

# **EXHIBIT 30**



MALAGA  
WASTEWATER TREATMENT PLANT  
MONITORING AND REPORTING PROGRAM NO. R5- 2008-0033  
NPDES NO. CA0084239  
EVAPORATION /PERCOLATION POND MONITORING MONTHLY REPORT

Month: June Year: 2009

	POND 1	POND 2	POND 3	POND 4	POND 5	POND 6	POND 7	POND 8
WEEK 1 (Date)	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009
Sample Time	8:am	8:am	8:am	Not in use	8:am	8:am	8:am	8:am
DO, mg/l	11.4	11.3	2	Not in use	9.5	10.3	6.5	8.9
Freeboard, ft	2.66	2.66	2.33		2.58	2.83	2.58	2.91
Weeds (Y, N) Locations	N/-	N	N		N	N	N	N
Surface Material(Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	clear	clear	light green		light green	clear	light green	clear
WEEK 2 (Date)	6/12/2009	6/12/2009	6/12/2009	6/12/2009	6/12/2009	6/12/2009	6/12/2009	6/12/2009
Sample Time	8:15am	8:15am	8:15am	not in use	8:15am	8:15am	8:15am	8:15am
DO, mg/l	11	7.1	4.3		9.6	7.2	5	8.9
Freeboard, ft	2.83	2.91	2.83		2.75	2.81	2.75	2.83
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material(Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	clear	clear	light green		light green	clear	light green	clear
WEEK 3 (Date)	6/19/2009	6/19/2009	6/19/2009	6/19/2009	6/19/2009	6/19/2009	6/19/2009	6/19/2009
Sample Time	8:am	8:am	8:am	not in use	8:am	8:am	8:am	8:am
DO, mg/l	19.2	11.5	4.5		18.3	9.9	11.4	9.1
Freeboard, ft	3'	3'	3.08		2.91	3'	2.83	3'
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material(Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	light green	clear	light green		light green	clear	light green	clear
WEEK 4 (Date)	6/26/2009	6/26/2009	6/26/2009	6/26/2009	6/26/2009	6/26/2009	6/26/2009	6/26/2009
Sample Time	9am	9am	9am	not in use	9am	9am	9am	9am
DO, mg/l	6.8	9.4	5		10.5	3.6	5.5	7.5
Freeboard, ft	3.1	3.2	3.1		3.1	3.3	3	3.1
Weeds (Y, N) Locations	N	N	N		N	N	N	N
Surface Material(Y, N) Locations	N	N	N		N	N	N	N
Burrowing Animals (Y, N)	N	N	N		N	N	N	N
Insects (Y, N)	N	N	N		N	N	N	N
Color	light green	clear	light green		light green	clear	light green	clear
WEEK 5 (Date)								
Sample Time								
DO, mg/l								
Freeboard, ft								
Weeds (Y, N) Locations								
Surface Material(Y, N) Locations								
Burrowing Animals (Y, N)								
Insects (Y, N)								
Color								

Submitted by Jenny Winters Date: 7-30-09 NOTE: Y=Yes  
N=No

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

MONTH: JUNE YEAR: 2009

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

DATE	DAY	INFLUENT CONSTITUENT						SECONDARY EFFLUENT CONSTITUENT											
		Parshall Flume Flow MGD	Recirculated Grit Flow MGD	TOTAL FLOW (calc.) MGD	BOD mg/L weekly	MDL	TSS mg/L weekly	MDL	Daily FLOW MGD (Q)	EC umhos/cm max <sup>1</sup>	BOD mg/L ave <sup>2</sup>	MDL	BOD lb/d (calc.) Q-BOD*2.2 +0.284	TSS mg/L ave <sup>2</sup>	MDL	TSS lb/d (calc.) Q-TSS*2.2 +0.284	SS m/L ave <sup>3</sup>	MDL	
1	m	0.97	0.1	0.87				0.604	790										
2	tu	0.94	0.1	0.84				0.445	840										
3	w	0.93	0.1	0.83	73		180	0.430	820	3.8		13.62	4.2			21.14	ND		
4	th	0.95	0.1	0.85				0.465	720										
5	f	0.91	0.1	0.81				0.424	750										
6	sat	0.61	0.1	0.51				0.099	790										
7	sun	1.33	0.1	1.23				0.553	780										
8	m	1.03	0.1	0.93				0.551	790										
9	tu	1.02	0.1	0.92	38		110	0.549	740	1		4.58	1.1			5.54	ND		
10	w	1.02	0.1	0.92				0.569	700										
11	th	1.05	0.1	0.95				0.550	760										
12	f	0.98	0.1	0.88				0.512	770										
13	sat	1.01	0.1	0.91				0.482	800										
14	sun	0.97	0.1	0.87				0.450	760										
15	m	0.97	0.1	0.87				0.467	740										
16	tu	0.99	0.1	0.89				0.483	780	1.4		5.64	1.1			5.54	ND		
17	w	1.01	0.12	0.89	490		460	0.565	790										
18	th	1.06	0.101	0.96				0.573	820										
19	f	1.05	0.085	0.97				0.484	790										
20	sat	1	0.092	0.91				0.493	750										
21	sun	0.99	0.087	0.90				0.514	680										
22	m	1.05	0.12	0.93				0.531	750										
23	tu	1.04	0.095	0.95				0.491	800	3.4		13.91	1.1			5.54	ND		
24	w	1.02	0.12	0.90	62		130	0.597	720										
25	th	1.07	0.083	0.99				0.547	770										
26	f	1.03	0.095	0.94				0.474	800										
27	sat	0.97	0.11	0.86				0.531	760										
28	sun	1.01	0.087	0.92				0.460	750	1.5		5.75	1.4			7.05	ND		
29	m	0.95	0.089	0.86	410		140	0.460	710										
30	tu	0.92	0.082	0.84				15.23	760	2.2		8.70	1.8			8.96	ND		
TOTAL		29.85	2.97	26.88	1073		1020	0.51	760			13.91	4.2			21.14	ND		
AVE		1.00	0.10	0.90	215		204												
DAILY																			
MEAN		1.33	0.12	1.23	490		460	0.853	840	3.8		13.91	4.2			21.14	ND		

Submitted by: *Joy Morales* 7-30-09

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



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

YEAR 2009

	Date Sampled	Jan	Feb	Mar	QUARTER TOTAL	April	May	June	QUARTER TOTAL	AUG	SEPT	QUARTER TOTAL	OCT	NOV	DEC	QUARTER TOTAL	ANNUAL TOTAL
WELL NO. 1 DELIVERY (GAL)	1/13/2009	4,489,000	13,919,000	16,566,000	34,984,000	18,493,000	21,547,000	26,813,000	66,853,000			0				0	
NO3-N (mg/l)	23	19	20			19	19	18									
Ec (umhos/cm)	460	410	400			400	390	360									
Minerals (see attached)																	
WELL NO. 3 DELIVERY (GAL)					0				0			0				0	
NO3-N (mg/l)																	
Ec (umhos/cm)																	
Minerals (see attached)																	
WELL NO. 4 DELIVERY (GAL)					0				0			0				0	
NO3-N (mg/l)																	
Ec (umhos/cm)																	
Minerals (see attached)																	
WELL NO. 5 DELIVERY (GAL)					0				0			0				0	
NO3-N (mg/l)																	
Ec (umhos/cm)																	
Minerals (see attached)																	
WELL NO. 6 DELIVERY (GAL)	14,478,000	4,736,000	4,491,000	23,705,000	3,609,000	7,736,000	11,295,000	22,642,000				0				0	
NO3-N (mg/l)	14	13	13		13	12	12										
Ec (umhos/cm)	330	330	310		310	310	280										
Minerals (see attached)																	
WELL NO. 7 DELIVERY (GAL)	17,703,000	16,536,000	20,708,000	54,947,000	20,147,000	24,670,000	23,626,000	68,443,000				0				0	
NO3-N (mg/l)	9.8	10	10		11	10	9.7										
Ec (umhos/cm)	270	290	270		270	270	250										
Minerals (see attached)																	
TOTAL DELIVERY (GAL)	36,770,000	35,193,000	41,755,000	113,718,000	42,259,000	53,956,000	61,734,000	157,938,000				0				0	
WEIGHTED AVERAGE NO3-N (mg/l)	13	10.66813	10.534666	#VALUE!	11.30283	10.47753	10.443917	24.331063									
Ec (umhos/cm)	296.98832	298.902766	277.12446	#VALUE!	276.07213	279.5474	287.0089	411.6373									

Submitted by: *Jenny W. DeLoe* Date: 7-30-09

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NOTES: SAMPLES FOR EC AND NO3-N ARE TAKEN MONTHLY  
 SAMPLES FOR MINERALS ARE TAKEN ANNUALLY

WELL NO. 2 DOES NOT EXIST

MONTH: JUNE Year: 2009

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

DATE	DAY	Daily		TERTIARY EFFLUENT																			
		TOTAL FLOW <sup>1</sup> MGD	MAX FLOW <sup>1</sup> MGD	pH	EC umhos/cm	MDL	TEMP deg F	TOTAL RESIDUAL CL. mg/L <sup>2</sup>	SS mL	MDL	BOD mg/L <sup>3</sup>	MDL	BOD lbs/day	BOD Removal <sup>4</sup> %	TSS mg/L <sup>3</sup>	MDL	TSS lbs/day	TSS Removal <sup>4</sup> %	Turbidity NTU	Total Coliform MPN/100 ml <sup>5</sup>	MDL	Ammonia Nitrogen (NH <sub>3</sub> -N) mg/L <sup>6</sup>	
1	m	0.286	0.45	6.9	780	1	77	<0.01	ND	0.1	0.1	10	5	38	≥80%	10	5	38	≥80%	2	2.2	2	1.3
2	tu	0.395	0.45	7.0	840		77	<0.01	ND														
3	w	0.4	0.45	7.0	790		76	<0.01	ND			1		3.3	88.5%	1.6	5	5	99.0%		2		
4	th	0.386	0.45	6.9	720		77	<0.01	ND														
5	f	0.386	0.45	6.9	770		76	<0.01	ND														
6	sat	0.414	0.45	6.9	780		75	<0.01	ND														
7	sun	0.377	0.45	6.8	760		76	<0.01	ND														
8	m	0.378	0.45	7.0	770		76	<0.01	ND														
9	tu	0.389	0.45	7.0	600		74	<0.01	ND			1.8		4.4	95.3%	1.2	3	3	98.9%				
10	w	0.371	0.45	6.8	730		76	<0.01	ND														
11	th	0.291	0.45	6.9	830		77	<0.01	ND														
12	f	0.38	0.45	6.9	770		78	<0.01	ND														
13	sat	0.398	0.45	7.3	780		77	<0.01	ND														
14	sun	0.388	0.45	7.1	780		77	<0.01	ND														
15	m	0.38	0.45	7.1	760		77	<0.01	ND														
16	tu	0.423	0.45	7.1	710		76	<0.01	ND			7		23.0	88.5%	2.8	9	9	98.4%	0.98	2		
17	w	0.407	0.45	6.9	730		76	<0.01	ND														
18	th	0.395	0.45	6.9	730		75	<0.01	ND														
19	f	0.397	0.45	7.1	730		76	<0.01	ND														
20	sat	0.428	0.45	6.9	730		77	<0.01	ND														
21	sun	0.407	0.45	7.0	710		76	<0.01	ND														
22	m	0.416	0.45	6.9	720		77	<0.01	ND														
23	tu	0.419	0.45	7.0	710		81	<0.01	ND			2		6.6	87.5%	1.1	4	4	98.0%	1	2		
24	w	0.409	0.45	7.0	700		78	<0.01	ND														
25	th	0.393	0.45	7.1	720		79	<0.01	ND														
26	f	0.393	0.45	6.9	740		81	<0.01	ND														
27	sat	0.388	0.45	6.9	780		79	<0.01	ND														
28	sun	0.387	0.45	7.3	730		80	<0.01	ND			1.4		4.4	88.7%	1.1	3	3	98.0%	0.91			
29	m	0.4	0.45	7.1	730		80	<0.01	ND														
30	tu	0.38	0.45	7.0	680		76	<0.01	ND														
TOTAL AVE		11.637		7.1	742		77	<0.01	ND			2.6		8.3	87.9%	1.58	4.9	4.9	99.1%	1.11	2.00		
DAILY MAX		0.3879		8.6	840		81	<0.01	ND			7		23.0	99percent	2.8	9.2	9.2	99percent	1.6	2		
MEAN		0.428		6.6	742		77	<0.01	ND			7		8.3	87.9%	1.58	4.9	4.9	99.1%	1.11	2.00		

Submitted by: Jenny Moraga Date: 7-30-09

- NOTES:
- BOD Removal to be calculated using mean values.
  - Chlorine residual must be monitored with a method sensitive to and accurate at the permitted level of 0.01 mg/L.
  - Daily maximum 35 mg/L. Weekly average 15 mg/L.
  - 2.2 MPN/100ml, as 7 day median. Shall not exceed: 23 MPN/100 ml more than once in any month; 240 MPN/100 ml at any time.
  - Interim effluent limitations.
  - MDR Compliance indicated by "YES" answer.
  - Effective Until May 19, 2010

MONTH: JUNE Year 2009

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

DATE	TERTIARY EFFLUENT																							
	Mortality										Quarterly			Annually										
Discharge Limits	Nitrate Nitrogen mg/L	Aluminum (Al) mg/L	Boron (B) mg/L	Chloride (Cl) mg/L	Copper (Cu) mg/L	Cyanide (CN) mg/L	Ferrous (Fe) mg/L	Phosphorus Total (P) mg/L	Disinfection C <sub>2</sub> H <sub>5</sub> ClO <sub>2</sub> ppm	Bromine DBP <sub>5</sub> ppm	Chloride CH <sub>2</sub> Cl <sub>2</sub> mg/L	Chloride CH <sub>3</sub> Cl <sub>2</sub> mg/L	Acetic Whole Effluent Toxicity 250% Ave. per 3 tests	Chromic Whole Effluent Toxicity 250% Ave. per 3 tests	Boron (B) mg/L	Calcium (Ca) mg/L	Iron (Fe) mg/L	Magnesium (Mg) mg/L	Potassium (K) mg/L	Sodium (Na) mg/L	Chloride mg/L			
	1																							
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9	34	13	0.059	0.12	48	0.045	ND	0.97	3.3	ND	10	31	31											
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
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22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
TOTAL																								
AVE																								
DAILY MAX	34	13	0.059	0.12	48	0.045	ND	0.97	3.3	ND	10	31	31											
MEAN																								

MONTH: **JUNE 07**

DATE	Monthly			TDS mg/L	Nitrate NO <sub>3</sub> -N mg/L
	pH at sample Collection	Ammonia Nitrite			
1					
2					
3					
4					
5					
6					
7					
8					
9	7	3	550	11	
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
TOTAL					
AVE					
DAILY MAX		3	550	11	
MEAN					

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

MONTH: JUNE Year: 2009

Canal Station R-1

DATE	DAY	TOTAL FLOW MGD	PH	Daily			TOTAL RESIDUAL CL mg/L	Monthly							TDS mg/L	Sulfate (SO4) mg/L	Potassium (K) mg/L	Calcium (Ca) mg/L	Magnesium (Mg) mg/L		
				EC μmhos/cm	TEMP deg F	DO mg/L		Turbidity NTU	Ammonia Nitrogen (NH3-N) mg/L	Ammonia Un-ionized (as N) mg/L	Nitrate NO3-N mg/L	TKN (as N) mg/L	Aluminum (Al) mg/L	Phosphorous Total (P) mg/L						Fecal Coliform MPN/100 ml	
1	m	85.95	7.8	38	68	<4.0	ND														
2	tu	89.18	7.8	38	67		ND														
3	w	89.18	7.5	41	62		ND														
4	th	85.3	7.5	38	67		ND														
5	f	84.66	7.5	43	64		ND														
6	sat	84.01	7.4	36	61		ND														
7	sun	84.01	8.1	37	61		ND														
8	tu	84.01	8.1	40	63		ND														
9	w	77.55	7.8	42	57		ND														
10	th	74.96	7.7	35	63		ND														
11	f	69.15	7.6	40	63	10.7	ND														
12	sat	65.91	7.8	42	68		ND														
13	sun	65.91	7.9	41	59		ND														
14	tu	62.66	7.4	38	60		ND														
15	w	65.91	7.7	38	60		ND														
16	th	88.33	7.1	38	67		ND														
17	f	91.77	7.8	42	70	0.87	ND														
18	sat	87.24	7.8	44	70		ND														
19	sun	89.18	7.1	32	66		ND														
20	tu	84.01	7.7	33	61		ND														
21	w	82.07	7.5	28	76		ND														
22	th	78.84	7.8	38	67		ND														
23	f	82.07	8	29	69		ND														
24	sat	85.95	7.1	26	71		ND														
25	sun	86.6	6.9	39	69		ND														
26	tu	80.78	7.7	38	69		ND														
27	w	87.24	7.6	38	61		ND														
28	th	84.66	7.6	38	61		ND														
29	f	87.24	7.4	29	72		ND														
30	sat	87.24	7.8	40	76		ND														
TOTAL AVE		2452	7.6	37	65		ND														
DAILY MAX MEAN		91.71	8.1	44	76		ND														

Submitted by: *Jenny Morales* Date: *7.30-09*

- NOTES
- As reported by FID if water is in the canal.
  - Discharge shall not cause changes to receiving waters as specified.
  - Change to Turbidity will be no more than 1 NTU when DSr-150 NTU's, 20% when DSr-150 NTU's, 10 NTU when DSr-150 NTU's, 10% when R-1-100 NTU's



MALAGA COUNTY WATER DISTRICT  
 WASTEWATER TREATMENT PLANT  
 MONITORING AND REPORTING PROGRAM NO. R5-2008-0033  
 NPDES NO. CA0084239

RECEIVING WATER CONDITIONS REPORT

Jun-09

WEEK 1 (Date)	R-1 6/3/2009	R-2 6/9/2009
Sample Time	9:am	9:am
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 2 (Date)	6/10/2009	6/10/2009
Sample Time	3:pm	3:pm
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 3 (Date)	6/17/2009	6/17/2009
Sample Time	N	N
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 4 (Date)	6/26/2009	6/26/2009
Sample Time	9:am	9:am
Floating or suspended matter (Y,N)	N	N
Discoloration (Y,N)	N	N
Bottom deposits (Y,N)	N	N
Aquatic life (Y,N)	N	N
Visible films, sheens, coatings (Y,N)	N	N
Fungi, slimes, or objectionable growths (Y,N)	N	N
Potential nuisance conditions (Y,N)	N	N
WEEK 5 (Date)		
Sample Time		
Floating or suspended matter (Y,N)		
Discoloration (Y,N)		
Bottom deposits (Y,N)		
Aquatic life (Y,N)		
Visible films, sheens, coatings (Y,N)		
Fungi, slimes, or objectionable growths (Y,N)		
Potential nuisance conditions (Y,N)		

Submitted by Randy Morales Date: 7-30-09

NOTE: Y=Yes  
N=No



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

June 09, 2009

Work Order #: 9F04011

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 06/04/09 . For your reference, these analyses have been assigned laboratory work order number 9F04011.

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

JUN 22 2009



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

Malaga County Water District	Project: Malaga Sewer Plant	Reported:
3580 S. Frank	Project Number: Analytical Services	06/09/2009
Fresno CA, 93725	Project Manager: Tony Morales	

### Analytical Report for Work Order 9F04011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff.</b>						Sampled: 06/01/09 07:30 <b>9F04011-01 (Waste Water)</b>				
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0417	06/04/09	06/04/09	EPA 120.1
<b>Tertiary Eff.</b>						Sampled: 06/01/09 07:30 <b>9F04011-02 (Waste Water)</b>				
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0417	06/04/09	06/04/09	EPA 120.1
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9F0412	06/04/09	06/04/09	SM 2540F
<b>Final Eff.</b>						Sampled: 06/02/09 08:00 <b>9F04011-03 (Waste Water)</b>				
Specific Conductance (EC)		840	1.0	1.0	µS/cm	1	T9F0417	06/04/09	06/04/09	EPA 120.1
<b>Tertiary Eff.</b>						Sampled: 06/02/09 08:00 <b>9F04011-04 (Waste Water)</b>				
Specific Conductance (EC)		840	1.0	1.0	µS/cm	1	T9F0417	06/04/09	06/04/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F0412	06/04/09	06/04/09	SM 2540F
<b>Final Eff.</b>						Sampled: 06/03/09 08:00 <b>9F04011-05 (Waste Water)</b>				
Specific Conductance (EC)		820	1.0	1.0	µS/cm	1	T9F0417	06/04/09	06/04/09	EPA 120.1
<b>Tertiary Eff.</b>						Sampled: 06/03/09 08:00 <b>9F04011-06 (Waste Water)</b>				
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0417	06/04/09	06/04/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F0412	06/04/09	06/04/09	SM 2540F

### Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



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June 16, 2009

Work Order #: 9F04012

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 06/04/09 . For your reference, these analyses have been assigned laboratory work order number 9F04012.

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

1 JUN 25 2009



2527 Fresno Street  
 Fresno, CA 93721  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/16/2009
---	---	-------------------------

### Analytical Report for Work Order 9F04012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>						Sampled: 06/03/09 10:00 9F04012-01 (Waste Water)				
Total Suspended Solids		180	40	11	mg/L	10	T9F0902	06/09/09	06/09/09	SM 2540D
Biochemical Oxygen Demand		73	30	30	mg/L	30	T9F0511	06/05/09	06/10/09	SM5210B
<b>Final Effluent</b>						Sampled: 06/03/09 15:37 9F04012-02 (Waste Water)				
Total Suspended Solids		4.2	4.0	1.1	mg/L	1	T9F0902	06/09/09	06/09/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F0806	06/05/09	06/05/09	SM 2540F
Biochemical Oxygen Demand		3.8	1.0	1.0	mg/L	1	T9F0511	06/05/09	06/10/09	SM5210B
<b>Tertiary Effluent</b>						Sampled: 06/03/09 15:37 9F04012-03 (Waste Water)				
Total Suspended Solids	J	1.6	4.0	1.1	mg/L	1	T9F0902	06/09/09	06/09/09	SM 2540D
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T9F0511	06/05/09	06/10/09	SM5210B

### Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- DUP A high RPD was observed between a sample and this sample's duplicate.
- BS The recovery observed in this Blank Spike QC sample is outside established control limits.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

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

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June 16, 2009

Work Order #: 9F05015

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 06/05/09 . For your reference, these analyses have been assigned laboratory work order number 9F05015.

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

JUN 25 2009



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/16/2009
---	---	-------------------------

### Analytical Report for Work Order 9F05015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/04/09 10:00 9F05015-01 (Waste Water)</span>										
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9F0810	06/05/09	06/05/09	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/04/09 10:00 9F05015-02 (Waste Water)</span>										
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9F0810	06/05/09	06/05/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F0806	06/05/09	06/05/09	SM 2540F
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/05/09 08:57 9F05015-03 (Waste Water)</span>										
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9F0810	06/05/09	06/05/09	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/05/09 09:03 9F05015-04 (Waste Water)</span>										
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9F0810	06/05/09	06/05/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F0806	06/05/09	06/05/09	SM 2540F
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/04/09 17:00 9F05015-05 (Waste Water)</span>										
Turbidity		1.6	0.020	0.020	NTU	1	T9F0816	06/05/09	06/05/09	EPA 180.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/05/09 09:30 9F05015-06 (Waste Water)</span>										
Total Coliforms		<2	2.0		MPN/100mL	1	T9F0517	06/05/09	06/07/09	SM9221B/E/F

### Notes and Definitions

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

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

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June 15, 2009

Work Order #: 9F08010

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 06/08/09 . For your reference, these analyses have been assigned laboratory work order number 9F08010.

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

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

Sincerely,

**Moore Twining Associates, Inc.**

Ronald J. Boquist  
Director of Analytical Chemistry



2527 Fresno Street  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/15/2009
---	---	-------------------------

### Analytical Report for Work Order 9F08010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff.</b>					Sampled: 06/06/09 08:00 9F08010-01 (Waste Water)					
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
<b>Tertiary Eff.</b>					Sampled: 06/06/09 08:00 9F08010-02 (Waste Water)					
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1015	06/08/09	06/08/09	SM 2540F
<b>Final Eff.</b>					Sampled: 06/07/09 08:15 9F08010-03 (Waste Water)					
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
<b>Tertiary Eff.</b>					Sampled: 06/07/09 08:15 9F08010-04 (Waste Water)					
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1015	06/08/09	06/08/09	SM 2540F
<b>Final Eff.</b>					Sampled: 06/08/09 08:50 9F08010-05 (Waste Water)					
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
<b>Tertiary Eff.</b>					Sampled: 06/08/09 08:50 9F08010-06 (Waste Water)					
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1015	06/08/09	06/08/09	SM 2540F

### Notes and Definitions

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

Moore Twining Associates, Inc.

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

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June 16, 2009

Work Order #: 9F08011

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

RE: Malaga Sewer Plant

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Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist  
Director of Analytical Chemistry

JUN 25 2009



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/16/2009
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**Analytical Report for Work Order 9F08011**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 06/06/09 05:45 9F08011-01 (Waste Water)										
<b>Tertiary Eff.</b>										
Turbidity		0.79	0.020	0.020	NTU	1	T9F0815	06/08/09	06/08/09	EPA 180.1

**Notes and Definitions**

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

**Inorganics - Quality Control**

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

**Batch T9F0815**

Prepared & Analyzed: 06/08/09										
<b>LCS (T9F0815-BS1)</b>										
Turbidity		10.0	0.020	NTU	10.0		100	80-120		20
Prepared & Analyzed: 06/08/09										
<b>LCS Dup (T9F0815-BSD1)</b>										
Turbidity		10.0	0.020	NTU	10.0		100	80-120	0.00	20
Source: 9F05024-01 Prepared & Analyzed: 06/08/09										
<b>Duplicate (T9F0815-DUP1)</b>										
Turbidity		0.140	0.020	NTU		0.130			7.41	20

Moore Twining Associates, Inc.

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

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Fresno, CA 93721  
(559) 268-7021 Phone  
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June 15, 2009

Work Order #: 9F08010

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 06/08/09 . For your reference, these analyses have been assigned laboratory work order number 9F08010.

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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

JUN 25 2009



2527 Fresno Street  
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/15/2009
---	---	-------------------------

### Analytical Report for Work Order 9F08010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/06/09 08:00 9F08010-01 (Waste Water)</span>										
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/06/09 08:00 9F08010-02 (Waste Water)</span>										
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1015	06/08/09	06/08/09	SM 2540F
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/07/09 08:15 9F08010-03 (Waste Water)</span>										
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/07/09 08:15 9F08010-04 (Waste Water)</span>										
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1015	06/08/09	06/08/09	SM 2540F
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/08/09 08:50 9F08010-05 (Waste Water)</span>										
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/08/09 08:50 9F08010-06 (Waste Water)</span>										
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9F0811	06/08/09	06/08/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1015	06/08/09	06/08/09	SM 2540F

#### Notes and Definitions

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

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

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

June 23, 2009

Work Order #: 9F09013

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 06/09/09 . For your reference, these analyses have been assigned laboratory work order number 9F09013.

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

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

Sincerely,

**Moore Twining Associates, Inc.**

Ronald J. Boquist  
Director of Analytical Chemistry

JUL 06 2009



2527 Fresno Street  
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Malaga County Water District  
 3580 S. Frank  
 Fresno CA, 93725

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

Reported:  
 6/23/09

**Tertiary Effluent Station R1**  
 9F09013-01 (Surface Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Inorganics</b>										
Ammonia as N		ND	1.0	0.48	mg/L	1	T9F1803	06/18/09	06/19/09	EPA 350.1
Ammonia-Unionized		ND	0.019		mg/L	1	T9F1803	06/18/09	06/19/09	[CALC]
Specific Conductance (EC)		42	1.0	1.0	µS/cm	1	T9F1026	06/10/09	06/10/09	EPA 120.1
Nitrate as Nitrogen		ND	0.45		mg/L	1	[CALC]	06/10/09	06/10/09	EPA 300.0
Nitrate as NO3	J	1.2	2.0	0.30	mg/L	1	T9F1001	06/10/09	06/10/09	EPA 300.0
Phosphorus		ND	0.10	0.083	mg/L	1	T9F1619	06/16/09	06/18/09	EPA 365.4
Total Kjeldahl Nitrogen	J	0.40	1.0	0.36	mg/L	1	T9F1619	06/16/09	06/18/09	EPA 351.2
Turbidity		3.0	0.020	0.020	NTU	1	T9F1024	06/10/09	06/10/09	EPA 180.1
<b>Metals - Totals</b>										
Aluminum		0.10	0.050	0.0072	mg/L	1	T9F1119	06/11/09	06/12/09	EPA 200.7



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: 6/23/09
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**Tertiary Effluent Station R2**  
 9F09013-02 (Surface Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Inorganics</b>										
Ammonia as N		ND	1.0	0.48	mg/L	1	T9F1803	06/18/09	06/19/09	EPA 350.1
Ammonia-Unionized		ND	0.015		mg/L	1	T9F1803	06/18/09	06/19/09	[CALC]
Specific Conductance (EC)		44	1.0	1.0	µS/cm	1	T9F1026	06/10/09	06/10/09	EPA 120.1
Nitrate as Nitrogen		ND	0.45		mg/L	1	[CALC]	06/10/09	06/10/09	EPA 300.0
Nitrate as NO3	J	1.3	2.0	0.30	mg/L	1	T9F1001	06/10/09	06/10/09	EPA 300.0
Phosphorus		ND	0.10	0.083	mg/L	1	T9F1619	06/16/09	06/18/09	EPA 365.4
Total Kjeldahl Nitrogen	J	0.82	1.0	0.36	mg/L	1	T9F1619	06/16/09	06/18/09	EPA 351.2
Turbidity		3.5	0.020	0.020	NTU	1	T9F1024	06/10/09	06/10/09	EPA 180.1
<b>Metals - Totals</b>										
Aluminum		0.11	0.050	0.0072	mg/L	1	T9F1119	06/11/09	06/12/09	EPA 200.7

TRANSMISSION VERIFICATION REPORT

TIME : 06/23/2009 16:35  
NAME : MOORE TWINING  
FAX : 559-268-0740  
TEL :  
SER. # : BROM6J587647

DATE, TIME	06/23 16:33
FAX NO. /NAME	4951070
DURATION	00:01:41
PAGE(S)	10
RESULT	OK
MODE	STANDARD ECM



California ELAP Certificate # 1371

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

June 23, 2009

Work Order #: 9F09013

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 06/09/09 . For your reference, these analyses have been assigned laboratory work order number 9F09013.

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.



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: 6/23/09
---	---	----------------------

**Final Eff.**  
 9F09013-03 (Waste Water)

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

Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9F1026	06/10/09	06/10/09	EPA 120.1
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**Notes and Definitions**

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



# CHAIN OF CUSTODY/ANALYSIS REQUEST

2527 FRESNO STREET • FRESNO, CA 93721 • PHONE (559) 268-7021 • FAX: (559) 268-0740

WORK ORDER #: 9F09013  
PAGE 1 OF 1

ANALYTICAL CHEMISTRY DIVISION  
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:  INVOICE TO:  REPORT COPY TO:  REPORTING:

ATTENTION: Tony Morales	ATTENTION: Laurie Cortez	<input type="checkbox"/> STANDARD PRINTED REPORT
NAME: Malaga County Water District	NAME: Malaga County Water District	<input type="checkbox"/> WRITE-ON (STATE FORM)
ADDRESS: 3580 S. Frank	ADDRESS: 3580 S. Frank	<input type="checkbox"/> GEOTRACKER/COELT (LUFT)
Fresno, CA 93725	Fresno, CA 93725	<input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET
PHONE: 485-7353	PHONE: 485-7353	<input type="checkbox"/> County DHS:
FAX: 495-1070	FAX: 485-7319	<input type="checkbox"/> Environmental Health Agency:
		<input type="checkbox"/> OTHER:

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): Tony Morales	SIGNATURE: Tony Morales	SOLID: BS - BIOSOLID, CR - CERAMIC, SL - SOIL/SOLID	CONTRACT/P.O. NO.:
<input type="checkbox"/> PUBLIC SYSTEM <input checked="" type="checkbox"/> ROUTINE	<input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT	LIVID: DW - DRINKING WATER, GW - GROUND WATER, OL - OIL, SF - SURFACE WATER, ST - STORM WATER, WW - WASTE WATER	PROJECT: Malaga sewer plant
<input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT	TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input checked="" type="checkbox"/> STANDARD		PROJECT NUMBER:
			PROJECT MANAGER:

ANALYSIS REQUESTED

Aluminum, Ammonia, Ammonia-N, NO3-N, TKN, Total-P, Turbidity, EC

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED								LAB USE
	CLIENT SAMPLE ID	DATE	TIME	TYPE	Aluminum	Ammonia	Ammonia-N	NO3-N	TKN	Total-P	Turbidity	EC	
	Tertiary Eff Station R-1	6-9-09	8:17 AM	SF	X	X	X	X	X	X	X	X	250 P 3 X 500 P H2504 500 P HND3
	Tertiary Eff Station R-2	6-9-09	9:11 AM	SF	X	X	X	X	X	X	X	X	3 X 500 P H2504 1 LP HND3 500 P
	Final Eff	6-9-09	9:11 AM	WW								X	250 P

COMMENTS/ADDITIONAL INSTRUCTIONS:  
R-1 = pH=7.8 Temp 57°F / R-2 = pH=7.7 / Temp. 56°F at Time of sampling

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
Tony Morales	Malaga County Water District	6-9-09	1335	Ken Beav	MHA



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

June 23, 2009

Work Order #: 9F09011

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 06/09/09 . For your reference, these analyses have been assigned laboratory work order number 9F09011.

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

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

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist  
Director of Analytical Chemistry

JUL 06 2009



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: 6/23/09
---	---	----------------------

**Tertiary Eff.**  
 9F09011-01 (Waste Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Inorganics</b>										
Chloride		48	4.0	0.30	mg/L	2	T9F1601	06/16/09	06/16/09	EPA 300.0
Cyanide (total)		ND	5.0	2.8	µg/L	1	T9F1104	06/10/09	06/15/09	SM4500CN-E
Fluoride		0.97	0.10	0.063	mg/L	1	T9F1001	06/10/09	06/10/09	EPA 300.0
<b>Metals - Totals</b>										
Aluminum		0.059	0.050	0.0072	mg/L	1	T9F1119	06/11/09	06/12/09	EPA 200.7
Boron		0.12	0.050	0.00083	mg/L	1	T9F1119	06/11/09	06/12/09	EPA 200.7
Copper		0.045	0.0050	0.00095	mg/L	1	T9F1119	06/11/09	06/12/09	EPA 200.7
<b>Semi-Volatile Organics</b>										
Diazinon		ND	0.25	0.015	µg/L	1	T9F1020	06/10/09	06/11/09	EPA 507
<i>Surrogate: 1,3-Dimethyl-2-nitrobenzene</i>				97.3 %	0-200		T9F1020	06/10/09	06/11/09	EPA 507
<b>Volatile Organics</b>										
Bromodichloromethane		21	1.0	0.26	µg/L	2	T9F1003	06/10/09	06/10/09	EPA 524.2
Dibromochloromethane		31	1.0	0.44	µg/L	2	T9F1003	06/10/09	06/10/09	EPA 524.2
Bromoform		10	1.0	0.44	µg/L	2	T9F1003	06/10/09	06/10/09	EPA 524.2
<i>Surrogate: Toluene-d8</i>				93.5 %	80-120		T9F1003	06/10/09	06/10/09	EPA 524.2
<i>Surrogate: Dibromofluoromethane</i>				98.0 %	80-120		T9F1003	06/10/09	06/10/09	EPA 524.2
<i>Surrogate: 4-Bromofluorobenzene</i>				111 %	80-120		T9F1003	06/10/09	06/10/09	EPA 524.2

**Notes and Definitions**

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



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

June 23, 2009

Work Order #: 9F09012

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 06/09/09 . For your reference, these analyses have been assigned laboratory work order number 9F09012.

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

1 JUL 06 2009



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

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

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

Reported:  
 6/23/09

**Tertiary Eff.**  
 9F09012-01 (Waste Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Inorganics</b>										
Ammonia as N		ND	1.0	0.48	mg/L	1	T9F1803	06/18/09	06/19/09	EPA 350.1
Biochemical Oxygen Demand		1.8	1.0	1.0	mg/L	1	T9F1017	06/10/09	06/15/09	SM5210B
Specific Conductance (EC)		600	1.0	1.0	µS/cm	1	T9F1026	06/10/09	06/10/09	EPA 120.1
Nitrate as NO3	HD	49	4.0	0.60	mg/L	2	T9F1601	06/16/09	06/16/09	EPA 300.0
Nitrite as NO2		ND	1.0	0.085	mg/L	1	T9F1001	06/10/09	06/10/09	EPA 300.0
Phosphorus		3.3	0.10	0.083	mg/L	1	T9F1619	06/16/09	06/18/09	EPA 365.4
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1016	06/10/09	06/10/09	SM 2540F
Total Dissolved Solids		550	10	8.1	mg/L	1	T9F1506	06/15/09	06/16/09	SM 2540C
Total Kjeldahl Nitrogen		2.4	1.0	0.36	mg/L	1	T9F1619	06/16/09	06/18/09	EPA 351.2
Nitrate as Nitrogen		11	0.90		mg/L	2	[CALC]	06/16/09	06/16/09	[CALC]
Nitrite as Nitrogen		ND	0.30		mg/L	1	[CALC]	06/16/09	06/10/09	[CALC]
Total Nitrogen		13	2.2		mg/L	2	[CALC]	06/16/09	06/18/09	[CALC]
Total Suspended Solids	J	1.2	4.0	1.1	mg/L	1	T9F1209	06/12/09	06/16/09	SM 2540D
Turbidity		1.4	0.020	0.020	NTU	1	T9F1024	06/10/09	06/10/09	EPA 180.1

**Notes and Definitions**

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- HD Sample was originally analyzed within the EPA recommended holding time. However, it was reanalyzed with a dilution to confirm the result due to a high concentration of the target parameter.
- DUP A high RPD was observed between a sample and this sample's duplicate.
- ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
- NR Not Reported
- RPD Relative Percent Difference
- MDL Method Detection Limit





California ELAP Certificate #1371

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

June 18, 2009

Work Order #: 9F10020

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 06/10/09 . For your reference, these analyses have been assigned laboratory work order number 9F10020.

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

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

Sincerely,

Moore Twining Associates, Inc.

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

Ronald J. Boquist  
Director of Analytical Chemistry



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

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

Project: Malaga Water Department  
Project Number: Analytical Services  
Project Manager: Richard Ochoa

Reported:  
6/18/09

### Analytical Report for Work Order 9F10020

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Well #1</b> <span style="float: right;">Sampled: 06/10/09 13:18 9F10020-01 (Drinking Water - Public/Routine)</span>								
Specific Conductance (EC)	360	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Nitrate as Nitrogen	4.1	0.45	mg/L	1	[CALC]	06/11/09	06/11/09	EPA 300.0
Nitrate as NO <sub>3</sub>	15	2.0	mg/L	1	T9F1102	06/11/09	06/11/09	EPA 300.0
Total Coliforms	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/12/09	SM9221B/E/F
E. Coli	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
<b>Well #6</b> <span style="float: right;">Sampled: 06/10/09 13:07 9F10020-02 (Drinking Water - Public/Routine)</span>								
Specific Conductance (EC)	280	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Nitrate as Nitrogen	2.7	0.45	mg/L	1	[CALC]	06/11/09	06/11/09	EPA 300.0
Nitrate as NO <sub>3</sub>	12	2.0	mg/L	1	T9F1102	06/11/09	06/11/09	EPA 300.0
Total Coliforms	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
E. Coli	< 1.1	1.1	MPN/100ml.	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
<b>Well #7</b> <span style="float: right;">Sampled: 06/10/09 13:52 9F10020-03 (Drinking Water - Public/Routine)</span>								
Specific Conductance (EC)	250	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Nitrate as Nitrogen	2.2	0.45	mg/L	1	[CALC]	06/11/09	06/11/09	EPA 300.0
Nitrate as NO <sub>3</sub>	9.7	2.0	mg/L	1	T9F1102	06/11/09	06/11/09	EPA 300.0
Total Coliforms	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
E. Coli	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
<b>Resident 3672 Calvin</b> <span style="float: right;">Sampled: 06/10/09 12:50 9F10020-04 (Drinking Water - Public/Routine)</span>								
Total Coliforms	Absent		N/A	1	T9F1111	06/10/09	06/11/09	SM9223B
E. Coli	Absent		N/A	1	T9F1111	06/10/09	06/11/09	SM9223B

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 analysed 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

June 22, 2009

Work Order #: 9F11013

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 06/11/09 . For your reference, these analyses have been assigned laboratory work order number 9F11013.

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: 06/22/2009
---	---	-------------------------

### Analytical Report for Work Order 9F11013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/10/09 08:00 9F11013-01 (Waste Water)</span>										
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
<b>Tertiary Effluent</b> <span style="float: right;">Sampled: 06/10/09 08:00 9F11013-02 (Waste Water)</span>										
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1205	06/12/09	06/12/09	SM 2540F
<b>Raw Wastewater</b> <span style="float: right;">Sampled: 06/10/09 09:00 9F11013-03 (Waste Water)</span>										
Total Suspended Solids		110	20	5.7	mg/L	5	T9F1708	06/17/09	06/18/09	SM 2540D
Biochemical Oxygen Demand		38	30	30	mg/L	30	T9F1212	06/12/09	06/17/09	SM5210B
<b>Final Effluent</b> <span style="float: right;">Sampled: 06/10/09 16:00 9F11013-04 (Waste Water)</span>										
Nitrate as Nitrogen		12	0.90		mg/L	2	[CALC]	06/12/09	06/12/09	EPA 300.0
Nitrate as NO3	HD	52	4.0	0.60	mg/L	2	T9F1204	06/12/09	06/12/09	EPA 300.0
Total Suspended Solids	J	1.4	4.0	1.1	mg/L	1	T9F1708	06/17/09	06/18/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1205	06/12/09	06/12/09	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T9F1212	06/12/09	06/17/09	SM5210B
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/11/09 10:35 9F11013-05 (Waste Water)</span>										
Specific Conductance (EC)		700	1.0	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
<b>Tertiary Effluent</b> <span style="float: right;">Sampled: 06/11/09 10:35 9F11013-06 (Waste Water)</span>										
Specific Conductance (EC)		830	1.0	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1205	06/12/09	06/12/09	SM 2540F

### Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
HD	Sample was originally analyzed within the EPA recommended holding time. However, it was reanalyzed with a dilution to confirm the result due to a high concentration of the target parameter.
µg/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

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

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



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

June 19, 2009

Work Order #: 9F12015

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 06/12/09 . For your reference, these analyses have been assigned laboratory work order number 9F12015.

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

JUN 25 2009



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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/19/2009
---	---	-------------------------

### Analytical Report for Work Order 9F12015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Eff</b> <span style="float: right;">Sampled: 06/12/09 11:30 9F12015-01 (Waste Water)</span>										
Total Coliforms		<2	2.0		MPN/100mL	1	T9F1301	06/12/09	06/14/09	SM9221B/E/F
<b>Final Eff.</b> <span style="float: right;">Sampled: 06/12/09 11:00 9F12015-02 (Waste Water)</span>										
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9F1214	06/12/09	06/12/09	EPA 120.1
<b>Tertiary Eff</b> <span style="float: right;">Sampled: 06/12/09 11:00 9F12015-03 (Waste Water)</span>										
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9F1214	06/12/09	06/12/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1205	06/12/09	06/12/09	SM 2540F

#### Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



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

June 22, 2009

Work Order #: 9F16017

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 06/16/09 . For your reference, these analyses have been assigned laboratory work order number 9F16017.

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

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

Sincerely,

**Moore Twining Associates, Inc.**

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

Ronald J. Boquist  
Director of Analytical Chemistry

JUL 07 2009



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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 06/22/2009
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### Analytical Report for Work Order 9F16017

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Final Eff</b>					Sampled: 06/13/09 07:30 <b>9F16017-01 (Waste Water)</b>						
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/13/09 07:30 <b>9F16017-02 (Waste Water)</b>						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9F1622	06/16/09	06/16/09	SM 2540F	
<b>Final Eff</b>					Sampled: 06/14/09 08:00 <b>9F16017-03 (Waste Water)</b>						
Specific Conductance (EC)		800	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/14/09 08:00 <b>9F16017-04 (Waste Water)</b>						
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1622	06/16/09	06/16/09	SM 2540F	
<b>Final Eff</b>					Sampled: 06/15/09 10:00 <b>9F16017-05 (Waste Water)</b>						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/15/09 10:00 <b>9F16017-06 (Waste Water)</b>						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1622	06/16/09	06/16/09	SM 2540F	
<b>Final Eff</b>					Sampled: 06/16/09 08:00 <b>9F16017-07 (Waste Water)</b>						
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/16/09 08:00 <b>9F16017-08 (Waste Water)</b>						
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T9F1626	06/16/09	06/16/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1622	06/16/09	06/16/09	SM 2540F	

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

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June 29, 2009

Work Order #: 9F18021

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 06/18/09 . For your reference, these analyses have been assigned laboratory work order number 9F18021.

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: 06/29/2009
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**Analytical Report for Work Order 9F18021**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>										
Sampled: 06/17/09 11:00 9F18021-01 (Waste Water)										
Total Suspended Solids		460	100	28	mg/L	25	T9F2314	06/23/09	06/26/09	SM 2540D
Biochemical Oxygen Demand		490	100	100	mg/L	100	T9F1909	06/19/09	06/24/09	SM5210B
<b>Final Eff</b>										
Sampled: 06/17/09 16:00 9F18021-02 (Waste Water)										
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T9F2314	06/23/09	06/26/09	SM 2540D
Total Settlicable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1910	06/19/09	06/19/09	SM 2540F
Biochemical Oxygen Demand		1.4	1.0	1.0	mg/L	1	T9F1909	06/19/09	06/24/09	SM5210B
<b>Tertiary Eff</b>										
Sampled: 06/17/09 14:00 9F18021-03 (Waste Water)										
Turbidity		0.98	0.020	0.020	NTU	1	T9F2210	06/19/09	06/19/09	EPA 180.1
<b>Tertiary Eff Station R-1</b>										
Sampled: 06/17/09 14:30 9F18021-04 (Surface Water)										
Turbidity		0.87	0.020	0.020	NTU	1	T9F2210	06/19/09	06/19/09	EPA 180.1
<b>Tertiary Eff Station R-2</b>										
Sampled: 06/17/09 14:30 9F18021-05 (Surface Water)										
Turbidity		1.1	0.020	0.020	NTU	1	T9F2210	06/19/09	06/19/09	EPA 180.1
<b>Final Eff</b>										
Sampled: 06/17/09 08:00 9F18021-06 (Waste Water)										
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T9F1812	06/18/09	06/18/09	EPA 120.1
<b>Tertiary Eff</b>										
Sampled: 06/17/09 08:00 9F18021-07 (Waste Water)										
Specific Conductance (EC)		700	1.0	1.0	µS/cm	1	T9F1812	06/18/09	06/18/09	EPA 120.1
Total Settlicable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F1910	06/19/09	06/19/09	SM 2540F

**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

Moore Twining Associates, Inc.

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

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June 30, 2009

Work Order #: 9F19015

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 06/19/09 . For your reference, these analyses have been assigned laboratory work order number 9F19015.

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: 06/30/2009
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### Analytical Report for Work Order 9F19015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Tertiary Eff</b>					<b>Sampled: 06/18/09 14:34 9F19015-01 (Waste Water)</b>					
Total Suspended Solids	J	2.8	4.0	1.1	mg/L	1	T9F2514	06/25/09	06/29/09	SM 2540D
Biochemical Oxygen Demand		7.0	3.0	3.0	mg/L	3	T9F1909	06/19/09	06/24/09	SMS210B
<b>Tertiary Eff</b>					<b>Sampled: 06/19/09 11:30 9F19015-02 (Waste Water)</b>					
Total Coliforms		< 2	2.0		MPN/100mL	1	T9F2003	06/19/09	06/21/09	SM9221B/E/F

### Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DUP	A high RPD was observed between a sample and this sample's duplicate.
_3x5	< 2
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

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

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June 24, 2009

Work Order #: 9F22015

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 06/22/09 . For your reference, these analyses have been assigned laboratory work order number 9F22015.

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

JUL 06 2009



2527 Fresno Street  
 Fresno, CA 93721  
 (559) 268-7021 Phone  
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Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	06/24/2009

**Analytical Report for Work Order 9F22015**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff</b>					<b>Sampled: 06/18/09 08:30 9F22015-01 (Waste Water)</b>					
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
<b>Tertiary Eff</b>					<b>Sampled: 06/18/09 13:48 9F22015-02 (Waste Water)</b>					
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9F2223	06/22/09	06/22/09	SM 2540F
<b>Final Eff</b>					<b>Sampled: 06/19/09 12:00 9F22015-03 (Waste Water)</b>					
Specific Conductance (EC)		820	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
<b>Tertiary Eff</b>					<b>Sampled: 06/19/09 08:00 9F22015-04 (Waste Water)</b>					
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9F2223	06/22/09	06/22/09	SM 2540F
<b>Final Eff</b>					<b>Sampled: 06/20/09 08:00 9F22015-05 (Waste Water)</b>					
Specific Conductance (EC)		790	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
<b>Tertiary Eff</b>					<b>Sampled: 06/20/09 08:00 9F22015-06 (Waste Water)</b>					
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F2223	06/22/09	06/22/09	SM 2540F
<b>Final Eff</b>					<b>Sampled: 06/21/09 08:30 9F22015-07 (Waste Water)</b>					
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
<b>Tertiary Eff</b>					<b>Sampled: 06/21/09 08:30 9F22015-08 (Waste Water)</b>					
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T9F2220	06/22/09	06/22/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F2223	06/22/09	06/22/09	SM 2540F

Moore Twining Associates, Inc.

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

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June 29, 2009

Work Order #: 9F24009

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 06/24/09 . For your reference, these analyses have been assigned laboratory work order number 9F24009.

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: 06/29/2009
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**Analytical Report for Work Order 9F24009**

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Final Eff.</b>					Sampled: 06/22/09 09:30 9F24009-01 (Waste Water)						
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9F2411	06/24/09	06/24/09	EPA 120.1	
<b>Tertiary Eff.</b>					Sampled: 06/22/09 09:30 9F24009-02 (Waste Water)						
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9F2411	06/24/09	06/24/09	EPA 120.1	
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9F2506	06/25/09	06/25/09	SM 2540F	
<b>Final Eff.</b>					Sampled: 06/23/09 14:00 9F24009-03 (Waste Water)						
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9F2411	06/24/09	06/24/09	EPA 120.1	
<b>Tertiary Eff.</b>					Sampled: 06/23/09 14:00 9F24009-04 (Waste Water)						
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T9F2411	06/24/09	06/24/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F2506	06/25/09	06/25/09	SM 2540F	
<b>Final Eff.</b>					Sampled: 06/24/09 09:10 9F24009-05 (Waste Water)						
Specific Conductance (EC)		800	1.0	1.0	µS/cm	1	T9F2411	06/24/09	06/24/09	EPA 120.1	
<b>Tertiary Eff.</b>					Sampled: 06/24/09 09:10 9F24009-06 (Waste Water)						
Specific Conductance (EC)		700	1.0	1.0	µS/cm	1	T9F2411	06/24/09	06/24/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F2506	06/25/09	06/25/09	SM 2540F	

**Notes and Definitions**

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

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

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July 08, 2009

Work Order #: 9F25016

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 06/25/09 . For your reference, these analyses have been assigned laboratory work order number 9F25016.

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

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

Sincerely,

**Moore Twining Associates, Inc.**

Ronald J. Boquist  
Director of Analytical Chemistry



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

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

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

Reported:  
07/08/2009

### Analytical Report for Work Order 9F25016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>						Sampled: 06/24/09 08:30 <b>9F25016-01 (Waste Water)</b>				
Total Suspended Solids		130	20	5.7	mg/L	5	T9G0110	07/01/09	07/02/09	SM 2540D
Biochemical Oxygen Demand		62	30	30	mg/L	30	T9F2618	06/26/09	07/01/09	SM5210B
<b>Final Eff.</b>						Sampled: 06/24/09 16:00 <b>9F25016-02 (Waste Water)</b>				
Total Suspended Solids	J	2.2	4.0	1.1	mg/L	1	T9G0110	07/01/09	07/02/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F2621	06/26/09	06/26/09	SM 2540F
Biochemical Oxygen Demand		3.4	1.0	1.0	mg/L	1	T9F2618	06/26/09	07/01/09	SM5210B
<b>Tertiary Eff.</b>						Sampled: 06/24/09 16:00 <b>9F25016-03 (Waste Water)</b>				
Turbidity		1.0	0.020	0.020	NTU	1	T9F2907	06/26/09	06/26/09	EPA 180.1
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T9G0110	07/01/09	07/02/09	SM 2540D
Biochemical Oxygen Demand		2.0	1.0	1.0	mg/L	1	T9F2618	06/26/09	07/01/09	SM5210B

### Notes and Definitions

RL	A high RPD was observed due to the low concentration of the target analyte.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Moore Twining Associates, Inc.

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

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July 16, 2009

Work Order #: 9F26013

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 06/26/09 . For your reference, these analyses have been assigned laboratory work order number 9F26013.

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

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

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist  
Director of Analytical Chemistry



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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/16/2009
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### Analytical Report for Work Order 9F26013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Final Eff</b> <span style="float: right;">Sampled: 06/25/09 10:00 9F26013-01 (Waste Water)</span>										
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9F2905	06/26/09	06/26/09	EPA 120.1
<b>Tertiary Eff.</b> <span style="float: right;">Sampled: 06/25/09 10:00 9F26013-02 (Waste Water)</span>										
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T9F2905	06/26/09	06/26/09	EPA 120.1
<b>Tertiary Eff</b> <span style="float: right;">Sampled: 06/25/09 11:45 9F26013-03 (Waste Water)</span>										
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F2621	06/26/09	06/26/09	SM 2540F
<b>Tertiary Eff</b> <span style="float: right;">Sampled: 06/26/09 13:30 9F26013-04 (Waste Water)</span>										
Total Coliforms		< 2	2.0		MPN/100mL	1	T9F2702	06/26/09	06/28/09	SM9221B/E/F
<b>Tertiary Eff Station R-1</b> <span style="float: right;">Sampled: 06/26/09 13:26 9F26013-05 (Surface Water)</span>										
Fecal Coliforms		80	2.0		MPN/100mL	1	T9F2702	06/26/09	06/29/09	SM9221B/E/F
<b>Tertiary Eff Station R-2</b> <span style="float: right;">Sampled: 06/26/09 13:32 9F26013-06 (Surface Water)</span>										
Fecal Coliforms		130	2.0		MPN/100mL	1	T9F2702	06/26/09	06/28/09	SM9221B/E/F

### Notes and Definitions

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

Moore Twining Associates, Inc.

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

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Fresno, CA 93721  
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(559) 268-0740 Fax

July 16, 2009

Work Order #: 9F29029

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 06/29/09. For your reference, these analyses have been assigned laboratory work order number 9F29029.

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

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

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist  
Director of Analytical Chemistry



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

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

### Analytical Report for Work Order 9F29029

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
<b>Final Eff</b>					Sampled: 06/26/09 13:30 9F29029-01 (Waste Water)						
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T9F2915	06/29/09	06/29/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/26/09 13:30 9F29029-02 (Waste Water)						
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T9F2915	06/29/09	06/29/09	EPA 120.1	
Total Settleable Solids	HR	ND	0.10	0.10	mL/L/Hr	1	T9F3005	06/29/09	06/29/09	SM 2540F	
<b>Final Eff</b>					Sampled: 06/27/09 08:00 9F29029-03 (Waste Water)						
Specific Conductance (EC)		800	1.0	1.0	µS/cm	1	T9F2915	06/29/09	06/29/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/27/09 08:00 9F29029-04 (Waste Water)						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9F2915	06/29/09	06/29/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F3005	06/29/09	06/29/09	SM 2540F	
<b>Final Eff</b>					Sampled: 06/28/09 08:00 9F29029-05 (Waste Water)						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T9F2915	06/29/09	06/29/09	EPA 120.1	
<b>Tertiary Eff</b>					Sampled: 06/28/09 08:00 9F29029-06 (Waste Water)						
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9F2915	06/29/09	06/29/09	EPA 120.1	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9F3005	06/29/09	06/29/09	SM 2540F	

### Notes and Definitions

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

Moore Twining Associates, Inc.

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

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2527 Fresno Street  
Fresno, CA 93721  
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**Analytical Chemistry Division - California ELAP # 1371**

July 8, 2009

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

RE: BOD Hold-Time (Work Order 9F30015)

Dear Mr. Morales:

Raw Wastewater, Final Effluent, and Tertiary Effluent samples were collected on June 29, 2009 and were submitted for BOD analysis on June 30, 2009. Due to analyst error, these samples were set up for BOD analysis one day past the EPA recommended hold-time of 48 hours.

We have reviewed our procedures and have corrected this issue.

We apologize for this situation and for any inconvenience this may have caused you. Please feel free to contact me at (559) 268-7021 if you have any questions.

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



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

July 16, 2009

Work Order #: 9F30015

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 06/30/09 . For your reference, these analyses have been assigned laboratory work order number 9F30015.

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

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

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist  
Director of Analytical Chemistry



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Fresno, CA 93721  
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(559) 268-0740 Fax

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 07/16/2009
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### Analytical Report for Work Order 9F30015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Raw Wastewater</b>										
Sampled: 06/29/09 10:00 9F30015-01 (Waste Water)										
Total Suspended Solids		140	40	11	mg/L	10	T9G0607	07/06/09	07/08/09	SM 2540D
Biochemical Oxygen Demand	HT	410	100	100	mg/L	100	T9G0213	07/02/09	07/07/09	SM5210B
<b>Final Effluent</b>										
Sampled: 06/29/09 15:35 9F30015-02 (Waste Water)										
Nitrate as Nitrogen		14	0.90		mg/L	2	[CALC]	07/02/09	07/02/09	EPA 300.0
Nitrate as NO3	HD	62	4.0	0.60	mg/L	2	T9G0205	07/02/09	07/02/09	EPA 300.0
Total Suspended Solids	J	1.4	4.0	1.1	mg/L	1	T9G0607	07/06/09	07/08/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0102	07/01/09	07/01/09	SM 2540F
Biochemical Oxygen Demand	HT	1.5	1.0	1.0	mg/L	1	T9G0213	07/02/09	07/07/09	SM5210B
<b>Tertiary Effluent</b>										
Sampled: 06/29/09 15:30 9F30015-03 (Waste Water)										
Turbidity		0.91	0.020	0.020	NTU	1	T9G0119	07/01/09	07/01/09	EPA 180.1
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T9G0607	07/06/09	07/08/09	SM 2540D
Biochemical Oxygen Demand	HT	1.4	1.0	1.0	mg/L	1	T9G0213	07/02/09	07/07/09	SM5210B
<b>Final Eff</b>										
Sampled: 06/29/09 11:00 9F30015-04 (Waste Water)										
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T9G0118	07/01/09	07/01/09	EPA 120.1
<b>Tertiary Eff</b>										
Sampled: 06/29/09 11:00 9F30015-05 (Waste Water)										
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T9G0118	07/01/09	07/01/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0102	07/01/09	07/01/09	SM 2540F
<b>Final Eff</b>										
Sampled: 06/30/09 09:00 9F30015-06 (Waste Water)										
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T9G0118	07/01/09	07/01/09	EPA 120.1
<b>Tertiary Eff</b>										
Sampled: 06/30/09 09:00 9F30015-07 (Waste Water)										
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9G0118	07/01/09	07/01/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9G0102	07/01/09	07/01/09	SM 2540F

Moore Twining Associates, Inc.

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

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California ELAP Certificate #1371

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

June 18, 2009

Work Order #: 9F10020

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 06/10/09 . For your reference, these analyses have been assigned laboratory work order number 9F10020.

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



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: 6/18/09
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### Analytical Report for Work Order 9F10020

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Well #1</b> Sampled: 06/10/09 13:18 9F10020-01 (Drinking Water - Public/Routine)								
Specific Conductance (EC)	360	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Nitrate as Nitrogen	4.1	0.45	mg/L	1	[CALC]	06/11/09	06/11/09	EPA 300.0
Nitrate as NO <sub>3</sub>	18	2.0	mg/L	1	T9F1102	06/11/09	06/11/09	EPA 300.0
Total Coliforms	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/12/09	SM9221B/E/F
E. Coli	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
<b>Well #6</b> Sampled: 06/10/09 13:07 9F10020-02 (Drinking Water - Public/Routine)								
Specific Conductance (EC)	280	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Nitrate as Nitrogen	2.7	0.45	mg/L	1	[CALC]	06/11/09	06/11/09	EPA 300.0
Nitrate as NO <sub>3</sub>	12	2.0	mg/L	1	T9F1102	06/11/09	06/11/09	EPA 300.0
Total Coliforms	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
E. Coli	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
<b>Well #7</b> Sampled: 06/10/09 13:52 9F10020-03 (Drinking Water - Public/Routine)								
Specific Conductance (EC)	250	1.0	µS/cm	1	T9F1123	06/11/09	06/11/09	EPA 120.1
Nitrate as Nitrogen	2.2	0.45	mg/L	1	[CALC]	06/11/09	06/11/09	EPA 300.0
Nitrate as NO <sub>3</sub>	9.7	2.0	mg/L	1	T9F1102	06/11/09	06/11/09	EPA 300.0
Total Coliforms	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
E. Coli	< 1.1	1.1	MPN/100mL	1	T9F1112	06/10/09	06/13/09	SM9221B/E/F
<b>Resident 3672 Calvin</b> Sampled: 06/10/09 12:50 9F10020-04 (Drinking Water - Public/Routine)								
Total Coliforms	Absent		N/A	1	T9F1111	06/10/09	06/11/09	SM9223B
E. Coli	Absent		N/A	1	T9F1111	06/10/09	06/11/09	SM9223B

Moore Twining Associates, Inc.

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

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