
<b>Tertiary Effluent</b>					Sampled: 10/07/08 10:00 <b>8J07014-04 (Waste Water)</b>						
Specific Conductance (EC)		730	1.0	0.10	µS/cm	1	T8J0707	10/07/08	10/07/08	EPA 120.1	
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J0804	10/08/08	10/08/08	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

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**OCT 24 2008**



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

October 21, 2008

Work Order #: 8J08022

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 10/08/08 . For your reference, these analyses have been assigned laboratory work order number 8J08022.

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

OCT 31 2008



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: 10/21/2008
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**Analytical Report for Work Order 8J08022**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b> <span style="float:right">Sampled: 10/07/08 10:00 8J08022-01 (Waste Water)</span>										
Total Suspended Solids		300	20	5.4	mg/L	5	T8J1014	10/10/08	10/13/08	SM 2540D
Biochemical Oxygen Demand		180	100	46	mg/L	100	T8J0803	10/08/08	10/13/08	SM5210B
<b>Final Effluent</b> <span style="float:right">Sampled: 10/07/08 16:00 8J08022-02 (Waste Water)</span>										
Nitrate as Nitrogen		20	2.3		mg/L	5	[CALC]	10/09/08	10/09/08	EPA 300.0
Nitrate as NO3		89	10	1.5	mg/L	5	T8J0924	10/09/08	10/09/08	EPA 300.0
Total Suspended Solids		4.0	4.0	1.1	mg/L	1	T8J1014	10/10/08	10/13/08	SM 2540D
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J1013	10/08/08	10/08/08	SM 2540F
Biochemical Oxygen Demand		ND	1.0	0.46	mg/L	1	T8J0803	10/08/08	10/13/08	SM5210B
<b>Tertiary Effluent</b> <span style="float:right">Sampled: 10/07/08 16:00 8J08022-03 (Waste Water)</span>										
Nitrate as Nitrogen		18	2.3		mg/L	5	[CALC]	10/14/08	10/09/08	[CALC]
Nitrite as Nitrogen		ND	0.30		mg/L	1	[CALC]	10/14/08	10/09/08	[CALC]
Total Nitrogen		20	3.6		mg/L	5	[CALC]	10/14/08	10/15/08	[CALC]
Nitrite as NO2		ND	1.0	0.085	mg/L	1	T8J0809	10/08/08	10/09/08	EPA 300.0
Nitrate as NO3		78	10	1.5	mg/L	5	T8J0924	10/09/08	10/09/08	EPA 300.0
Ammonia as N	J	0.38	1.0	0.13	mg/L	1	T8J0911	10/09/08	10/13/08	EPA 350.1
Total Kjeldahl Nitrogen		2.5	1.0	0.40	mg/L	1	T8J1405	10/14/08	10/15/08	EPA 351.2
Phosphorus		5.8	0.10	0.083	mg/L	1	T8J1405	10/14/08	10/15/08	EPA 365.4
Total Suspended Solids	J	1.6	4.0	1.1	mg/L	1	T8J1014	10/10/08	10/13/08	SM 2540D
Biochemical Oxygen Demand		2.0	1.0	0.46	mg/L	1	T8J0803	10/08/08	10/13/08	SM5210B
<b>Final Effluent</b> <span style="float:right">Sampled: 10/08/08 09:30 8J08022-04 (Waste Water)</span>										
Specific Conductance (EC)		580	1.0	0.10	µS/cm	1	T8J0823	10/08/08	10/08/08	EPA 120.1
<b>Tertiary Effluent</b> <span style="float:right">Sampled: 10/08/08 09:30 8J08022-05 (Waste Water)</span>										
Specific Conductance (EC)		680	1.0	0.10	µS/cm	1	T8J0823	10/08/08	10/08/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J1013	10/08/08	10/08/08	SM 2540F

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

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OCT 31 2008



2527 Fresno Street  
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October 23, 2008

Work Order #: 8J09012

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 10/09/08 . For your reference, these analyses have been assigned laboratory work order number 8J09012.

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

OCT 31 2008



2527 Fresno Street  
 Fresno, CA 93721  
 (559) 268-7021 Phone  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/23/2008
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### Analytical Report for Work Order 8J09012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>						Sampled: 10/09/08 09:30 <b>8J09012-01 (Waste Water)</b>				
Specific Conductance (EC)		660	1.0		µS/cm	1	T8J0914	10/09/08	10/09/08	EPA 120.1
<b>Tertiary Effluent</b>						Sampled: 10/09/08 09:30 <b>8J09012-02 (Waste Water)</b>				
Specific Conductance (EC)		740	1.0		µS/cm	1	T8J0914	10/09/08	10/09/08	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T8J1020	10/10/08	10/10/08	SM 2540F
<b>Tertiary Effluent Station R2</b>						Sampled: 10/08/08 14:00 <b>8J09012-03 (Surface Water)</b>				
Turbidity		2.7	0.020		NTU	1	T8J1019	10/10/08	10/10/08	EPA 180.1
<b>Tertiary Eff.</b>						Sampled: 10/08/08 17:00 <b>8J09012-04 (Waste Water)</b>				
Turbidity		1.6	0.020		NTU	1	T8J1019	10/10/08	10/10/08	EPA 180.1
<b>Tertiary Eff.</b>						Sampled: 10/09/08 11:30 <b>8J09012-05 (Waste Water)</b>				
Total Coliforms		< 2	2.0		MPN/100mL	1	T8J1007	10/09/08	10/11/08	SM9221B/EF

#### 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.

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

October 20, 2008

Work Order #: 8J13009

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 10/13/08 . For your reference, these analyses have been assigned laboratory work order number 8J13009.

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

OCT 31 2008



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: 10/20/2008
---	---	-------------------------

### Analytical Report for Work Order 8J13009

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/10/08 16:20 8J13009-01 (Waste Water)</span>										
Total Settleable Solids	HR	ND	0.10	0.050	mL/L/Hr	1	T8J1311	10/13/08	10/13/08	SM 2540F
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/11/08 17:00 8J13009-02 (Waste Water)</span>										
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J1311	10/13/08	10/13/08	SM 2540F
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/12/08 17:00 8J13009-03 (Waste Water)</span>										
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J1311	10/13/08	10/13/08	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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October 20, 2008

Work Order #: 8J13008

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 10/13/08 . For your reference, these analyses have been assigned laboratory work order number 8J13008.

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

OCT 31 2008



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/20/2008
---	---	-------------------------

### Analytical Report for Work Order 8J13008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff.</b>										Sampled: 10/10/08 16:20 <b>8J13008-01 (Waste Water)</b>
Specific Conductance (EC)		680	1.0	0.10	µS/cm	1	T8J1306	10/13/08	10/13/08	EPA 120.1
<b>Final Eff.</b>										Sampled: 10/11/08 17:00 <b>8J13008-02 (Waste Water)</b>
Specific Conductance (EC)		690	1.0	0.10	µS/cm	1	T8J1306	10/13/08	10/13/08	EPA 120.1
<b>Final Eff.</b>										Sampled: 10/12/08 17:00 <b>8J13008-03 (Waste Water)</b>
Specific Conductance (EC)		680	1.0	0.10	µS/cm	1	T8J1306	10/13/08	10/13/08	EPA 120.1
<b>Tertiary Eff.</b>										Sampled: 10/10/08 14:15 <b>8J13008-04 (Waste Water)</b>
Specific Conductance (EC)		770	1.0	0.10	µS/cm	1	T8J1306	10/13/08	10/13/08	EPA 120.1
<b>Tertiary Eff.</b>										Sampled: 10/11/08 08:30 <b>8J13008-05 (Waste Water)</b>
Specific Conductance (EC)		830	1.0	0.10	µS/cm	1	T8J1306	10/13/08	10/13/08	EPA 120.1
<b>Tertiary Eff.</b>										Sampled: 10/12/08 08:35 <b>8J13008-06 (Waste Water)</b>
Specific Conductance (EC)		840	1.0	0.10	µS/cm	1	T8J1306	10/13/08	10/13/08	EPA 120.1

### 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

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

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October 23, 2008

Work Order #: 8J14010

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 10/14/08 . For your reference, these analyses have been assigned laboratory work order number 8J14010.

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

OCT 31 2008



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/23/2008
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### Analytical Report for Work Order 8J14010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Final Effluent</b>					Sampled: 10/13/08 08:40 8J14010-01 (Waste Water)						
Specific Conductance (EC)		640	1.0		μS/cm	1	T8J1516	10/14/08	10/14/08	EPA 120.1	
<b>Tertiary Effluent</b>					Sampled: 10/13/08 16:20 8J14010-02 (Waste Water)						
Specific Conductance (EC)		660	1.0		μS/cm	1	T8J1516	10/14/08	10/14/08	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T8J1511	10/15/08	10/15/08	SM 2540F	
<b>Final Effluent</b>					Sampled: 10/14/08 09:15 8J14010-03 (Waste Water)						
Specific Conductance (EC)		820	1.0		μS/cm	1	T8J1516	10/14/08	10/14/08	EPA 120.1	
<b>Tertiary Effluent</b>					Sampled: 10/14/08 09:15 8J14010-04 (Waste Water)						
Specific Conductance (EC)		650	1.0		μS/cm	1	T8J1516	10/14/08	10/14/08	EPA 120.1	
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T8J1511	10/15/08	10/15/08	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

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2527 Fresno Street  
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October 29, 2008

Work Order #: 8J15011

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 10/15/08 . For your reference, these analyses have been assigned laboratory work order number 8J15011.

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  
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(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: 10/29/08
---	---	-----------------------

**Malaga Sewer Plant Tertiary Eff.**  
8J15011-01 (Waste Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Inorganics</b>										
Chloride		84	20	1.5	mg/L	10	T8J1613	10/16/08	10/16/08	EPA 300.0
Cyanide (total)		ND	5.0	2.6	µg/L	1	T8J2007	10/22/08	10/24/08	SM4500CN-E
Fluoride		1.4	0.10	0.063	mg/L	1	T8J1522	10/15/08	10/15/08	EPA 300.0
<b>Metals</b>										
Aluminum		0.062	0.050	0.0059	mg/L	1	T8J1720	10/17/08	10/21/08	EPA 200.7
Boron		0.27	0.050	0.0019	mg/L	1	T8J1720	10/17/08	10/21/08	EPA 200.7
Copper		0.049	0.0050	0.0011	mg/L	1	T8J1720	10/17/08	10/21/08	EPA 200.7
<b>Semi-Volatile Organics</b>										
Diazinon		ND	0.25	0.015	µg/L	1	T8J2113	10/20/08	10/21/08	EPA 507
Surrogate: 1,3-Dimethyl-2-nitrobenzene				78.8 %	48.4-117		T8J2113	10/20/08	10/21/08	EPA 507
<b>Volatile Organics</b>										
Bromodichloromethane		60	2.5	0.25	µg/L	5	T8J2012	10/20/08	10/20/08	EPA 524.2
Bromoform		36	2.5	0.42	µg/L	5	T8J2012	10/20/08	10/20/08	EPA 524.2
Dibromochloromethane		91	2.5	0.40	µg/L	5	T8J2012	10/20/08	10/20/08	EPA 524.2
Surrogate: 4-Bromofluorobenzene				101 %	80-120		T8J2012	10/20/08	10/20/08	EPA 524.2
Surrogate: Dibromofluoromethane				108 %	80-120		T8J2012	10/20/08	10/20/08	EPA 524.2
Surrogate: Toluene-d8				95.5 %	80-120		T8J2012	10/20/08	10/20/08	EPA 524.2

**Notes and Definitions**

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
- NR Not Reported
- RPD Relative Percent Difference
- MDL Method Detection Limit



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October 28, 2008

Work Order #: 8J15013

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 10/15/08 . For your reference, these analyses have been assigned laboratory work order number 8J15013.

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



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 Fresno, CA 93721  
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Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	10/28/2008

### Analytical Report for Work Order 8J15013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>					Sampled: 10/15/08 09:00 <b>8J15013-01 (Waste Water)</b>					
Specific Conductance (EC)		700	1.0	0.10	µS/cm	1	T8J1521	10/15/08	10/15/08	EPA 120.1
<b>Tertiary Effluent</b>					Sampled: 10/15/08 09:00 <b>8J15013-02 (Waste Water)</b>					
Specific Conductance (EC)		780	1.0	0.10	µS/cm	1	T8J1521	10/15/08	10/15/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2215	10/17/08	10/17/08	SM 2540F
<b>Tertiary Effluent</b>					Sampled: 10/14/08 16:00 <b>8J15013-03 (Waste Water)</b>					
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T8J1608	10/16/08	10/16/08	SM 2540D
Biochemical Oxygen Demand		3.9	1.0	0.46	mg/L	1	T8J1510	10/15/08	10/20/08	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

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October 28, 2008

Work Order #: 8J16016

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 10/16/08 . For your reference, these analyses have been assigned laboratory work order number 8J16016.

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  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/28/2008
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**Analytical Report for Work Order 8J16016**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>										
Sampled: 10/15/08 08:00 8J16016-01 (Waste Water)										
Total Suspended Solids		260	20	5.4	mg/L	5	T8J2008	10/20/08	10/20/08	SM 2540D
Biochemical Oxygen Demand		150	30	14	mg/L	30	T8J2202	10/17/08	10/22/08	SM5210B
<b>Final Effluent</b>										
Sampled: 10/15/08 16:00 8J16016-02 (Waste Water)										
Total Suspended Solids		10	4.0	1.1	mg/L	1	T8J2008	10/20/08	10/20/08	SM 2540D
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2215	10/17/08	10/17/08	SM 2540F
Biochemical Oxygen Demand		1.2	1.0	0.46	mg/L	1	T8J2202	10/17/08	10/22/08	SM5210B
<b>Tertiary Effluent</b>										
Sampled: 10/15/08 16:00 8J16016-03 (Waste Water)										
Turbidity		0.85	0.020	0.020	NTU	1	T8J1610	10/16/08	10/16/08	EPA 180.1
<b>Tertiary Effluent</b>										
Sampled: 10/16/08 08:30 8J16016-04 (Waste Water)										
Specific Conductance (EC)		740	1.0	0.10	µS/cm	1	T8J1706	10/16/08	10/16/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2215	10/17/08	10/17/08	SM 2540F
<b>Final Effluent</b>										
Sampled: 10/16/08 08:30 8J16016-05 (Waste Water)										
Specific Conductance (EC)		690	1.0	0.10	µS/cm	1	T8J1706	10/16/08	10/16/08	EPA 120.1

**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

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

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October 29, 2008

Work Order #: 8J16017

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 10/16/08 . For your reference, these analyses have been assigned laboratory work order number 8J16017.

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



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 Fresno, CA 93721  
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 (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:  
 10/29/08

**Tertiary Eff. Station R-2**  
 8J16017-01 (Surface Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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**Inorganics**

Ammonia as N		ND	1.0	0.13	mg/L	1	T8J2303	10/23/08	10/24/08	EPA 350.1
Ammonia-Unionized		ND	0.019		mg/L	1	T8J2303	10/23/08	10/24/08	[CALC]
Specific Conductance (EC)		730	1.0	0.10	µS/cm	1	T8J1706	10/16/08	10/16/08	EPA 120.1
Nitrate as Nitrogen		19	4.5		mg/L	10	[CALC]	10/17/08	10/17/08	EPA 300.0
Nitrate as NO3		84	20	3.0	mg/L	10	T8J1713	10/17/08	10/17/08	EPA 300.0
Phosphorus		ND	0.10	0.083	mg/L	1	T8J2104	10/21/08	10/22/08	EPA 365.4
Total Kjeldahl Nitrogen		2.6	1.0	0.40	mg/L	1	T8J2104	10/21/08	10/22/08	EPA 351.2
Turbidity		1.6	0.020	0.020	NTU	1	T8J1610	10/16/08	10/16/08	EPA 180.1

**Metals**

Aluminum		0.060	0.050	0.0059	mg/L	1	T8J2306	10/23/08	10/23/08	EPA 200.7
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**Notes and Definitions**

- QM The spike recovery for this QC sample is outside of established control limits due to matrix interference.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
- NR Not Reported
- RPD Relative Percent Difference
- MDL Method Detection Limit



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October 23, 2008

Work Order #: 8J17016

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 10/17/08. For your reference, these analyses have been assigned laboratory work order number 8J17016.

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

OCT 31 2008



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/23/2008
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### Analytical Report for Work Order 8J17016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>					Sampled: 10/17/08 08:00 8J17016-01 (Waste Water)					
Specific Conductance (EC)		660	1.0		µS/cm	1	T8J1710	10/17/08	10/17/08	EPA 120.1
<b>Tertiary Effluent</b>					Sampled: 10/17/08 08:00 8J17016-02 (Waste Water)					
Total Settleable Solids	HT	ND	0.10		mL/L/Hr	1	T8J2216	10/22/08	10/22/08	SM 2540F
<b>Tertiary Eff.</b>					Sampled: 10/17/08 10:00 8J17016-03 (Waste Water)					
Total Coliforms		300	2.0		MPN/100mL	1	T8J1719	10/17/08	10/19/08	SM9221B/E/F

#### Notes and Definitions

- HT This result was analyzed outside of the EPA recommended holding time.
- 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



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October 29, 2008

Work Order #: 8J20013

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 10/20/08 . For your reference, these analyses have been assigned laboratory work order number 8J20013.

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 horizontal line.

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: 10/29/2008
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### Analytical Report for Work Order 8J20013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/17/08 16:00 8J20013-01 (Waste Water)</span>										
Specific Conductance (EC)		750	1.0	0.10	µS/cm	1	T8J2111	10/20/08	10/20/08	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/18/08 08:00 8J20013-02 (Waste Water)</span>										
Specific Conductance (EC)		840	1.0	0.10	µS/cm	1	T8J2111	10/20/08	10/20/08	EPA 120.1
Total Settleable Solids	HR	ND	0.10	0.050	mL/L/Hr	1	T8J2123	10/21/08	10/21/08	SM 2540F
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/18/08 08:00 8J20013-03 (Waste Water)</span>										
Specific Conductance (EC)		720	1.0	0.10	µS/cm	1	T8J2111	10/20/08	10/20/08	EPA 120.1
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/19/08 08:00 8J20013-04 (Waste Water)</span>										
Specific Conductance (EC)		720	1.0	0.10	µS/cm	1	T8J2111	10/20/08	10/20/08	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/19/08 08:00 8J20013-05 (Waste Water)</span>										
Specific Conductance (EC)		860	1.0	0.10	µS/cm	1	T8J2111	10/20/08	10/20/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2123	10/21/08	10/21/08	SM 2540F
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/20/08 08:00 8J20013-06 (Waste Water)</span>										
Specific Conductance (EC)		700	1.0	0.10	µS/cm	1	T8J2111	10/20/08	10/20/08	EPA 120.1

### 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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NOV 10 2008



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October 29, 2008

Work Order #: 8J21016

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 10/21/08 . For your reference, these analyses have been assigned laboratory work order number 8J21016.

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  
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(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: 10/29/2008
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**Analytical Report for Work Order 8J21016**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Eff</b>					Sampled: 10/20/08 14:30 <b>8J21016-01 (Waste Water)</b>						
Specific Conductance (EC)		810	1.0	0.10	µS/cm	1	T8J2125	10/21/08	10/21/08	EPA 120.1	
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2216	10/22/08	10/22/08	SM 2540F	
<b>Final Eff.</b>					Sampled: 10/21/08 08:00 <b>8J21016-02 (Waste Water)</b>						
Specific Conductance (EC)		690	1.0	0.10	µS/cm	1	T8J2125	10/21/08	10/21/08	EPA 120.1	
<b>Tertiary Eff.</b>					Sampled: 10/21/08 09:00 <b>8J21016-03 (Waste Water)</b>						
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2216	10/22/08	10/22/08	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

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October 29, 2008

Work Order #: 8J22019

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 10/22/08. For your reference, these analyses have been assigned laboratory work order number 8J22019.

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



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/29/2008
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**Analytical Report for Work Order 8J22019**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Eff</b>					Sampled: 10/21/08 14:30 <b>8J22019-01 (Waste Water)</b>					
Specific Conductance (EC)		650	1.0	0.10	µS/cm	1	T8J2219	10/22/08	10/22/08	EPA 120.1
Turbidity		2.4	0.020	0.020	NTU	1	T8J2323	10/23/08	10/23/08	EPA 180.1
<b>Tertiary Eff</b>					Sampled: 10/22/08 08:00 <b>8J22019-02 (Waste Water)</b>					
Specific Conductance (EC)		700	1.0	0.10	µS/cm	1	T8J2219	10/22/08	10/22/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2410	10/24/08	10/24/08	SM 2540F
<b>Final Eff</b>					Sampled: 10/22/08 08:00 <b>8J22019-03 (Waste Water)</b>					
Specific Conductance (EC)		650	1.0	0.10	µS/cm	1	T8J2219	10/22/08	10/22/08	EPA 120.1

**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

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

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October 30, 2008

Work Order #: 8J23015

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 10/23/08 . For your reference, these analyses have been assigned laboratory work order number 8J23015.

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



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/30/2008
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### Analytical Report for Work Order 8J23015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Eff.</b>						Sampled: 10/23/08 08:00 8J23015-01 (Waste Water)				
Specific Conductance (EC)		730	1.0	0.10	µS/cm	1	T8J2313	10/23/08	10/23/08	EPA 120.1
Total Suspended Solids		5.6	4.0	1.1	mg/L	1	T8J2709	10/27/08	10/27/08	SM 2540D
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2410	10/24/08	10/24/08	SM 2540F
Biochemical Oxygen Demand		1.6	1.0	1.0	mg/L	1	T8J2403	10/24/08	10/29/08	SM5210B
<b>Final Eff.</b>						Sampled: 10/23/08 08:00 8J23015-02 (Waste Water)				
Specific Conductance (EC)		640	1.0	0.10	µS/cm	1	T8J2313	10/23/08	10/23/08	EPA 120.1
<b>Tertiary Eff. Station R-2</b>						Sampled: 10/23/08 11:00 8J23015-03 (Surface Water)				
Specific Conductance (EC)		720	1.0	0.10	µS/cm	1	T8J2313	10/23/08	10/23/08	EPA 120.1
Fecal Coliforms		50	2.0		MPN/100ml	1	T8J2406	10/23/08	10/24/08	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



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October 30, 2008

Work Order #: 8J24010

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 10/24/08 . For your reference, these analyses have been assigned laboratory work order number 8J24010.

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



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 10/30/2008
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### Analytical Report for Work Order 8J24010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b> <span style="float: right;">Sampled: 10/23/08 08:00 8J24010-01 (Waste Water)</span>										
Total Suspended Solids		320	20	5.4	mg/L	5	T8J2709	10/27/08	10/27/08	SM 2540D
Biochemical Oxygen Demand		89	30	30	mg/L	30	T8J2403	10/24/08	10/29/08	SM5210B
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/23/08 16:00 8J24010-02 (Waste Water)</span>										
Total Suspended Solids	J	3.4	4.0	1.1	mg/L	1	T8J2709	10/27/08	10/27/08	SM 2540D
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2714	10/24/08	10/24/08	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T8J2403	10/24/08	10/29/08	SM5210B
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/24/08 08:00 8J24010-03 (Waste Water)</span>										
Specific Conductance (EC)		610	1.0	0.10	µS/cm	1	T8J2713	10/24/08	10/24/08	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/24/08 08:00 8J24010-04 (Waste Water)</span>										
Specific Conductance (EC)		690	1.0	0.10	µS/cm	1	T8J2713	10/24/08	10/24/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.050	mL/L/Hr	1	T8J2714	10/24/08	10/24/08	SM 2540F
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/24/08 09:00 8J24010-05 (Waste Water)</span>										
Total Coliforms		< 2	2.0		MPN/100ml	1	T8J2501	10/24/08	10/26/08	SM9221B/E/F

### Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- \_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

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November 10, 2008

Work Order #: 8J27016

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 10/27/08 . For your reference, these analyses have been assigned laboratory work order number 8J27016.

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  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 11/10/2008
---	---	-------------------------

### Analytical Report for Work Order 8J27016

Analyte	Qual. Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Teritary Eff.</b> <span style="float: right;">Sampled: 10/25/08 08:20 8J27016-01 (Waste Water)</span>									
Specific Conductance (EC)	710	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/25/08 16:50 8J27016-02 (Waste Water)</span>									
Specific Conductance (EC)	660	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
<b>Teritary Eff.</b> <span style="float: right;">Sampled: 10/25/08 16:50 8J27016-03 (Waste Water)</span>									
Total Settlicable Solids	ND	0.10	0.10	mL/L/Hr	1	T8J2717	10/27/08	10/27/08	SM 2540F
<b>Teritary Eff.</b> <span style="float: right;">Sampled: 10/26/08 08:25 8J27016-04 (Waste Water)</span>									
Specific Conductance (EC)	750	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
<b>Teritary Eff.</b> <span style="float: right;">Sampled: 10/26/08 17:15 8J27016-05 (Waste Water)</span>									
Total Settleable Solids	ND	0.10	0.10	mL/L/Hr	1	T8J2717	10/27/08	10/27/08	SM 2540F
<b>Final Eff.</b> <span style="float: right;">Sampled: 10/26/08 17:15 8J27016-06 (Waste Water)</span>									
Specific Conductance (EC)	670	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1

#### 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

Moore Twining Associates, Inc.

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

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November 10, 2008

Work Order #: 8J28007

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 10/28/08. For your reference, these analyses have been assigned laboratory work order number 8J28007.

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  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 11/10/2008
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**Analytical Report for Work Order 8J28007**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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**Tertiary Effluent**

Sampled: 10/27/08 10:37 **8J28007-01 (Waste Water)**

Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T8J2904	10/29/08	10/29/08	SM 2540F

**Final Eff.**

Sampled: 10/27/08 10:37 **8J28007-02 (Waste Water)**

Specific Conductance (EC)		650	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
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**Tertiary Effluent**

Sampled: 10/28/08 09:30 **8J28007-03 (Waste Water)**

Specific Conductance (EC)		690	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T8J2904	10/29/08	10/29/08	SM 2540F

**Final Eff.**

Sampled: 10/28/08 09:30 **8J28007-04 (Waste Water)**

Specific Conductance (EC)		640	1.0	1.0	µS/cm	1	T8J2816	10/28/08	10/28/08	EPA 120.1
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**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

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November 10, 2008

Work Order #: 8J29014

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 10/29/08 . For your reference, these analyses have been assigned laboratory work order number 8J29014.

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  
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 (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: 11/10/2008
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**Analytical Report for Work Order 8J29014**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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**Final Effluent**

Sampled: 10/29/08 09:00 8J29014-01 (Waste Water)

Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T8J3019	10/29/08	10/29/08	EPA 120.1
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**Tertiary Effluent**

Sampled: 10/29/08 09:00 8J29014-02 (Waste Water)

Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T8J3019	10/29/08	10/29/08	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T8J3005	10/30/08	10/30/08	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	%REC Limits	RPD	RPD Limit
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**Batch T8J3019**

<b>Blank (T8J3019-BLK1)</b>										Prepared & Analyzed: 10/29/08
Specific Conductance (EC)		ND	1.0	µS/cm						
<b>LCS (T8J3019-BS1)</b>										Prepared & Analyzed: 10/29/08
Specific Conductance (EC)		505	1.0	µS/cm	500	101	80-120		20	
<b>LCS Dup (T8J3019-BSD1)</b>										Prepared & Analyzed: 10/29/08
Specific Conductance (EC)		506	1.0	µS/cm	500	101	80-120	0.198	20	
<b>Duplicate (T8J3019-DUP1)</b>										Source: 8J29002-01 Prepared & Analyzed: 10/29/08
Specific Conductance (EC)		1050	1.0	µS/cm		1060		1.23	20	

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

November 11, 2008

Work Order #: 8J30015

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 10/30/08 . For your reference, these analyses have been assigned laboratory work order number 8J30015.

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. Bequist  
Director of Analytical Chemistry



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

Málaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 11/11/2008
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**Analytical Report for Work Order 8J30015**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b> <span style="float: right;">Sampled: 10/30/08 08:00 8J30015-01 (Waste Water)</span>										
Specific Conductance (EC)		690	1.0	1.0	µS/cm	1	T8J3020	10/30/08	10/30/08	EPA 120.1
<b>Tertiary Effluent</b> <span style="float: right;">Sampled: 10/30/08 08:00 8J30015-02 (Waste Water)</span>										
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T8J3020	10/30/08	10/30/08	EPA 120.1
Total Settlicable Solids		ND	0.10	0.10	mL/L/Hr	1	T8K0403	10/31/08	10/31/08	SM 2540F
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 10/29/08 17:00 8J30015-03 (Waste Water)</span>										
Turbidity		1.1	0.020	0.020	NTU	1	T8K0308	10/31/08	10/31/08	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

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

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November 11, 2008

Work Order #: 8J31010

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 10/31/08 . For your reference, these analyses have been assigned laboratory work order number 8J31010.

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  
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 (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: 11/11/2008
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**Analytical Report for Work Order 8J31010**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>										
						Sampled: 10/31/08 09:00 8J31010-01 (Waste Water)				
Total Suspended Solids		410	40	11	mg/L	10	T8K0406	11/04/08	11/05/08	SM 2540D
Biochemical Oxygen Demand		62	30	30	mg/L	30	T8K0314	10/31/08	11/05/08	SM5210B
<b>Final Effluent</b>										
						Sampled: 10/31/08 09:30 8J31010-02 (Waste Water)				
Specific Conductance (EC)		630	1.0	1.0	µS/cm	1	T8J3112	10/31/08	10/31/08	EPA 120.1
Total Suspended Solids	J	2.0	4.0	1.1	mg/L	1	T8K0406	11/04/08	11/05/08	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T8K0403	10/31/08	10/31/08	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T8K0314	10/31/08	11/05/08	SM5210B
<b>Tertiary Effluent</b>										
						Sampled: 10/31/08 10:10 8J31010-03 (Waste Water)				
Specific Conductance (EC)		900	1.0	1.0	µS/cm	1	T8J3112	10/31/08	10/31/08	EPA 120.1
Total Suspended Solids		18	5.0	1.3	mg/L	1.25	T8K0406	11/04/08	11/05/08	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T8K0403	10/31/08	10/31/08	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T8K0314	10/31/08	11/05/08	SM5210B
Total Coliforms		<2	2.0		MPN/100mL	1	T8J3118	10/31/08	11/02/08	SM9221B/E/F

**Notes and Definitions**

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- BS The recovery observed in this Blank Spike QC sample is outside established control limits.
- 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.  
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