

# **EXHIBIT 26**

RECEIVED

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

MAY 20 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 April / Year 2008. The report includes the following subjects:

- 1) Influent Monitoring and Secondary Effluent Monitoring (monthly report)
- 2) Tertiary Effluent Monitoring (monthly report) and some Acute Toxicity lab testing result information. Have to resample for Chronic Toxicity lab testing.
- 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 information attached with this report.

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.

MONITORING REPORT REVIEW

Engineer DAB

Compliance Yes  no

Date Reviewed 10 MAR 2009

*JKW - 4/1/10*

Jony Morales  
Malaga Wastewater Treatment Plant Operator

5-20-08  
Date



MALAGA COUNTY WATER DISTRICT  
 WASTEWATER TREATMENT PLANT  
 MONITORING AND REPORTING PROGRAM NO. 99-100  
 WATER SUPPLY MONITORING

WDR Order No. 99-100  
 NPDES No. CA0084239  
 Identifier BVV7-42B  
 phone: (559) 485-7353

YEAR: 2008

	JAN		FEB		MAR		QUARTER TOTAL	APR		MAY	JUN	QUARTER TOTAL	JUL	AUG	SEP	QUARTER TOTAL	OCT	NOV	DEC	QUARTER TOTAL	ANNUAL TOTAL	
	Date Sampled =							4/30/2008														
<b>WELL NO. 1</b>																						
DELIVERY (GAL)	4,609,000	4,147,000	10,450,000	35,626,000	41,631,000																	
N03-N (mg/l)	20	20	20		19																	
Detection Limit for Reporting	2	2	2		2																	
Ec (umhos/cm)	380	400	420		400																	
Detection Limit for Reporting	1	1	1		1																	
Minerals (see attached)																						
<b>WELL NO. 4</b>																						
DELIVERY (GAL)	0	0	0	0	0																	
N03-N (mg/l)	2	2	2		2																	
Detection Limit for Reporting	1	1	1		1																	
Ec (umhos/cm)	1	1	1		1																	
Detection Limit for Reporting																						
Minerals (see attached)																						
<b>WELL NO. 6</b>																						
DELIVERY (GAL)	11,922,000	10,866,000	14,398,000	31,644,000	15,255,000																	
N03-N (mg/l)	14	14	13		14																	
Detection Limit for Reporting	2	2	2		2																	
Ec (umhos/cm)	310	340	300		330																	
Detection Limit for Reporting	1	1	1		1																	
Minerals (see attached)																						
<b>WELL NO. 7</b>																						
DELIVERY (GAL)	19,085,000	16,631,000	21,199,000	35,597,000	0																	
N03-N (mg/l)	10	10	10		10																	
Detection Limit for Reporting	2	2	2		2																	
Ec (umhos/cm)	260	280	270		270																	
Detection Limit for Reporting	1	1	1		1																	
Minerals (see attached)																						
<b>TOTAL DELIVERY (GAL)</b>	35,626,000	31,644,000	46,047,000	102,867,000	56,886,000																	
<b>WEIGHTED AVERAGE</b>																						
N03-N (mg/l)	12	12	13		12																	
Ec (umhos/cm)	292	316	313		381																	

Submitted by: *Jenny Weeks* Date: 5-20-08

NOTES:  
 SAMPLES FOR EC AND N03-N ARE TAKEN QUARTERLY  
 SAMPLES FOR MINERALS ARE TAKEN ANNUALLY  
 WELL NO. 2 DOES NOT EXIST  
 WELLS NO. 3 & NO. 5 NOT ACTIVE

MALAGA COUNTY WATER DISTRICT  
WASTEWATER TREATMENT PLANT  
MONITORING AND REPORTING PROGRAM NO. 99-100  
EVAPORATION/PERCOLATION POND MONITORING MONTHLY REPORT

Month: April / Year: 2008

DATE	POND1		POND2		POND3		POND4		POND5		POND6		POND7		POND8	
	DO mg/l	FRB ft														
DISCHARGE LIMIT	1.0 min.	2 ft. min.														
1																
2																
3																
4	6.8	0.83	8.2	1.08	6.6	0.83	6.4	1	6.9	0.83	5.3	1	8.2	0.83	3	0.91
5																
6																
7																
8																
9																
10																
11	9	1.08	8.2	1	9.4	0.83	10	1	8.6	0.83	13.7	0.91	13	0.75	6	0.83
12																
13																
14																
15																
16																
17																
18	7.6	1.08	8.1	0.91	16.5	0.83	6.5	0.91	17.5	0.75	12.2	0.91	7	0.75	8.9	0.75
19																
20																
21																
22																
23																
24																
25	17.1	1	8.1	1.2	14	1.3	7.9	1.2	16.2	1.5	13.6	1.5	6.2	1.5	9.4	1.3
26																
27																
28																
29																
30																
31																

Pond Observations:

Submitted by: Jenny Morales Date: 5-20-08

MALAGA COUNTY WATER DISTRICT  
 WASTEWATER TREATMENT PLANT  
 MONITORING AND REPORTING PROGRAM NO.99-100  
 NPDES NO. CA 0084239  
 EVAPORATION /PERCOLATION POND MONITORING MONTHLY REPORT

Month: April / Year: 2008

	POND 1	POND 2	POND 3	POND 4	POND 5	POND 6	POND 7	POND 8
WEEK 1								
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	clear	clear	clear	clear	light green	clear
WEEK 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	clear	clear	clear	clear	clear	light green	light green	clear
WEEK 3								
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	light green	clear	light green	light green	light green	clear
WEEK 4								
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	clear	light green	light green	light green	clear
WEEK 5								
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	clear	clear	light green	clear	clear
WEEK 6								
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	clear	clear	light green	clear	clear

Submitted by Jenny Morales Date: 5-20-08 NOTE: Y=Yes  
 N=No

Date : April / Year : 2008

MALAGA COUNTY WATER DISTRICT  
 WASTEWATER TREATMENT PLANT  
 MONITORING AND REPORTING PROGRAM NO. 99-100  
 NPDES NO. CA 0084239  
 RECEIVING WATER MONITORING MONTHLY REPORT

DATE	DAY	TOTAL FLOW MGD	MAX FLOW MGD	pH	DLR EC umhos/cm	DLR TEMP deg F	DLR TOTAL RES CL mg/l	DLR DO mg/l	DLR AMMONIA mg/l	DLR Fecal Col. MPN/100ml	DLR NO3-N mg/l	DLR TKN mg/l	DLR TOTAL P mg/l	DLR Turbidity NTU	DLR Minerals mg/l annually
1	Tu	71.08		7.2	less than 60	52	less than 0.1	Note a	less than 1				0.11		
2	w	65.5		7.7	57	60	0.1								
3	th	73.03		8	54	58	0.1								
4	f	74.32		7.2	55	55	0.1	10.7		13					
5	s	73.03		7.7	56	52	0.1								
6	s	69.79		7.5	58	53	0.1								
7	m	78.19		7.8	59	56	0.1		less than 1				0.42	1.7	
8	Tu	78.19		8	54	56	0.1							1.5	
9	w	79.49		7.6	56	58	0.1								
10	th	77.55		8.1	54	61	0.1								
11	f	73.67		7.7	54	55	0.1	10.4		50					
12	s	77.55		7.3	54	59	0.1								
13	s	62.68		8	59	62	0.1								
14	m	66.33		7.6	53	62	0.1				0.72				
15	Tu	63.98		6.8	53	53	0.1		less than 1						
16	w	63.98		7.3	52	55	0.1								
17	th	64.62		7.1	53	59	0.1								
18	f	72.38		7.1	56	56	0.1	10.5		50					
19	s	73.67		8.7	61	54	0.1								
20	s	82.72		8.8	60	55	0.1								
21	m	82.72		7.7	52	55	0.1								
22	Tu	84.66		7.5	57	55	0.1		less than 1					1.5	
23	w	85.95		7.6	55	55	0.1			70				1.1	
24	th	85.3		7.8	55	58	0.1								
25	f	86.6		7.4	52	62	0.1	10.8							
26	s	89.18		7.4	52	63	0.1								
27	s	80.13		7.4	53	63	0.1								
28	m	84.01		7.9	56	67	0.1								
29	Tu	91.77		7.7	49	58	0.1		1.3						
30	w	86.6		7.5	61	58	0.1							1.7	
TOTAL		2298													
AVE		76.61		7.7	56	57	0.1	10.6	0.26	45	0.14	less than	0.11	1.67	

Submitted by: *Jony Morales* Date: *5-20-08*

NOTES: 1. MONITORING IS DAILY UNLESS NOTED OTHERWISE  
 2. STATION R1 - 500 FT UPSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL  
 3. STATION R2- 500 FT DNSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL  
 (a) The discharge of effluent shall not cause the D. O. to fall below 5.0 mg/l



Date : April / Year : 2008

MALAGA COUNTY WATER DISTRICT  
 WASTEWATER TREATMENT PLANT  
 MONITORING AND REPORTING PROGRAM NO. 99-100  
 NPDES NO. CA 0084239  
 RECEIVING WATER MONITORING MONTHLY REPORT

DISCHARGE LIMIT	DATE	DAY	FLOW MGD	TOTAL FLOW MGD	pH	DLR	EC umhos/cm	DLR TEMP deg F	DLR	TOTAL RES CL mg/l	DLR 0.1	DO mg/l weekly	DLR AMMONIA mg/l weekly	DLR 1	Fecal Col. MPN/100 ml weekly	DLR 2	NO3-N mg/l weekly	DLR 0.2	TKN mg/l weekly	DLR 1	TOTAL P mg/l weekly	DLR 1	Turbidity NTU weekly	DLR 0.1	Minerals mg/l annually	
																										less than 60
1	lu		71.5		7.2		55			less than	0.1		less than	1							1		0.14			
2	w		65.74		7.9		59			less than	0.1															
3	th		73.43		8.3		59			less than	0.1															
4	f		74.71		7.3		58			less than	0.1	11.4			70											
5	s		73.44		7.6		58			less than	0.1															
6	s		70.24		7.4		56			less than	0.1															
7	m		78.51		8		60			less than	0.1															
8	lu		78.52		8.2		55			less than	0.1															
9	w		79.86		8		55			less than	0.1															
10	lh		77.97		7.9		60			less than	0.1															
11	f		74.09		7.4		58			less than	0.1	11.4			50											
12	s		77.99		7.5		59			less than	0.1															
13	s		63.1		7.4		58			less than	0.1															
14	m		66.74		7.7		58			less than	0.1															
15	lu		64.41		7		54			less than	0.1															
16	w		64.43		7.3		53			less than	0.1															
17	th		65.03		7.3		55			less than	0.1															
18	f		72.79		7.2		58			less than	0.1	10.1			30											
19	s		73.99		7.9		55			less than	0.1															
20	s		83.06		8.2		57			less than	0.1															
21	m		83.07		7.7		53			less than	0.1															
22	lu		84.93		7.6		55			less than	0.1															
23	w		86.34		7.5		58			less than	0.1															
24	th		85.73		7.7		57			less than	0.1															
25	f		87.03		7.4		55			less than	0.1	11.1														
26	s		89.62		7.8		57			less than	0.1															
27	s		80.57		7.3		54			less than	0.1															
28	m		84.39		7.7		55			less than	0.1															
29	lu		92.22		7.6		53			less than	0.1															
30	w		86.99		7.5		56			less than	0.1															
31																										
TOTAL			2310																							
AVE			77.01		7.6		57			less than	0.1	11			50			0.18			1		0.03		1.52	

Submitted by: *Jerry Wilson* Date: *5-30-08* NOTES: 1. MONITORING IS DAILY UNLESS NOTED OTHERWISE  
 2. STATION R1 - 500 FT UPSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL  
 3. STATION R2- 500 FT DNSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL  
 (a) The discharge of effluent shall not cause the D. O. to fall below 5.0 mg/l



MALAGA COUNTY WATER DISTRICT  
 WASTEWATER TREATMENT PLANT  
 MONITORING AND REPORTING PROGRAM NO. 99-100  
 NPDES NO. CA 0094239  
 TERTIARY EFFLUENT MONITORING MONTHLY REPORT

Identifier: BVV7-42B  
 phone: (559) 449-2700

Month: April / Year: 2008

DATE	TOTAL MAX		SS mg/l weekly	D/LR 0.1	pH	D/LR N/A	EC umhos/cm	D/LR 1	TEMP deg F	D/LR N/A	TOTAL RESIDUAL CL mg/l	D/LR 0.1	BOD mg/l weekly	D/LR 5	TSS mg/l weekly	D/LR 4	Percent of Influent 10%	TERTIARY EFFLUENT		DO mg/l weekly	D/LR	AMMONIA mg/l weekly	D/LR	TCO MPN/100 ml weekly	D/LR	NO3-N mg/l weekly	D/LR 0.6	TOTAL N mg/l weekly	D/LR	TOTAL P mg/l weekly	D/LR	Turbidity NTU weekly	D/LR	Minerals mg/l annually	D/LR		
	DAY FLOW MGD	FLOW MGD																Discharge Limits	8																	9	
1	lu	0.417			7.3		890		66			0.1	1.5		less than 4				less than		2		1	2.2													
2	w	0.241		less than 0.1	7.4		870		64			0.1										1															
3	lh	0.403			7.7		729		64			0.1										1															
4	f	0.394			6.9		840		70			0.1										1															
5	s	0.411			7.1		900		66			0.1										1															
6	s	0.449			7.6		900		67			0.1										1															
7	m	0.321			7.5		890		64			0.1										1															
8	lu	0.332		less than 0.1	7.1		890		61			0.1	2.4		less than 4							1															
9	w	0.37			6.9		820		71			0.1										1															
10	lh	0.424			7.5		890		65			0.1										1															
11	f	0.424			7.5		880		69			0.1										1															
12	s	0.435			7.3		880		65			0.1										1															
13	s	0.421			7.5		900		67			0.1										1															
14	m	0.412			7.6		970		69			0.1										1															
15	lu	0.428		less than 0.1	7.6		950		64			0.1										1															
16	w	0.445			7.8		830		63			0.1										1															
17	lh	0.411			8.3		860		67			0.1										1															
18	f	0.411			7.8		910		70			0.1										1															
19	s	0.322			7.9		890		64			0.1										1															
20	s	0.339			7.9		900		59			0.1										1															
21	m	0.346		less than 0.1	8.9		930		66			0.1	4.4		less than 4							1															
22	lu	0.266			7.2		910		66			0.1										1															
23	w	0.391		less than 0.1	7		820		66			0.1										1															
24	lh	0.432			7.2		770		69			0.1										1															
25	f	0.425		less than 0.1	7		820		74			0.1										1															
26	s	0.44			6.9		870		68			0.1										1															
27	s	0.442		less than 0.1	7.6		870		73			0.1										1															
28	m	0.376			7.8		900		81			0.1										1															
29	lu	0.45		less than 0.1	7.1		900		74			0.1										1															
30	w	0.39			7		923		72			0.1										1															
31																																					
TOTAL AVE		11.77		less than 0.1	7.5		874		67			0.1	2.9		1.28							1															
DAILY MAX		0.449		less than 0.1	8.9		965		81			0.1	6.2		6.4							1															
MEAN																																					

Submitted by *Jenny Morales* Date *5-20-08*

NOTES: MONITORING IS DAILY UNLESS NOTED OTHERWISE  
 (a) Daily maximum 40 mg/l; (b) Daily maximum 240 MPN/100 ml  
 (c) D/LR: Detection Limit for Reporting

881



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

April 10, 2008

Work Order #: 8D01006

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 04/01/08 . For your reference, these analyses have been assigned laboratory work order number 8D01006.

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: 4/10/08
---	---	----------------------

**Analytical Report for Work Order 8D01006**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent Station R-1</b>					<b>Sampled: 04/01/08 09:10 8D01006-01 (Surface Water)</b>				
Specific Conductance (EC)	52	1.0	µS/cm	1	T8D0115	04/01/08	04/01/08	EPA 120.1	
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	04/01/08	04/01/08	EPA 300.0	
Nitrate as NO3	ND	2.0	mg/L	1	T8D0104	04/01/08	04/01/08	EPA 300.0	
Ammonia as N	ND	1.0	mg/L	1	T8D0303	04/03/08	04/07/08	EPA 350.1	
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D0305	04/03/08	04/08/08	EPA 351.2	
Phosphorus	0.11	0.10	mg/L	1	T8D0305	04/03/08	04/08/08	EPA 365.4	

<b>Tertiary Effluent Station R-2</b>					<b>Sampled: 04/01/08 09:20 8D01006-02 (Surface Water)</b>				
Specific Conductance (EC)	55	1.0	µS/cm	1	T8D0115	04/01/08	04/01/08	EPA 120.1	
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	04/01/08	04/01/08	EPA 300.0	
Nitrate as NO3	ND	2.0	mg/L	1	T8D0104	04/01/08	04/01/08	EPA 300.0	
Ammonia as N	ND	1.0	mg/L	1	T8D0303	04/03/08	04/07/08	EPA 350.1	
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D0305	04/03/08	04/08/08	EPA 351.2	
Phosphorus	0.14	0.10	mg/L	1	T8D0305	04/03/08	04/08/08	EPA 365.4	

**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

*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 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

April 15, 2008

Work Order #: 8D03020

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 04/03/08 . For your reference, these analyses have been assigned laboratory work order number 8D03020.

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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 4/15/08
---	---	----------------------

### Analytical Report for Work Order 8D03020

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Raw Wastewater</b>						Sampled: 04/02/08 11:00 8D03020-01 (Waste Water)			
Total Suspended Solids	220	20	mg/L	5	T8D0809	04/08/08	04/08/08	EPA 160.2	
Total Settleable Solids	8.0	0.10	mL/L/Hr	1	T8D0412	04/04/08	04/04/08	EPA 160.5	
Biochemical Oxygen Demand	110	30	mg/L	30	T8D0411	04/04/08	04/09/08	SM5210B	
<b>Final Effluent</b>						Sampled: 04/02/08 16:00 8D03020-02 (Waste Water)			
Specific Conductance (EC)	820	1.0	$\mu$ S/cm	1	T8D0319	04/03/08	04/03/08	EPA 120.1	
Total Suspended Solids	ND	4.0	mg/l.	1	T8D0809	04/08/08	04/08/08	EPA 160.2	
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D0412	04/04/08	04/04/08	EPA 160.5	
Biochemical Oxygen Demand	ND	1.0	mg/L	1	T8D0411	04/04/08	04/09/08	SM5210B	
<b>Tertiary Effluent</b>						Sampled: 04/02/08 16:30 8D03020-03 (Waste Water)			
Nitrate as Nitrogen	7.5	0.45	mg/l.	1	[CALC]	04/08/08	04/04/08	[CALC]	
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	04/08/08	04/04/08	[CALC]	
Total Nitrogen	11	1.8	mg/L	1	[CALC]	04/08/08	04/10/08	[CALC]	
Specific Conductance (EC)	910	1.0	$\mu$ S/cm	1	T8D0319	04/03/08	04/03/08	EPA 120.1	
Total Suspended Solids	ND	4.0	mg/l.	1	T8D0809	04/08/08	04/08/08	EPA 160.2	
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D0412	04/04/08	04/04/08	EPA 160.5	
Nitrite as NO <sub>2</sub>	ND	1.0	mg/L	1	T8D0407	04/04/08	04/04/08	EPA 300.0	
Nitrate as NO <sub>3</sub>	33	2.0	mg/L	1	T8D0407	04/04/08	04/04/08	EPA 300.0	
Ammonia as N	ND	1.0	mg/L	1	T8D0817	04/08/08	04/10/08	EPA 350.1	
Total Kjeldahl Nitrogen	3.3	1.0	mg/L	1	T8D0818	04/08/08	04/10/08	EPA 351.2	
Phosphorus	5.3	0.10	mg/L	1	T8D0818	04/08/08	04/10/08	EPA 365.4	
Biochemical Oxygen Demand	1.5	1.0	mg/L	1	T8D0411	04/04/08	04/09/08	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

*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 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

April 15, 2008

Work Order #: 8D04013

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 04/04/08 . For your reference, these analyses have been assigned laboratory work order number 8D04013.

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: 4/15/08
---	---	----------------------

### Analytical Report for Work Order 8D04013

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent</b>			Sampled: 04/03/08 08:00 8D04013-01 (Waste Water)					
Turbidity	2.0	0.020	NTU	1	T8D0825	04/04/08	04/04/08	EPA 180.1
<b>Tertiary Effluent Station R1</b>			Sampled: 04/03/08 13:50 8D04013-02 (Surface Water)					
Turbidity	2.5	0.020	NTU	1	T8D0825	04/04/08	04/04/08	EPA 180.1
<b>Tertiary Effluent Station R2</b>			Sampled: 04/03/08 13:55 8D04013-03 (Surface Water)					
Turbidity	2.4	0.020	NTU	1	T8D0825	04/04/08	04/04/08	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

*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 custody document. This analytical report must be reproduced in its entirety.*



Laboratory Work Order #: 8D04014

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

<b>Malaga County Water District</b> 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Report Date: 04/14/2008
--	---	----------------------------

**Analytical Report for Microbiologicals**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent</b>								
			Laboratory ID#: 8D04014-01 (Waste Water)					
<i>Date Sampled: 4/4/08 9:35</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/4/08 13:05</i>				
Total Coliforms	2.0	2.0	MPN/100mL	1	T8D0414	04/04/08	04/07/08	SM9221B/E/F
<b>Tertiary Effluent Station R1</b>								
			Laboratory ID#: 8D04014-02 (Surface Water)					
<i>Date Sampled: 4/4/08 9:30</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/4/08 13:05</i>				
Fecal Coliforms	13	2.0	MPN/100mL	1	T8D0414	04/04/08	04/07/08	SM9221B/E/F
<b>Tertiary Effluent Station R2</b>								
			Laboratory ID#: 8D04014-03 (Surface Water)					
<i>Date Sampled: 4/4/08 10:40</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/4/08 13:05</i>				
Fecal Coliforms	70	2.0	MPN/100mL	1	T8D0414	04/04/08	04/07/08	SM9221B/E/F

**Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit	MPN Most Probable Number	mg/L milligrams/Liter (ppm)
NR Not Reported	CFU Colony Forming Units	ug/L micrograms/Liter (ppb)

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.*



California ELAP Certificate #1371

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

April 17, 2008

Work Order #: 8D08022

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 04/08/08 . For your reference, these analyses have been assigned laboratory work order number 8D08022.

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

APR 24 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: 4/17/08
---	---	----------------------

### Analytical Report for Work Order 8D08022

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent Station R1</b>			Sampled: 04/07/08 13:30 8D08022-01 (Surface Water)					
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	04/09/08	04/09/08	EPA 300.0
Nitrate as NO3	ND	2.0	mg/L	1	T8D0902	04/09/08	04/09/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D1107	04/11/08	04/14/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D1405	04/14/08	04/15/08	EPA 351.2
Phosphorus	0.42	0.10	mg/L	1	T8D1405	04/14/08	04/16/08	EPA 365.4
<b>Tertiary Effluent Station R2</b>			Sampled: 04/07/08 13:50 8D08022-02 (Surface Water)					
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	04/09/08	04/09/08	EPA 300.0
Nitrate as NO3	ND	2.0	mg/L	1	T8D0902	04/09/08	04/09/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D1107	04/11/08	04/14/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D1405	04/14/08	04/15/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8D1405	04/14/08	04/16/08	EPA 365.4

#### 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

*Quality Control Data Available Upon Request*

APR 24 2008



California ELAP Certificate #1371

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

April 15, 2008

Work Order #: 8D09004

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 04/09/08 . For your reference, these analyses have been assigned laboratory work order number 8D09004.

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

APR 22 2008



California ELAP Certificate #1371

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: 4/15/08
---	---	----------------------

**Analytical Report for Work Order 8D09004**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>					Sampled: 04/08/08 13:30 8D09004-01 (Waste Water)				
Turbidity	2.0	0.020	NTU	1	T8D0914	04/09/08	04/09/08	EPA 180.1	
<b>Tertiary Effluent Station R1</b>					Sampled: 04/08/08 14:30 8D09004-02 (Waste Water)				
Turbidity	1.7	0.020	NTU	1	T8D0914	04/09/08	04/09/08	EPA 180.1	
<b>Tertiary Effluent Station R2</b>					Sampled: 04/08/08 14:45 8D09004-03 (Waste Water)				
Turbidity	1.6	0.020	NTU	1	T8D0914	04/09/08	04/09/08	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

*Quality Control Data Available Upon Request*

APR 21 2008

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.*



California ELAP Certificate #1371

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

April 18, 2008

Work Order #: 8D09003

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 04/09/08 . For your reference, these analyses have been assigned laboratory work order number 8D09003.

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

APR 24 2008



California ELAP Certificate #1371

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: 4/18/08
---	---	----------------------

**Analytical Report for Work Order 8D09003**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>						Sampled: 04/08/08 16:00 8D09003-01 (Waste Water)			
Nitrate as Nitrogen	18	0.90	mg/L	2	[CALC]	04/14/08	04/10/08	[CALC]	
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	04/14/08	04/10/08	[CALC]	
Total Nitrogen	21	2.2	mg/L	2	[CALC]	04/14/08	04/15/08	[CALC]	
Total Suspended Solids	ND	4.0	mg/L	1	T8D1007	04/10/08	04/11/08	EPA 160.2	
Total Settleable Solids	ND	HT	0.10	mL/L/Hr	1	T8D1419	04/11/08	EPA 160.5	
Nitrite as NO2	ND	1.0	mg/L	1	T8D0902	04/09/08	04/10/08	EPA 300.0	
Nitrate as NO3	81	4.0	mg/L	2	T8D1002	04/10/08	04/10/08	EPA 300.0	
Ammonia as N	ND	1.0	mg/L	1	T8D1107	04/11/08	04/14/08	EPA 350.1	
Total Kjeldahl Nitrogen	3.2	1.0	mg/L	1	T8D1405	04/14/08	04/15/08	EPA 351.2	
Phosphorus	4.4	0.10	mg/L	1	T8D1405	04/14/08	04/16/08	EPA 365.4	
Biochemical Oxygen Demand	2.4	HT	1.0	mg/L	1	T8D1104	04/11/08	SM5210B	

**Notes and Definitions**

- HT This result was analyzed outside of the EPA recommended holding time.
- DUP A high RPD was observed between a sample and this sample's duplicate.
- 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*

APR 24 2008

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.*



California ELAP Certificate #1371

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

April 16, 2008

Work Order #: 8D10028

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 04/10/08 . For your reference, these analyses have been assigned laboratory work order number 8D10028.

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

APR 22 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: 4/16/08
---	---	----------------------

**Analytical Report for Work Order 8D10028**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Effluent</b>			Sampled: 04/09/08 15:40 <b>8D10028-01 (Waste Water)</b>					
Specific Conductance (EC)	770	1.0	µS/cm	1	T8D1010	04/10/08	04/10/08	EPA 120.1
<b>Tertiary Effluent</b>			Sampled: 04/09/08 15:40 <b>8D10028-02 (Waste Water)</b>					
Specific Conductance (EC)	820	1.0	µS/cm	1	T8D1010	04/10/08	04/10/08	EPA 120.1
<b>Tertiary Effluent Station R1</b>			Sampled: 04/09/08 15:50 <b>8D10028-03 (Surface Water)</b>					
Specific Conductance (EC)	56	1.0	µS/cm	1	T8D1010	04/10/08	04/10/08	EPA 120.1
<b>Tertiary Effluent Station R2</b>			Sampled: 04/09/08 16:00 <b>8D10028-04 (Surface Water)</b>					
Specific Conductance (EC)	55	1.0	µS/cm	1	T8D1010	04/10/08	04/10/08	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

*Quality Control Data Available Upon Request*

APR 22 2008

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.*



California ELAP Certificate #1371

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

April 16, 2008

Work Order #: 8D10027

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 04/10/08 . For your reference, these analyses have been assigned laboratory work order number 8D10027.

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

APR 22 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: 4/16/08
---	---	----------------------

### Analytical Report for Work Order 8D10027

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent</b>			Sampled: 04/09/08 13:00 <b>8D10027-01 (Waste Water)</b>					
Turbidity	2.0	0.020	NTU	1	T8D1012	04/10/08	04/10/08	EPA 180.1
<b>Tertiary Effluent Station R1</b>			Sampled: 04/09/08 13:15 <b>8D10027-02 (Surface Water)</b>					
Turbidity	1.5	0.020	NTU	1	T8D1012	04/10/08	04/10/08	EPA 180.1
<b>Tertiary Effluent Station R2</b>			Sampled: 04/09/08 13:30 <b>8D10027-03 (Surface Water)</b>					
Turbidity	1.1	0.020	NTU	1	T8D1012	04/10/08	04/10/08	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

*Quality Control Data Available Upon Request*

APR 22 2008

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.*



Laboratory Work Order #: 8D11009

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

<b>Malaga County Water District</b> 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	<b>Report Date:</b> 04/16/2008
--	---	-----------------------------------

**Analytical Report for Microbiologicals**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent Station R1</b>				Laboratory ID#: 8D11009-01 (Surface Water)				
<i>Date Sampled: 4/11/08 8:45</i>		<i>Sampled By: Tony Morales</i>			<i>Date Received: 4/11/08 13:30</i>			
Fecal Coliforms	50	2.0	MPN/100mL	1	T8D1202	04/11/08	04/14/08	SM9221B/E/F
<b>Tertiary Effluent Station R2</b>				Laboratory ID#: 8D11009-02 (Surface Water)				
<i>Date Sampled: 4/11/08 8:50</i>		<i>Sampled By: Tony Morales</i>			<i>Date Received: 4/11/08 13:30</i>			
Fecal Coliforms	50	2.0	MPN/100mL	1	T8D1202	04/11/08	04/13/08	SM9221B/E/F

APR 22 2008

**Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit	MPN	Most Probable Number	mg/L	milligrams/Liter (ppm)
NR	Not Reported	CFU	Colony Forming Units	ug/L	micrograms/Liter (ppb)

Moore Twining Associates, Inc.

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.

Jim Brannfield, Quality Assurance Manager



California ELAP Certificate #1371

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

April 24, 2008

Work Order #: 8D10029

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 04/10/08 . For your reference, these analyses have been assigned laboratory work order number 8D10029.

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

MAY - 2 2008



California ELAP Certificate #1371

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: 4/24/08
---	---	----------------------

### Analytical Report for Work Order 8D10029

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>			Sampled: 04/09/08 09:00 8D10029-01 (Waste Water)					
Total Suspended Solids	110	20	mg/L	5	T8D1412	04/14/08	04/15/08	EPA 160.2
Total Settleable Solids	4.0	0.10	mL/L/Hr	1	T8D1419	04/11/08	04/11/08	EPA 160.5
Biochemical Oxygen Demand	140	30	mg/L	30	T8D1104	04/11/08	04/16/08	SM5210B
<b>Final Effluent</b>			Sampled: 04/09/08 17:00 8D10029-02 (Waste Water)					
Total Suspended Solids	ND	4.0	mg/L	1	T8D1412	04/14/08	04/15/08	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D1419	04/11/08	04/11/08	EPA 160.5
Biochemical Oxygen Demand	1.5	1.0	mg/L	1	T8D1104	04/11/08	04/16/08	SM5210B
<b>Tertiary Effluent</b>			Sampled: 04/09/08 09:35 8D10029-03 (Waste Water)					
Total Coliforms	2.0	2.0	MPN/100mL	1	T8D1111	04/10/08	04/13/08	SM9221B/E/F

#### Notes and Definitions

- DUP A high RPD was observed between a sample and this sample's duplicate.
- 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*

MAY - 2 2008



California ELAP Certificate #1371

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

April 24, 2008

Work Order #: 8D15016

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 04/15/08 . For your reference, these analyses have been assigned laboratory work order number 8D15016.

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

MAY - 2 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: 4/24/08
---	---	----------------------

### Analytical Report for Work Order 8D15016

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent</b>			Sampled: 04/15/08 08:00 8D15016-01 (Waste Water)					
Nitrate as Nitrogen	6.9	0.45	mg/L	1	[CALC]	04/18/08	04/15/08	[CALC]
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	04/18/08	04/15/08	[CALC]
Total Nitrogen	9.2	1.8	mg/L	1	[CALC]	04/18/08	04/21/08	[CALC]
Total Suspended Solids	ND	4.0	mg/L	1	T8D1711	04/17/08	04/21/08	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D1710	04/16/08	04/16/08	EPA 160.5
Nitrite as NO2	ND	1.0	mg/L	1	T8D1504	04/15/08	04/15/08	EPA 300.0
Nitrate as NO3	31	2.0	mg/L	1	T8D1504	04/15/08	04/15/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D2204	04/22/08	04/23/08	EPA 350.1
Total Kjeldahl Nitrogen	2.3	1.0	mg/L	1	T8D1807	04/18/08	04/21/08	EPA 351.2
Phosphorus	4.3	0.10	mg/L	1	T8D1807	04/18/08	04/21/08	EPA 365.4
Biochemical Oxygen Demand	ND	1.0	mg/L	1	T8D1708	04/16/08	04/21/08	SM5210B
<b>Tertiary Effluent Station R-1</b>			Sampled: 04/15/08 09:00 8D15016-02 (Surface Water)					
Nitrate as Nitrogen	0.72	0.45	mg/L	1	[CALC]	04/15/08	04/15/08	EPA 300.0
Nitrate as NO3	3.2	2.0	mg/L	1	T8D1504	04/15/08	04/15/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D2204	04/22/08	04/23/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D1807	04/18/08	04/21/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8D1807	04/18/08	04/21/08	EPA 365.4
<b>Tertiary Effluent Station R-2</b>			Sampled: 04/15/08 09:05 8D15016-03 (Surface Water)					
Nitrate as Nitrogen	0.89	0.45	mg/L	1	[CALC]	04/15/08	04/15/08	EPA 300.0
Nitrate as NO3	3.9	2.0	mg/L	1	T8D1504	04/15/08	04/15/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D2204	04/22/08	04/23/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D1807	04/18/08	04/21/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8D1807	04/18/08	04/21/08	EPA 365.4

MAY - 2 2008

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.



California ELAP Certificate #1371

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

April 25, 2008

Work Order #: 8D16012

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 04/16/08 . For your reference, these analyses have been assigned laboratory work order number 8D16012.

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

MAY - 5 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: 4/25/08
---	---	----------------------

### Analytical Report for Work Order 8D16012

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Final Effluent</b>				Sampled: 04/16/08 10:30 <b>8D16012-01 (Waste Water)</b>					
Specific Conductance (EC)	780	1.0	µS/cm	1	T8D1721	04/16/08	04/16/08	EPA 120.1	
<b>Tertiary Effluent</b>				Sampled: 04/16/08 10:30 <b>8D16012-02 (Waste Water)</b>					
Specific Conductance (EC)	830	1.0	µS/cm	1	T8D1721	04/16/08	04/16/08	EPA 120.1	
<b>Tertiary Effluent Station R1</b>				Sampled: 04/16/08 11:00 <b>8D16012-03 (Surface Water)</b>					
Specific Conductance (EC)	52	1.0	µS/cm	1	T8D1721	04/16/08	04/16/08	EPA 120.1	
<b>Tertiary Effluent Station R2</b>				Sampled: 04/16/08 11:05 <b>8D16012-04 (Surface Water)</b>					
Specific Conductance (EC)	53	1.0	µS/cm	1	T8D1721	04/16/08	04/16/08	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

*Quality Control Data Available Upon Request*

MAY - 5 2008

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.*



Laboratory Work Order #: 8D18007

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

<b>Malaga County Water District</b> 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	<b>Report Date:</b> 04/24/2008
--	---	-----------------------------------

**Analytical Report for Microbiologicals**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>				Laboratory ID#: 8D18007-01 (Waste Water)					
<i>Date Sampled: 4/18/08 8:35</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/18/08 13:30</i>					
Total Coliforms	< 2	2.0	MPN/100mL	1	T8D1821	04/18/08	04/20/08	SM9221B/E/F	
<b>Tertiary Effluent Station R1</b>				Laboratory ID#: 8D18007-02 (Surface Water)					
<i>Date Sampled: 4/18/08 8:45</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/18/08 13:30</i>					
Fecal Coliforms	50	2.0	MPN/100mL	1	T8D1816	04/18/08	04/19/08	SM9221B/E/F	
<b>Tertiary Effluent Station R2</b>				Laboratory ID#: 8D18007-03 (Surface Water)					
<i>Date Sampled: 4/18/08 9:00</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/18/08 13:30</i>					
Fecal Coliforms	30	2.0	MPN/100mL	1	T8D1816	04/18/08	04/19/08	SM9221B/E/F	

MAY - 2 2008

**Notes and Definitions**

_3x5	< 2			
ND	Analyte NOT DETECTED at or above the reporting limit	MPN	Most Probable Number	mg/L milligrams/Liter (ppm)
NR	Not Reported	CFU	Colony Forming Units	ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

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.



California ELAP Certificate #1371

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

April 25, 2008

Work Order #: 8D17013

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 04/17/08 . For your reference, these analyses have been assigned laboratory work order number 8D17013.

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

MAY - 5 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: 4/25/08
---	---	----------------------

### Analytical Report for Work Order 8D17013

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Raw Wastewater</b>				Sampled: 04/16/08 10:00 8D17013-01 (Waste Water)					
Total Suspended Solids	140	20	mg/L	5	T8D2107	04/21/08	04/21/08	EPA 160.2	
Total Settleable Solids	9.0	0.10	mL/L/Hr	1	T8D1815	04/18/08	04/18/08	EPA 160.5	
Biochemical Oxygen Demand	270	30	mg/L	30	T8D1803	04/18/08	04/23/08	SM5210B	
<b>Final Effluent</b>				Sampled: 04/16/08 17:00 8D17013-02 (Waste Water)					
Total Suspended Solids	4.4	4.0	mg/L	1	T8D2107	04/21/08	04/21/08	EPA 160.2	
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D1815	04/18/08	04/18/08	EPA 160.5	
Biochemical Oxygen Demand	3.8	1.0	mg/L	1	T8D1803	04/18/08	04/23/08	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

*Quality Control Data Available Upon Request*

MAY - 5 2008

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.*



California ELAP Certificate #1371

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

April 28, 2008

Work Order #: 8D21013

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 04/21/08 . For your reference, these analyses have been assigned laboratory work order number 8D21013.

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

MAY - 5 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: 4/28/08
---	---	----------------------

**Analytical Report for Work Order 8D21013**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>					Sampled: 04/20/08 08:00 <b>8D21013-01 (Waste Water)</b>				
Turbidity	1.8	0.020	NTU	1	T8D2310	04/22/08	04/22/08	EPA 180.1	
<b>Tertiary Effluent Station R1</b>					Sampled: 04/20/08 08:30 <b>8D21013-02 (Surface Water)</b>				
Turbidity	1.5	0.020	NTU	1	T8D2310	04/22/08	04/22/08	EPA 180.1	
<b>Tertiary Effluent Station R2</b>					Sampled: 04/20/08 08:40 <b>8D21013-03 (Surface Water)</b>				
Turbidity	1.4	0.020	NTU	1	T8D2310	04/22/08	04/22/08	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

*Quality Control Data Available Upon Request*

MAY - 5 2008



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

May 05, 2008

Work Order #: 8D22006

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 04/22/08 . For your reference, these analyses have been assigned laboratory work order number 8D22006.

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 G. 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: 5/5/08
---	---	---------------------

**Analytical Report for Work Order 8D22006**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent</b> <span style="float: right;">Sampled: 04/21/08 17:00 8D22006-01 (Waste Water)</span>								
Nitrate as Nitrogen	13	0.90	mg/L	2	[CALC]	04/24/08	04/23/08	[CALC]
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	04/24/08	04/22/08	[CALC]
Total Nitrogen	15	2.2	mg/L	2	[CALC]	04/24/08	04/25/08	[CALC]
Specific Conductance (EC)	930	1.0	µS/cm	1	T8D2309	04/22/08	04/22/08	EPA 120.1
Total Suspended Solids	ND	4.0	mg/L	1	T8D2311	04/23/08	04/24/08	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D2321	04/23/08	04/23/08	EPA 160.5
Nitrite as NO2	ND	1.0	mg/L	1	T8D2203	04/22/08	04/22/08	EPA 300.0
Nitrate as NO3	57	4.0	mg/L	2	T8D2301	04/23/08	04/23/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D2807	04/28/08	04/29/08	EPA 350.1
Total Kjeldahl Nitrogen	2.1	1.0	mg/L	1	T8D2402	04/24/08	04/25/08	EPA 351.2
Phosphorus	3.3	0.10	mg/L	1	T8D2402	04/24/08	04/25/08	EPA 365.4
Biochemical Oxygen Demand	4.4	1.0	mg/L	1	T8D2312	04/23/08	04/28/08	SM5210B

<b>Tertiary Effluent Station R1</b> <span style="float: right;">Sampled: 04/21/08 14:30 8D22006-02 (Surface Water)</span>								
Specific Conductance (EC)	52	1.0	µS/cm	1	T8D2309	04/22/08	04/22/08	EPA 120.1
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	04/22/08	04/22/08	EPA 300.0
Nitrate as NO3	ND	2.0	mg/L	1	T8D2203	04/22/08	04/22/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D2807	04/28/08	04/29/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D2402	04/24/08	04/25/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8D2402	04/24/08	04/25/08	EPA 365.4

<b>Tertiary Effluent Station R2</b> <span style="float: right;">Sampled: 04/21/08 14:15 8D22006-03 (Surface Water)</span>								
Specific Conductance (EC)	53	1.0	µS/cm	1	T8D2309	04/22/08	04/22/08	EPA 120.1
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	04/22/08	04/22/08	EPA 300.0
Nitrate as NO3	ND	2.0	mg/L	1	T8D2203	04/22/08	04/22/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8D2807	04/28/08	04/29/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8D2402	04/24/08	04/25/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8D2402	04/24/08	04/25/08	EPA 365.4

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

May 09, 2008

Work Order #: 8D22016

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 04/22/08. For your reference, these analyses have been assigned laboratory work order number 8D22016.

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 the name of the sender.

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:  
5/9/08

### Analytical Report for Work Order 8D22016

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent</b>			<b>Sampled: 04/21/08 08:00 8D22016-01 (Waste Water)</b>					
Turbidity	1.7	0.020	NTU	1	T8D2409	04/23/08	04/23/08	EPA 180.1
<b>Tertiary Effluent Station R1</b>			<b>Sampled: 04/21/08 08:30 8D22016-02 (Surface Water)</b>					
Turbidity	1.1	0.020	NTU	1	T8D2409	04/23/08	04/23/08	EPA 180.1
<b>Tertiary Effluent Station R2</b>			<b>Sampled: 04/21/08 08:45 8D22016-03 (Surface Water)</b>					
Turbidity	1.1	0.020	NTU	1	T8D2409	04/23/08	04/23/08	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

*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 custody document. This analytical report must be reproduced in its entirety.*



California ELAP Certificate #1371

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

May 09, 2008

Work Order #: 8D22017

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 04/22/08 . For your reference, these analyses have been assigned laboratory work order number 8D22017.

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



California ELAP Certificate # 1371

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:  
5/9/08

**Malaga Sewer Plant Tertiary Effluent**  
8D22017-01 (Waste Water) Sampled:04/22/08 10:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Inorganics</b>									
Chloride	94	6.0	mg/L	3	T8D2203	04/22/08	04/22/08	EPA 300.0	
Cyanide (total)	ND	5.0	µg/L	1	T8E0106	05/01/08	05/05/08	SM4500CN-E	
Fluoride	1.3	0.30	mg/L	3	T8D2203	04/22/08	04/22/08	EPA 300.0	
<b>Metals</b>									
Aluminum	0.14	0.050	mg/L	1	T8D3025	04/30/08	05/01/08	EPA 200.7	
Boron	0.13	0.050	mg/L	1	T8D3025	04/30/08	05/01/08	EPA 200.7	
Copper	0.030	0.0050	mg/L	1	T8D3025	04/30/08	05/01/08	EPA 200.7	
<b>Semi-Volatile Organics</b>									
Diazinon	ND	0.25	µg/L	1	T8D2322	04/23/08	04/24/08	EPA 507	
Surrogate: 1,3-Dimethyl-2-nitrobenzene		72.4 %	48.4-117		T8D2322	04/23/08	04/24/08	EPA 507	
<b>Volatile Organics</b>									
Bromodichloromethane	45	2.5	µg/L	5	T8E0501	05/05/08	05/06/08	EPA 524.2	
Dibromochloromethane	49	2.5	µg/L	5	T8E0501	05/05/08	05/06/08	EPA 524.2	
Bromoform	8.4	2.5	µg/L	5	T8E0501	05/05/08	05/06/08	EPA 524.2	
Surrogate: Toluene-d8		92.0 %	80-120		T8E0501	05/05/08	05/06/08	EPA 524.2	
Surrogate: Dibromofluoromethane		104 %	80-120		T8E0501	05/05/08	05/06/08	EPA 524.2	
Surrogate: 4-Bromofluorobenzene		90.0 %	80-120		T8E0501	05/05/08	05/06/08	EPA 524.2	

**Notes and Definitions**

TW	Tap water used for batch QC MS/MSD analyses.
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

*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.*



# CHAIN OF CUSTODY/ANALYSIS REQUEST

257 FRESNO STREET • FRESNO, CA 93721 • PHONE (559) 268-7821 • FAX: (559) 268-9740

LABORATORIES, INC

ANALYTICAL CHEMISTRY - ENVIRONMENTAL SERVICES  
GEOTECHNICAL ENGINEERING - SAMPLING SERVICES  
CONSTRUCTION INSPECTION & MATERIALS TESTING

WORK ORDER #:

PAGE 1 OF 1

8D22017

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

ATTENTION: <b>Tony Morales</b>	ATTENTION: <b>Laurie Cortez</b>	<input type="checkbox"/> STANDARD PRINTED REPORT
NAME: <b>Malaga County Water District</b>	NAME: <b>Malaga County Water District</b>	<input type="checkbox"/> WRITE-ON (STATE FORM/EDD/EDT) <small>(please include system ID#)</small>
ADDRESS: <b>3580 S. FRANK</b>	ADDRESS: <b>3580 S. FRANK</b>	<input type="checkbox"/> GEOTECHNICAL/COEIL (LIFT)
<b>FRESNO, CA 93725</b>	<b>FRESNO, CA 93725</b>	<input type="checkbox"/> County DHS:
PHONE: <b>485-7353</b>	PHONE: <b>485-7353</b>	<input type="checkbox"/> Environmental Health Agency
FAX: <b>495-1070</b>	FAX: <b>485-7319</b>	<input type="checkbox"/> OTHER:

<b>SAMPLE INFORMATION</b>	<b>SAMPLE TYPES:</b>	<b>PROJECT INFORMATION</b>
SAMPLED BY: <b>Tony Morales</b>	SOIL: <b>BS - BIOSOLID</b>	CONTRACT/PO, NO.:
SIGNATURE: <b>Tony Morales</b>	<b>CR - CERAMIC</b>	PROJECT NAME: <b>Malaga sewer plant</b>
<input type="checkbox"/> PUBLIC SYSTEM <input checked="" type="checkbox"/> <b>SCOURNE</b>	<b>SL - SOIL/SOLID</b>	PROJECT NUMBER:
<input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT	WATER: <b>DW - DRINKING WATER</b>	PROJECT MANAGER:
<input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT	<b>GW - GROUND WATER</b>	
TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ONE:	<b>OL - OIL</b>	<b>ANALYSIS REQUESTED</b>
<input checked="" type="checkbox"/> STANDARD	<b>SF - SURFACE WATER</b>	<b>ALUMINUM</b>
	<b>ST - STORM WATER</b>	<b>BORON</b>
	<b>MW - WASTE WATER</b>	<b>COPPER</b>

NOTES ON SPECIAL CONDITIONS:

CUSTODY SEAL(S) BROKEN  SAMPLE(S) DAMAGED

ON ICE  AMBIENT TEMP.  INCORRECT PRESERVATION

**18.2°C**

CLIENT SAMPLE ID	DATE	TIME	TYPE	ALUMINUM	BORON	COPPER	CYANIDE	CHLORIDE	FLUORIDE	DIAZINON	BROMOFORM	CHLORODIBROMOMETHANE	DIBROMOCHLOROMETHANE	DICHLORODIBROMOMETHANE	BROMODICHLOROMETHANE	USE USE
Malaga Sewer Plant Tertiary Eff	4-22-08	10:30 AM	WW	X	X	X	X	X	X	X	X	X	X	X	X	
																1x 500ppm OZ
																1x 500ppm NO3 Met
																1x 250ppm NaOH
																1x LG Thio
																4x VOA HCl

COMMENTS/REMARKS/ISSUES/NOTES:

RELEASED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<b>Laurie Cortez</b>	<b>Malaga County Water District</b>	<b>4-22-08</b>	<b>1:38</b>	<b>(signature)</b>	<b>MTA</b>



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

April 28, 2008

Work Order #: 8D23010

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 04/23/08 . For your reference, these analyses have been assigned laboratory work order number 8D23010.

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:  
4/28/08

### Analytical Report for Work Order 8D23010

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Malaga Sewer Plant Tertiary Eff</b>			<b>Sampled: 04/22/08 10:30 8D23010-01 (Waste Water)</b>					
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D2321	04/23/08	04/23/08	EPA 160.5
<b>Malaga Sewer Plant Tertiary Eff</b>			<b>Sampled: 04/23/08 09:35 8D23010-02 (Waste Water)</b>					
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D2321	04/23/08	04/23/08	EPA 160.5

#### 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

*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 custody document. This analytical report must be reproduced in its entirety.*



Laboratory Work Order #: 8D23009

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

Report Date:  
 04/30/2008

**Analytical Report for Microbiologicals**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>				Laboratory ID#: 8D23009-01 (Waste Water)					
<i>Date Sampled: 4/23/08 8:30</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/23/08 13:30</i>					
Total Coliforms	<2	2.0	MPN/100mL	1	T8D2404	04/23/08	04/25/08	SM9221B/E/F	
<b>Tertiary Effluent Station R1</b>				Laboratory ID#: 8D23009-02 (Surface Water)					
<i>Date Sampled: 4/23/08 8:50</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/23/08 13:30</i>					
Fecal Coliforms	70	2.0	MPN/100mL	1	T8D2406	04/23/08	04/24/08	SM9221B/E/F	
<b>Tertiary Effluent Station R2</b>				Laboratory ID#: 8D23009-03 (Surface Water)					
<i>Date Sampled: 4/23/08 9:00</i>		<i>Sampled By: Tony Morales</i>		<i>Date Received: 4/23/08 13:30</i>					
Fecal Coliforms	50	2.0	MPN/100mL	1	T8D2406	04/23/08	04/24/08	SM9221B/E/F	

MAY - 5 2008

**Notes and Definitions**

\_3x5 <2

ND Analyte NOT DETECTED at or above the reporting limit  
 NR Not Reported

MPN Most Probable Number  
 CFU Colony Forming Units

mg/L milligrams/Liter (ppm)  
 ug/L micrograms/Liter (ppb)



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

April 30, 2008

Work Order #: 8D23001

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 04/23/08 . For your reference, these analyses have been assigned laboratory work order number 8D23001.

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 Water Department Project Number: Analytical Services Project Manager: Richard Ochoa	Reported: 4/30/08
---	---	----------------------

### Analytical Report for Work Order 8D23001

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Well 1</b> <span style="float: right;">Sampled: 04/23/08 09:16 8D23001-01 (Drinking Water - Public/Routine)</span>								
Specific Conductance (EC)	400	1.0	µS/cm	1	T8D2407	04/23/08	04/23/08	EPA 120.1
Nitrate as NO <sub>3</sub>	19	2.0	mg/L	1	T8D2301	04/23/08	04/23/08	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T8D2403	04/23/08	04/24/08	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T8D2403	04/23/08	04/24/08	SM9223B
<b>Well 6</b> <span style="float: right;">Sampled: 04/23/08 09:05 8D23001-02 (Drinking Water - Public/Routine)</span>								
Specific Conductance (EC)	330	1.0	µS/cm	1	T8D2407	04/23/08	04/23/08	EPA 120.1
Nitrate as NO <sub>3</sub>	14	2.0	mg/L	1	T8D2301	04/23/08	04/23/08	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T8D2403	04/23/08	04/24/08	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T8D2403	04/23/08	04/24/08	SM9223B
<b>3672 Calvin - Resident</b> <span style="float: right;">Sampled: 04/23/08 08:45 8D23001-03 (Drinking Water - Public/Routine)</span>								
Total Coliforms	Absent		N/A	1	T8D2403	04/23/08	04/24/08	SM9223B
E. Coli	Absent		N/A	1	T8D2403	04/23/08	04/24/08	SM9223B

### Notes and Definitions

_MPN	< 1.0
_A	Absent
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

*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 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

May 06, 2008

Work Order #: 8D24016

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 04/24/08 . For your reference, these analyses have been assigned laboratory work order number 8D24016.

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: 5/6/08
---	---	---------------------

**Analytical Report for Work Order 8D24016**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>						<b>Sampled: 04/23/08 08:00 8D24016-01 (Waste Water)</b>		
Total Suspended Solids	84	10	mg/L	2.5	T8D2504	04/25/08	04/28/08	EPA 160.2
Total Settleable Solids	7.9	0.10	mL/L/Hr	1	T8D2516	04/25/08	04/25/08	EPA 160.5
Biochemical Oxygen Demand	160	30	mg/L	30	T8D2510	04/25/08	04/30/08	SM5210B
<b>Final Effluent</b>						<b>Sampled: 04/23/08 16:00 8D24016-02 (Waste Water)</b>		
Total Suspended Solids	6.8	4.0	mg/L	1	T8D2504	04/25/08	04/28/08	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D2516	04/25/08	04/25/08	EPA 160.5
Biochemical Oxygen Demand	3.0	1.0	mg/L	1	T8D2510	04/25/08	04/30/08	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

*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 custody document. This analytical report must be reproduced in its entirety.*



California ELAP Certificate #1371

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

April 30, 2008

Work Order #: 8D25005

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 04/25/08 . For your reference, these analyses have been assigned laboratory work order number 8D25005.

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



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: 4/30/08
---	---	----------------------

**Analytical Report for Work Order 8D25005**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>TERTIARY EFF.</b>					Sampled: 04/24/08 17:00 8D25005-01 (Waste Water)				
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D2516	04/25/08	04/25/08	EPA 160.5	
<b>TERTIARY EFF.</b>					Sampled: 04/25/08 10:30 8D25005-02 (Waste Water)				
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D2516	04/25/08	04/25/08	EPA 160.5	

**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

*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 custody document. This analytical report must be reproduced in its entirety.*



California ELAP Certificate #1371

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

May 06, 2008

Work Order #: 8D28016

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 04/28/08 . For your reference, these analyses have been assigned laboratory work order number 8D28016.

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

MAY 13 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: 5/6/08
---	---	---------------------

**Analytical Report for Work Order 8D28016**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Malaga Sewer Plant Tertiary Eff.</b>			Sampled: 04/26/08 17:00 <b>8D28016-01 (Waste Water)</b>					
Total Settleable Solids	ND	HR	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08 EPA 160.5
<b>Malaga Sewer Plant Tertiary Eff.</b>			Sampled: 04/27/08 17:00 <b>8D28016-02 (Waste Water)</b>					
Total Settleable Solids	ND	HR	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08 EPA 160.5

**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

*Quality Control Data Available Upon Request*

MAY 13 2008

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

May 06, 2008

Work Order #: 8D28016

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 04/28/08. For your reference, these analyses have been assigned laboratory work order number 8D28016.

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: 5/6/08
---	---	---------------------

### Analytical Report for Work Order 8D28016

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
---------	--------	-----------------	-------	----------	-------	----------	----------	--------

#### Malaga Sewer Plant Tertiary Eff.

Sampled: 04/26/08 17:00 8D28016-01 (Waste Water)

Total Settleable Solids	ND	HR	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08	EPA 160.5
-------------------------	----	----	------	---------	---	---------	----------	----------	-----------

#### Malaga Sewer Plant Tertiary Eff.

Sampled: 04/27/08 17:00 8D28016-02 (Waste Water)

Total Settleable Solids	ND	HR	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08	EPA 160.5
-------------------------	----	----	------	---------	---	---------	----------	----------	-----------

### 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

*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 custody document. This analytical report must be reproduced in its entirety.*



California ELAP Certificate #1371

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

May 06, 2008

Work Order #: 8D29012

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 04/29/08 . For your reference, these analyses have been assigned laboratory work order number 8D29012.

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

MAY 14 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: 5/6/08
---	---	---------------------

**Analytical Report for Work Order 8D29012**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
---------	--------	-----------------	-------	----------	-------	----------	----------	--------

**Malaga Sewer Plant Tertiary Eff.** Sampled: 04/28/08 15:45 **8D29012-01 (Waste Water)**

Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08	EPA 160.5
-------------------------	----	------	---------	---	---------	----------	----------	-----------

**Malaga Sewer Plant Tertiary Eff.** Sampled: 04/29/08 08:30 **8D29012-02 (Waste Water)**

Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08	EPA 160.5
-------------------------	----	------	---------	---	---------	----------	----------	-----------

**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

*Quality Control Data Available Upon Request*

MAY 14 2008

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

May 08, 2008

Work Order #: 8D30013

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 04/30/08 . For your reference, these analyses have been assigned laboratory work order number 8D30013.

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: 5/8/08
---	---	---------------------

**Analytical Report for Work Order 8D30013**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Tertiary Effluent</b>									
Sampled: 04/29/08 16:00 8D30013-01 (Waste Water)									
Nitrate as Nitrogen	16	1.4	mg/L	3	[CALC]	05/02/08	05/02/08	[CALC]	
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	05/02/08	05/01/08	[CALC]	
Total Nitrogen	19	2.7	mg/L	3	[CALC]	05/02/08	05/05/08	[CALC]	
Total Suspended Solids	6.4	4.0	mg/L	1	T8E0204	05/02/08	05/05/08	EPA 160.2	
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8D3028	04/30/08	04/30/08	EPA 160.5	
Turbidity	2.1	0.020	NTU	1	T8E0109	05/01/08	05/01/08	EPA 180.1	
Nitrite as NO2	ND	1.0	mg/L	1	T8E0118	05/01/08	05/01/08	EPA 300.0	
Nitrate as NO3	70	HD	6.0	mg/L	3	T8E0203	05/02/08	05/02/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8E0604	05/06/08	05/07/08	EPA 350.1	
Total Kjeldahl Nitrogen	2.8	1.0	mg/L	1	T8E0111	05/01/08	05/05/08	EPA 351.2	
Phosphorus	3.3	0.10	mg/L	1	T8E0111	05/01/08	05/05/08	EPA 365.4	
Biochemical Oxygen Demand	6.2	3.0	mg/L	3	T8D3009	04/30/08	05/05/08	SM5210E	

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent Station R-1</b>								
Sampled: 04/29/08 13:50 8D30013-02 (Surface Water)								
Specific Conductance (EC)	49	1.0	µS/cm	1	T8D3019	04/30/08	04/30/08	EPA 120.1
Turbidity	1.7	0.020	NTU	1	T8E0109	05/01/08	05/01/08	EPA 180.1
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	05/01/08	05/01/08	EPA 300.0
Nitrate as NO3	ND	2.0	mg/L	1	T8E0118	05/01/08	05/01/08	EPA 300.0
Ammonia as N	1.3	1.0	mg/L	1	T8E0604	05/06/08	05/07/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8E0111	05/01/08	05/05/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8E0111	05/01/08	05/05/08	EPA 365.4

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Effluent Station R-2</b>								
Sampled: 04/29/08 13:55 8D30013-03 (Surface Water)								
Specific Conductance (EC)	53	1.0	µS/cm	1	T8D3019	04/30/08	04/30/08	EPA 120.1
Turbidity	2.4	0.020	NTU	1	T8E0109	05/01/08	05/01/08	EPA 180.1
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	05/01/08	05/01/08	EPA 300.0
Nitrate as NO3	ND	2.0	mg/L	1	T8E0118	05/01/08	05/01/08	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T8E0604	05/06/08	05/07/08	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T8E0111	05/01/08	05/05/08	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T8E0111	05/01/08	05/05/08	EPA 365.4

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.





California ELAP Certificate #1371

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

May 13, 2008

Work Order #: 8E01010

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 05/01/08 . For your reference, these analyses have been assigned laboratory work order number 8E01010.

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: 5/13/08
---	---	----------------------

### Analytical Report for Work Order 8E01010

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>								
Sampled: 04/30/08 09:00 8E01010-01 (Waste Water)								
Total Suspended Solids	360	20	mg/L	5	T8E0506	05/05/08	05/06/08	EPA 160.2
Total Settleable Solids	9.0	0.10	mL/L/Hr	1	T8E0209	05/02/08	05/02/08	EPA 160.5
Biochemical Oxygen Demand	79	30	mg/L	30	T8E0301	05/02/08	05/07/08	SM5210B
<b>Final Effluent</b>								
Sampled: 04/30/08 16:00 8E01010-02 (Waste Water)								
Total Suspended Solids	6.8	4.0	mg/L	1	T8E0506	05/05/08	05/06/08	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8E0209	05/02/08	05/02/08	EPA 160.5
Biochemical Oxygen Demand	3.2	1.0	mg/L	1	T8E0301	05/02/08	05/07/08	SM5210B
<b>Tertiary Effluent</b>								
Sampled: 04/30/08 13:00 8E01010-03 (Waste Water)								
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T8E0209	05/02/08	05/02/08	EPA 160.5

#### 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

*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 custody document. This analytical report must be reproduced in its entirety.*

Hello Ron,

Attached is the revised sample and pickup schedule for Twining/Malaga Sewer Plant's chronic testing next week.

Also, the 96-hr fathead minnow test of Malaga grab effluent sample (#8D30014) was terminated on Monday 5/5. There was 100% survival of fish in the effluent treatment, indicating Malaga effluent was not acutely toxic to fish survival.

*- Acute toxicity Test Passed. -*

Please let Dr. Scott Ogle or myself know if you have any questions.

Sincerely,

Quang Do  
Aquatic Ecotoxicologist  
Pacific Ecorisk  
2250 Cordelia Road  
Fairfield, CA 94534  
Main: (707) 207-7760  
Direct: (707) 207-7770  
Fax: (707) 207-7916