

EXHIBIT 33

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

Attention: Mr. Dale Harvey, Senior Engineer

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

RECEIVED
JAN 28 2010
FWQCB-CVR
FRESNO, CALIF.

Dear Mr. Harvey:

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

- 1) Influent Monitoring and Secondary Effluent Monitoring (monthly and quarterly report)
- 2) Tertiary Effluent Monitoring (monthly, quarterly and 2009 Annual Priority Pollutants reports.
- 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
- 7) Violations (monthly 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 DKW

Compliance Yes no

Date Reviewed 4/21/10

*Reviewed
4/21/10*

Louy Morales
Malaga Wastewater Treatment Plant Operator

1-27-10
Date

MONTH: DECEMBER

YEAR: 2009

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

DATE	DAY	INFLUENT CONSTITUENT					SECONDARY EFFLUENT CONSTITUENT										
		Parshall Flume Flow MGD	Recirculated Gril Flow MGD	TOTAL FLOW (calc.) MGD	BOD mg/L weekly	MDL	TSS mg/L weekly	MDL	FLOW MGD (Q)	EC umhos/cm	BOD mg/L	MDL	BOD lb/d (calc.) Q*BOD*2.2 +0.284	TSS mg/L	MDL	TSS lb/d (calc.) Q*TSS*2.2 +0.284	SS m/L
1	tu	0.92	0.22	0.70				0.85	1000	40	1		40	4		0.2	
2	w	0.89	0.217	0.67				0.356	640	ave ²			ave ²			0.1	
3	th	0.9	0.233	0.67	120		380	0.328	670	1.5		4.10	8		23.73	ND	
4	f	0.82	0.215	0.71				0.360	700								
5	sat	0.92	0.214	0.71				0.710	700								
6	sun	0.83	0.221	0.61				0.610	680								
7	m	1.01	0.234	0.78				0.427	670								
8	tu	0.91	0.228	0.68				0.284	660								
9	w	0.89	0.222	0.67	52		140	0.670	600	1		3.58	2.2		6.53	ND	
10	th	0.96	0.233	0.73				0.344	630								
11	f	0.9	0.235	0.67				0.316	580								
12	sat	0.93	0.23	0.70				0.280	630								
13	sun	0.91	0.236	0.67				0.277	620								
14	m	1.01	0.224	0.79				0.479	660								
15	tu	0.91	0.224	0.69				0.279	650								
16	w	0.9	0.219	0.68				0.329	670								
17	th	1.03	0.234	0.80	59		140	0.452	670	1		3.77	3.6		10.68	ND	
18	f	0.93	0.241	0.69				0.336	660								
19	sat	0.91	0.24	0.67				0.670	690								
20	sun	0.77	0.22	0.55				0.580	720								
21	m	0.98	0.336	0.64				0.281	710								
22	tu	0.82	0.224	0.60	55		130	0.245	660	1		2.04	6		17.80	nd	
23	w	0.82	0.231	0.59				0.244	710								
24	th	0.86	0.227	0.63				0.197	700								
25	f	0.77	0.208	0.58				0.580	660								
26	sat	0.79	0.212	0.58				0.650	660								
27	sun	1.02	0.203	0.65				0.800	660								
28	m	0.85	0.22	0.80				0.760	640	1		6.33	2.4		7.12	ND	
29	tu	0.97	0.213	0.76	33		110	0.660	660								
30	w	0.89	0.241	0.65				0.700	710								
31	th	0.82	0.224	0.70				13.71	664	1.1		4.37	4.4		13.17	ND	
TOTAL		28.04	7.08	20.97	319		880		664			6.33			23.73	ND	
AVE		0.90	0.23	0.68	64		176										
DAILY																	
MAX		1.03	0.34	0.80	120		380		720	1.5		6.33	8.0		23.73	ND	
MEAN																	

Submitted by: *Henry Valenzuela 1-317-10*

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

WELL NO. 1 DELIVERY (GAL) N03-N (mg/l) Ec (umhos/cm) Minerals (see attached)	Date Sampled	QUARTER												ANNUAL TOTAL			
		1/13/2009	2/11/2009	3/12/2009	TOTAL	4/30/2009	5/19/2009	6/11/2009	TOTAL	JUL	AUG	SEPT	QUARTER TOTAL		OCT	NOV	DEC
4,489,000	1/13/2009	13,919,000	16,586,000	34,964,000	18,493,000	21,547,000	26,813,000	66,863,000	22,933,000	28,573,000	20,827,000	69,333,000	23,618,000	5,288,000	0	289,060,000	
23		19	20	34,964,000	19	19	18	66,863,000	19	19	20	69,333,000	21	20	0	289,060,000	
460		410	400	34,964,000	400	380	380	66,863,000	380	400	410	69,333,000	370	400	0	289,060,000	
NOT ACTIVE				0				0				0				0	
WELL NO. 3 DELIVERY (GAL) N03-N (mg/l) Ec (umhos/cm) Minerals (see attached)				0				0				0				0	
WELL NO. 4 DELIVERY (GAL) N03-N (mg/l) Ec (umhos/cm) Minerals (see attached)				0				0				0				0	
WELL NO. 5 DELIVERY (GAL) N03-N (mg/l) Ec (umhos/cm) Minerals (see attached)				0				0				0				0	
WELL NO. 6 DELIVERY (GAL) N03-N (mg/l) Ec (umhos/cm) Minerals (see attached)				0				0				0				0	
14,478,000		4,738,000	4,491,000	23,707,000	3,609,000	7,738,000	11,295,000	22,642,000	13,243,000	11,442,000	8,789,000	33,474,000	3,923,000	6,201,000	8,389,000	185,130,000	
14		13	13	23,707,000	13	12	12	22,642,000	14	14	16	33,474,000	17	15	14	185,130,000	
330		330	310	23,707,000	310	310	280	22,642,000	320	340	360	33,474,000	330	330	330	185,130,000	
WELL NO. 7 DELIVERY (GAL) N03-N (mg/l) Ec (umhos/cm) Minerals (see attached)				0				0				0				0	
17,703,000		16,536,000	20,708,000	54,947,000	20,147,000	24,670,000	23,628,000	68,443,000	39,458,000	28,534,000	32,603,000	97,595,000	20,564,000	29,641,000	26,483,000	768,980,000	
9.8		10	10	54,947,000	11	10	9.7	68,443,000	10	10	10	97,595,000	11	11	11	768,980,000	
270		290	270	54,947,000	270	270	260	68,443,000	280	280	290	97,595,000	250	280	280	768,980,000	
TOTAL DELIVERY (GAL)		36,770,000	35,198,000	41,755,000	113,718,000	42,249,000	53,955,000	61,734,000	157,938,000	72,634,000	65,549,000	62,219,000	200,402,000	48,105,000	41,130,000	26,483,000	89,235,000
WEIGHTED AVERAGE		13.07	13.98	14.28	14.67	13.88	13.73	13.57	14.21	14.18	14.18	14.18	16.40	12.76	11.72	11.72	14.28
N03-N (mg/l)		316.95	342.85	325.85	330.32	323.65	303.27	318.87	318.87	341.64	340.06	340.06	315.44	302.97	292.04	292.04	325.85
Ec (umhos/cm)																	

Submitted by: *Jenny Morales* Date: *1-27-10*

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

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

EVAPORATION /PERCOLATION POND MONITORING MONTHLY REPORT

December, 2009	POND 1	POND 2	POND 3	POND 4	POND 5	POND 6	POND 7	POND 8
WEEK 1 (Date)	12/4/2009	12/4/2009	12/4/2009	12/4/2009	12/4/2009	12/4/2009	12/4/2009	12/4/2009
Sample Time	8:20am	8:20am	pond	pond	9:20am	8:20am	8:20am	8:20am
DO, mg/l	11.1	11.4	not in use	not in use	17.7	14.8	11.1	2.6
Freeboard, ft	4	3.66			3.83	5.16	5.5	5
Weeds (Y, N) Locations	N	N			N	N	N	N
Surface Material (Y, N) Locations	N	N			N	N	N	N
Burrowing Animals (Y, N)	N	N			N	N	N	N
Insects (Y, N)	N	N			N	N	N	N
Color	light green	clear			clear	light green	light green	clear
WEEK 2 (Date)	12/11/2009	12/11/2009			12/11/2009	12/11/2009	12/11/2009	12/11/2009
Sample Time	8:am	8:am			8:am	8:am	8:am	8:am
DO, mg/l	13	9.8			16.9	11.8	7.9	5.1
Freeboard, ft	3.68	3.25			3.5	4.91	4.91	4.75
Weeds (Y, N) Locations	N	N			N	N	N	N
Surface Material (Y, N) Locations	N	N			N	N	N	N
Burrowing Animals (Y, N)	N	N			N	N	N	N
Insects (Y, N)	N	N			N	N	N	N
Color	light green	clear			clear	light green	light green	clear
WEEK 3 (Date)	12/18/2009	12/18/2009			12/18/2009	12/18/2009	12/18/2009	12/18/2009
Sample Time	8:30am	8:30am			8:30am	8:30am	8:30am	8:30am
DO, mg/l	11.1	7.7			14.6	10.2	4.8	4.2
Freeboard, ft	3.58	3.25			3.5	4.91	4.75	4.75
Weeds (Y, N) Locations	N	N			N	N	N	N
Surface Material (Y, N) Locations	N	N			N	N	N	N
Burrowing Animals (Y, N)	N	N			N	N	N	N
Insects (Y, N)	N	N			N	N	N	N
Color	light green	clear			clear	light green	light green	clear
WEEK 4 (Date)	12/24/2009	12/24/2009			12/24/2009	12/24/2009	12/24/2009	12/24/2009
Sample Time	7:30am	7:30am			7:30am	7:30am	7:30am	7:30am
DO, mg/l	12.1	8			14	10.4	6.2	7.6
Freeboard, ft	2.83	2.66			2.75	5	4.91	4.83
Weeds (Y, N) Locations	N	N			N	N	N	N
Surface Material (Y, N) Locations	N	N			N	N	N	N
Burrowing Animals (Y, N)	N	N			N	N	N	N
Insects (Y, N)	N	N			N	N	N	N
Color	light green	clear			light green	light green	light green	clear
WEEK 5 (Date)	12/30/2009	12/30/2009			12/30/2009	12/30/2009	12/30/2009	12/30/2009
Sample Time	9:am	9:am			9:am	9:am	9:am	9:am
DO, mg/l	16.1	6.1			14	11.2	9.5	8.6
Freeboard, ft	2.25	2.25			2.08	5.08	5	4.91
Weeds (Y, N) Locations	N	N			N	N	N	N
Surface Material (Y, N) Locations	N	N			N	N	N	N
Burrowing Animals (Y, N)	N	N			N	N	N	N
Insects (Y, N)	N	N			N	N	N	N
Color	light green	clear			light green	light green	light green	clear

Submitted by Jerry M. Malaga Date: 1-27-10 NOTE: Y=Yes
 N=No

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

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 2008-0033
 EVAPORATION/PERCOLATION POND MONITORING MONTHLY REPORT

MONTH: DECEMBER Year: 2009

DATE	POND1		POND2		POND3		POND4		POND5		POND6		POND7		POND8	
	DO mg/l	FRB ft														
DISCHARGE	1.0	2 ft.														
LIMIT	min.	min.														
1					pond											
2					not in use											
3																
4	11.1	4	11.4	3.66			17.7	3.83	14.8	5.16	11.1	5.5	2.6	5		
5																
6																
7																
8																
9																
10																
11	13	3.58	9.6	3.25			15.9	3.5	11.8	4.91	7.9	4.91	5.1	4.75		
12																
13																
14																
15																
16																
17																
18	11.1	3.58	7.7	3.25			14.6	3.5	10.2	4.91	4.8	4.75	4.2	4.75		
19																
20																
21																
22																
23																
24	12.1	2.83	8	2.66			14	2.75	10.4	5	6.2	4.91	7.6	4.83		
25																
26																
27																
28																
29																
30	16.1	2.25	6.1	2.25			14	2.08	11.2	5.08	9.5	5	8.6	4.91		
31																

Pond Observations:

Attached is a photocopy of the bound log book.

Submitted by: Louy Morales 1-27-10 Date

MONTH: December
YEAR: 2008

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 2008-0033
NPDES NO. CA 0084239
Violation Report

Influent	SECO. EFFL. (M-002)										TERTIARY EFFLUENT (M-001)										R-1							
	FLOW MGD (calc)	EC	BOD	TSS	SS	FLOW MGD	pH	EC	TOTAL RESIDUAL CL. mg/L	SS	BOD	BOD Removal %	TSS Removal %	BOD Removal %	Boron (B) mg/L	Chloride (Cl) mg/L	Turbidity NTU	Total Coliform MPN/100 ml	Ammonia Nitrogen (NH ₃ -N) mg/L	Bromine CHBr ₃ µg/L		Chloroacetic Acid CH ₂ Cl ₂ µg/L	Dichloroacetic Acid CHCl ₂ µg/L	TEMP deg F	Turbidity NTU	pH Minimum	pH Maximum	
MONTHLY AVERAGE	1.2	1000	40	40	0.2	0.45	6.5	1000	0.01	0.1	10	90%	10	90%	1	175	2	2.2	1.3	28	143	182				8.3	7.4	
MONTHLY MAX	0.88	664	1.1	4.4	ND	0.24	6.8	883	<0.01	ND	1.7	97%	2.4	98%	0.2	37	2.2	1.0	0.5	0	0	0				8.5	7.5	
WEEKLY AVERAGE	0.85	1000	40	8.0	ND	0.24	6.8	1000	0.01	0.1	2.3	99%	4.6	99%	0.2	37	2.3	1.0	0.52	0.22	0.22	<0.13				8.5	7.6	
DAILY AVERAGE	0.85	824	80	80	1	0.45	6.3	824	0.2	30	90%	30	90%	1	175	5	2.2	1.3	28	143	182				8.3	7.5		
DAILY MAX	NEVER	824	80	80	1	0.45	6.3	824	0.2	30	90%	30	90%	1	175	5	2.2	1.3	28	143	182				8.3	7.5		
VIOLATION TYPE																												
VIOLATION DESCRIPTION																												
COMMENTS																												
CORRECTIVE ACTION																												
1							6.8																				7.5	
2							7.1																				7.6	
3				1.5	8 ND		7.1				1.3	99%	1	99%			1.3	1									8	
4							7.2																					
5							7.2																					
6							7.4																					
7							7.4																					
8							7.4																					
9							7.4																					
10							7																					
11							6.8																					
12							7.2																					
13							7.6																					
14							7.2																					
15							6.8																					
16							7.1																					
17							6.8																					
18							7																					
19							7																					
20							7.3																					
21							7.1																					
22							7.2																					
23							7.2																					
24							6.8																					
25							7.1																					
26							7.1																					
27							7.1																					
28							7.1																					
29							7.1																					
30							7.1																					
31							7.1																					

Jerry Morales 1-27-10

Submitted by: *Jerry Morales*
1 Flowrate to Secondary Effluent is the difference between Influent flow measurements and the flowrate discharged to M-001.

MONTH: December

	Canal Station R-2				Pond		
	TEMP deg F	ATEMP 4+5°	DO mg/L	Turbidity NTU ATurbidity	Ammonia Un-ionized (as N) mg/L	DO Minimum mg/L	Freeboard Minimum FT
MONTHLY AVERAGE		5		1		1.0	2
MONTHLY MAX			6.0		0.025		
WEEKLY AVERAGE							
DAILY AVERAGE							
95% of 24-hour period							
DAILY MAX							
NEVER							
MONTHLY AVERAGE					0.028	2.8	2.08
DAILY MAX		0	7	15			
VIOLATION TYPE					VIOLATION		
VIOLATION DESCRIPTION							
COMMENTS							
CORRECTIVE ACTION							
1	65.0						
2	66						
3	65						
4	68						
5							
6	54						
7	54			15	0.028		
8	54						
9							
10	63						
11	62						
12	62						
13	63						
14	66						
15	66						
16	67						
17	67						
18	60						
19							
20							
21	55						
22	66						
23	66						
24	59		7				
25	56						
26							
27							
28							
29							
30							
31							

MONTH: DECEMBER Year: 2009

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

DATE	DAY	Daily		pH	EC µmhos/cm	MDL	TEMP deg F	TOTAL RESIDUAL CL mg/L ² 4 day average	SS M/L	MDL	BOD mg/L ³	MDL	BOD lbs/day	BOD Removal ¹ %	TSS mg/L ³	MDL	TSS lbs/day	TSS Removal ¹ %	Turbidity NTU	Total Coliform MPN/100 ml ⁴	MDL
		TOTAL FLOW MGD	MAX FLOW ¹ MGD																		
1	Tu	0.344	0.45	6.8	620	1	68	<0.01	0.1	0.1	10	5	38	200%	10	5	38	200%	2	2.2	2
2	W	0.345		7.1	650		68	<0.01	ND												1
3	Th	0.342		7.1	680		70	<0.01	ND		1.3			98.9%	1		3	98.9%	1.3		
4	F	0.35		7.2	680		70	<0.01	ND												
5	Sat	0																			
6	Sun	0																			
7	M	0.353		8.0	670		68	<0.01	ND		2.3			95.6%	4.6		15	98.7%	2.3		
8	Tu	0.416		7.4	650		67	<0.01	ND												
9	W	0																			
10	Th	0.386		7.0	680		68	<0.01	ND												
11	F	0.354		6.8	580		67	<0.01	ND												1
12	Sat	0.44		7.2	630		67	<0.01	ND												
13	Sun	0.393		7.6	580		68	<0.01	ND												
14	M	0.311		7.2	650		69	<0.01	ND												
15	Tu	0.411		6.9	650		68	<0.01	ND												
16	W	0.351		7.1	670		69	<0.01	ND		2.3			98.1%	3		9	97.9%	3		1
17	Th	0.348		6.8	680		69	<0.01	ND												
18	F	0.354		7.0	680		61	<0.01	ND												
19	Sat	0																			
20	Sun	0																			
21	M	0.359		7.3	710		67	<0.01	ND												2.3
22	Tu	0.355		7.1	680		65	<0.01	ND		1			98.0%	1		3	98.0%			1
23	W	0.346		7.2	700		64	<0.01	ND												
24	Th	0.373		6.9	700		62	<0.01	ND												
25	F	0.363		7.1	660		60	<0.01	ND												
26	Sat	0																			
27	Sun	0																			
28	M	0																			
29	Tu	0																			
30	W	0																			
31	Th	0																			
TOTAL		7.294		7.1	653		67	<0.01	ND		1.7		5.3	97.2%	2.4		7.4	98.3%	2.3		1.00
AVE		0.2369		8	710		70	<0.01	ND		2.3		8.0	98%	4.6		15.0	98percent	3		1
DAILY MAX		0.44																			
MEAN																					

Submitted by: *Jenny Morales* Date: *1-27-10*

0.364

- 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 36 mg/L. Weekly average 16 mg/L.
 - 2.2 MPN/100ml, as 7 day median shall not exceed 23 MPN/100 ml more than once in any month; 240 MPN/100 ml at any time
 - Inletm. effluent limitations.
 - WDR Compliance indicated by "YES" answer.
 - Effective until May 19, 2010

MONTH: Dec 09

DATE	Monthly				
	Ammonia Nitrogen (NH ₃ -N) mg/L ¹	pH at Sample Collection	Ammonia lbs/day	TDS mg/L	Nitrate NO ₃ -N mg/L
Diechertg Limits	1.3				
1					
2					
3					
4					
5					
6					
7					
8	0.52	7.4	2	470	16
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					
AVE	0.52	7.4	2	470	16
DAILY MAX	0.52	7.4	2	470	16
MEAN					

MONTH: Dec 09

DATE	Quarterly	
	NITRATE (as N) mg/L	MDL
Disch		
Lim		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17	15	
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
TOTAL		
AVE	15	
DAILY		
MAX	15	
MEAN		

MONTH: DECEMBER 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													Annually								
	Monthly													Quarterly								
Nitrate Nitrogen mg/L	Total Ammonia (NH) mg/L	Barium (Ba) mg/L	Chloride (Cl) mg/L	Copper (Cu) mg/L	Cyanide (CN) mg/L	Fluoride (F) mg/L	Phosphorus Total (P) mg/L	Dioxin C-14-NO ₂ -PS µg/L	Bromine CHBr ₃ µg/L	Chloride monochloro CH ₂ Cl ₂ µg/L	Chloride dichloro CHCl ₃ µg/L	Acetic Acid Effluent Toxicity 200% Ave. per 3 tests	Chronic Toxicity 200% Ave. per 3 tests	Boron (B) mg/L	Calcium (Ca) mg/L	Iron (Fe) mg/L	Magnesium (Mg) mg/L	Potassium (K) mg/L	Sodium (Na) mg/L	Chloride mg/L		
1																						
2																						
3																						
4																						
5																						
6																						
7	55	18	0.098	0.2	37	0.03	< 2.8	1.1	2.5	< 0.015	< 0.22	< 0.22	< 0.13									
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
TOTAL	55	18	0.098	0.2	37	0.03	< 2.8	1.1	2.5	< 0.015	< 0.22	< 0.22	< 0.13									
AVERAGE	55	18	0.098	0.2	37	0.03	< 2.8	1.1	2.5	< 0.015	< 0.22	< 0.22	< 0.13									
DAILY MAX	55	18	0.098	0.2	37	0.03	< 2.8	1.1	2.5	< 0.015	< 0.22	< 0.22	< 0.13									
MEAN																						

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. R6-2008-0033
 NPDES NO. CA0084239

RECEIVING WATER CONDITIONS REPORT

December, 2009

WEEK 1 (Date)		R-1	R-2
Sample Time	12/4/2009	No Flow	12/4/2009 2:pm
Floating or suspended matter (Y,N)			N
Discoloration (Y,N)			N
Bottom deposits (Y,N)			N
Aquatic life (Y,N)			N
Visible films, sheens, coatings (Y,N)			N
Fungl, slimes, or objectionable growths (Y,N)			N
Potential nuisance conditions (Y,N)			N
WEEK 2 (Date)		12/11/2009	12/11/2009
Sample Time		No Flow	9:30am
Floating or suspended matter (Y,N)			N
Discoloration (Y,N)			N
Bottom deposits (Y,N)			N
Aquatic life (Y,N)			N
Visible films, sheens, coatings (Y,N)			N
Fungl, slimes, or objectionable growths (Y,N)			N
Potential nuisance conditions (Y,N)			N
WEEK 3 (Date)		12/16/2009	12/16/2009
Sample Time		No Flow	11:am
Floating or suspended matter (Y,N)			N
Discoloration (Y,N)			N
Bottom deposits (Y,N)			N
Aquatic life (Y,N)			N
Visible films, sheens, coatings (Y,N)			N
Fungl, slimes, or objectionable growths (Y,N)			N
Potential nuisance conditions (Y,N)			N
WEEK 4 (Date)		12/23/2009	12/23/2009
Sample Time		No Flow	1:pm
Floating or suspended matter (Y,N)			N
Discoloration (Y,N)			N
Bottom deposits (Y,N)			N
Aquatic life (Y,N)			N
Visible films, sheens, coatings (Y,N)			N
Fungl, slimes, or objectionable growths (Y,N)			N
Potential nuisance conditions (Y,N)			N
WEEK 5 (Date)		12/30/2009	12/30/2009
Sample Time		No Flow	
Floating or suspended matter (Y,N)			N
Discoloration (Y,N)			N
Bottom deposits (Y,N)			N
Aquatic life (Y,N)			N
Visible films, sheens, coatings (Y,N)			N
Fungl, slimes, or objectionable growths (Y,N)			N
Potential nuisance conditions (Y,N)			N

Submitted by *Jessy Miranda* Date: *1-27-10*

NOTE: Y=Yes
N=No

Tony Morales

From: "Drew Gantner" <dgantner@pacificecorisk.com>
To: "Tony Morales" <tmorales@malagacwd.org>
Cc: "Scott Ogle" <scottogle@pacificecorisk.com>; "Ron Boquist" <Ronb@mooretwining.com>
Sent: Monday, December 28, 2009 8:41 AM
Subject: 12/15/09 Malaga Tox Results
 Tony,

The results of the species screen using the samples collected December 14-18, 2009 are as follows:

Selenastrum Algal Growth Test:

Control – 2,620,000 cells/ml
 12.5% effluent – 3,710,000 cells/ml
 25% effluent – 4,400,000 cells/ml
 50% effluent – 4,610,000 cells/ml
 75% effluent – 4,130,000 cells/ml
 100% effluent – 3,870,000 cells/ml

NOEC = 100% effluent, resulting in <1.0 TUc.
 IC25 = >100% effluent.

Ceriodaphnia dubia Survival and Reproduction Test:**Survival**

Control – 100%
 12.5% effluent – 100%
 25% effluent – 100%
 50% effluent – 100%
 75% effluent – 100%
 100% effluent – 100%

NOEC = 100% effluent, resulting in <1.0 TUc.
 EC25 = Due to the lack of significant mortalities, the EC25 could not be calculated, but can be assumed to be >100% effluent.

Reproduction

Control – 27.1 neonates/female
 12.5% effluent – 28.1 neonates/female
 25% effluent – 27.9 neonates/female
 50% effluent – 28.4 neonates/female
 75% effluent – 29.9 neonates/female
 100% effluent – 29.8 neonates/female

NOEC = 100% effluent, resulting in <1.0 TUc.
 IC25 = >100% effluent.

Fathead Minnow Survival and Growth Test:**Survival**

Control – 80%
12.5% effluent – 92.5%
25% effluent – 97.5%
50% effluent – 97.5%
75% effluent – 100%
100% effluent – 100%

NOEC = 100% effluent, resulting in <1.0 TUc.

EC25 = Due to the lack of significant mortalities, the EC25 could not be calculated, but can be assumed to be >100% effluent.

Growth

Control – 0.27 mg
12.5% effluent – 0.32 mg
25% effluent – 0.35 mg
50% effluent – 0.34 mg
75% effluent – 0.39 mg
100% effluent – 0.36 mg

NOEC = 100% effluent, resulting in <1.0 TUc.

IC25 = >100% effluent.

Feel free to contact myself or Dr. Scott Ogle should you have any questions.

Regards,

Drew

Aquatic Ecotoxicologist
Pacific EcoRisk
2250 Cordelia Rd.
Fairfield, CA. 94534
Phone: (707) 207-7760
Fax: (707) 207-7916



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

December 10, 2009

Work Order #: 9L03016

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 12/03/09 . For your reference, these analyses have been assigned laboratory work order number 9L03016.

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

DEC 15 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: 12/10/2009
---	---	-------------------------

Analytical Report for Work Order 9L03016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 12/01/09 17:00 9L03016-01 (Waste Water)										
Final Eff Specific Conductance (EC)	HR	640	1.0	1.0	µS/cm	1	T9L0309	12/03/09	12/03/09	EPA 120.1
Sampled: 12/01/09 17:00 9L03016-02 (Waste Water)										
Tertiary Eff Specific Conductance (EC)	HR	620	1.0	1.0	µS/cm	1	T9L0309	12/03/09	12/03/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0210	12/03/09	12/03/09	SM 2540F
Sampled: 12/02/09 17:00 9L03016-03 (Waste Water)										
Final Eff Specific Conductance (EC)		640	1.0	1.0	µS/cm	1	T9L0309	12/03/09	12/03/09	EPA 120.1
Sampled: 12/02/09 17:00 9L03016-04 (Waste Water)										
Tertiary Eff Specific Conductance (EC)		650	1.0	1.0	µS/cm	1	T9L0309	12/03/09	12/03/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0210	12/03/09	12/03/09	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 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

December 14, 2009

Work Order #: 9L04009

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 12/04/09. For your reference, these analyses have been assigned laboratory work order number 9L04009.

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: 12/14/2009
---	---	-------------------------

Analytical Report for Work Order 9L04009

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater Sampled: 12/03/09 08:00 9L04009-01 (Waste Water)										
Total Suspended Solids		360	20	5.7	mg/L	5	T9L0913	12/09/09	12/10/09	SM 2540D
Biochemical Oxygen Demand		120	30	30	mg/L	30	T9L0319	12/04/09	12/09/09	SM5210B
Final Eff Sampled: 12/03/09 15:35 9L04009-02 (Waste Water)										
Specific Conductance (EC)		670	1.0	1.0	µS/cm	1	T9L0409	12/04/09	12/04/09	EPA 120.1
Total Suspended Solids		3.0	4.0	1.1	mg/L	1	T9L0913	12/09/09	12/10/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0413	12/04/09	12/04/09	SM 2540F
Biochemical Oxygen Demand		1.5	1.0	1.0	mg/L	1	T9L0319	12/04/09	12/09/09	SM5210B
Tertiary Eff Sampled: 12/03/09 15:50 9L04009-03 (Waste Water)										
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9L0409	12/04/09	12/04/09	EPA 120.1
Turbidity		1.3	0.020	0.020	NTU	1	T9L0911	12/04/09	12/04/09	EPA 180.1
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T9L0913	12/09/09	12/10/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0413	12/04/09	12/04/09	SM 2540F
Biochemical Oxygen Demand		1.3	1.0	1.0	mg/L	1	T9L0319	12/04/09	12/09/09	SM5210B
Tertiary Eff Sampled: 12/04/09 08:00 9L04009-04 (Waste Water)										
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9L0409	12/04/09	12/04/09	EPA 120.1
Tertiary Eff Sampled: 12/04/09 08:00 9L04009-05 (Waste Water)										
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9L0409	12/04/09	12/04/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0413	12/04/09	12/04/09	SM 2540F
Tertiary Eff Sampled: 12/04/09 12:00 9L04009-06 (Waste Water)										
Total Coliforms	*	< 1.0	1.0		MPN/100mL	1	T9L0414	12/04/09	12/05/09	SM9223B
E. Coli	*	< 1.0	1.0		MPN/100mL	1	T9L0414	12/04/09	12/05/09	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 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

December 14, 2009

Work Order #: 9L07021

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 12/07/09. For your reference, these analyses have been assigned laboratory work order number 9L07021.

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

DEC 18 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: 12/14/2009
---	---	-------------------------

Analytical Report for Work Order 9L07021

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff. Sampled: 12/05/09 08:20 9L07021-01 (Waste Water)										
Specific Conductance (EC)	HR	700	1.0	1.0	µS/cm	1	T9L0715	12/07/09	12/07/09	EPA 120.1
Final Eff. Sampled: 12/06/09 08:20 9L07021-02 (Waste Water)										
Specific Conductance (EC)		680	1.0	1.0	µS/cm	1	T9L0715	12/07/09	12/07/09	EPA 120.1

Notes and Definitions

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

Inorganics - Quality Control

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

Batch T9L0715

LCS (T9L0715-BS1) Prepared & Analyzed: 12/07/09										
Specific Conductance (EC)		512	1.0	µS/cm	500		102	80-120		20
LCS Dup (T9L0715-BSD1) Prepared & Analyzed: 12/07/09										
Specific Conductance (EC)		513	1.0	µS/cm	500		103	80-120	0.195	20
Duplicate (T9L0715-DUP1) Source: 9L07004-01 Prepared & Analyzed: 12/07/09										
Specific Conductance (EC)		710	1.0	µS/cm		709			0.141	20

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

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



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

December 16, 2009

Work Order #: 9L08006

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 12/08/09 . For your reference, these analyses have been assigned laboratory work order number 9L08006.

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: 12/16/09
---	---	-----------------------

Analytical Report for Work Order 9L08006

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Well #6 Sampled: 12/08/09 09:35 9L08006-01 (Drinking Water - Public/Routine)								
Specific Conductance (EC)	330	1.0	µS/cm	1	T9L0807	12/08/09	12/08/09	EPA 120.1
Nitrate as NO3	14	2.0	mg/L	1	T9L0803	12/08/09	12/08/09	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T9L0812	12/08/09	12/09/09	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T9L0812	12/08/09	12/09/09	SM9223B
Well #7 Sampled: 12/08/09 08:56 9L08006-02 (Drinking Water - Public/Routine)								
Specific Conductance (EC)	280	1.0	µS/cm	1	T9L0807	12/08/09	12/08/09	EPA 120.1
Nitrate as NO3	11	2.0	mg/L	1	T9L0803	12/08/09	12/08/09	EPA 300.0
Total Coliforms	< 1.0	1.0	MPN/100mL	1	T9L0812	12/08/09	12/09/09	SM9223B
E. Coli	< 1.0	1.0	MPN/100mL	1	T9L0812	12/08/09	12/09/09	SM9223B
Group Warehouse Sampled: 12/08/09 08:35 9L08006-03 (Drinking Water - Public/Routine)								
Total Coliforms	Absent		N/A	1	T9L0812	12/08/09	12/09/09	SM9223B
E. Coli	Absent		N/A	1	T9L0812	12/08/09	12/09/09	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

January 12, 2010

Work Order #: 9L09006

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 12/09/09. For your reference, these analyses have been assigned laboratory work order number 9L09006.

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:
1/12/10

Tertiary Effluent
9L09006-01 (Waste Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Inorganics										
Chloride		37	2.0	0.15	mg/L	1	T9L0904	12/09/09	12/10/09	EPA 300.0
Cyanide (total)		ND	5.0	2.8	µg/L	1	T9L1612	12/16/09	12/22/09	SM4500CN-E
Fluoride		1.1	0.10	0.063	mg/L	1	T9L0904	12/09/09	12/10/09	EPA 300.0
Metals - Totals										
Aluminum		0.099	0.050	0.0072	mg/L	1	T9L1016	12/10/09	12/17/09	EPA 200.7
Boron		0.20	0.050	0.00083	mg/L	1	T9L1016	12/10/09	12/17/09	EPA 200.7
Copper		0.030	0.0050	0.00095	mg/L	1	T9L1016	12/10/09	12/17/09	EPA 200.7
Semi-Volatile Organics										
Diazinon		ND	0.25	0.015	µg/L	1	T0A0505	12/21/09	01/06/10	EPA 507
Surrogate: 1,3-Dimethyl-2-nitrobenzene				73.3 %	48.4-117		T0A0505	12/21/09	01/06/10	EPA 507
Volatile Organics										
Bromodichloromethane		ND	0.50	0.13	µg/L	1	T9L0920	12/09/09	12/09/09	EPA 524.2
Dibromochloromethane		ND	0.50	0.22	µg/L	1	T9L0920	12/09/09	12/09/09	EPA 524.2
Bromoform		ND	0.50	0.22	µg/L	1	T9L0920	12/09/09	12/09/09	EPA 524.2
Surrogate: Toluene-d8				97.0 %	80-120		T9L0920	12/09/09	12/09/09	EPA 524.2
Surrogate: Dibromofluoromethane				98.0 %	80-120		T9L0920	12/09/09	12/09/09	EPA 524.2
Surrogate: 4-Bromofluorobenzene				104 %	80-120		T9L0920	12/09/09	12/09/09	EPA 524.2

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- 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 #:

PAGE 1 OF 1

9209066

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

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

SAMPLE INFORMATION

SAMPLED BY (PRINT): **TONY Morales**

SIGNATURE: *[Signature]*

PUBLIC SYSTEM ROUTINE
 PRIVATE WELL REPEAT
 OTHER REPLACEMENT

TURN AROUND TIME: RUSH, DUE ON: STANDARD

SAMPLE TYPES:

SOLID:
 BS - BIOSOLID
 CR - CERAMIC
 SL - SOIL/SOLID

LIQUID:
 DW - DRINKING WATER
 GW - GROUND WATER
 OL - OIL
 SF - SURFACE WATER
 ST - STORM WATER
 WW - WASTE WATER

PROJECT INFORMATION

CONTRACT/P.O. NO.:

PROJECT: **Malaga sewer plant**

PROJECT NUMBER:

PROJECT MANAGER:

ANALYSIS REQUESTED

ALUMINUM	BORON	BROMOFORM	COPPER	CYANIDE	CHLORIDE	FLUORIDE	DIZANON	Chloro dibromomethane	Dichlorobromomethane
----------	-------	-----------	--------	---------	----------	----------	---------	-----------------------	----------------------

NOTES ON RECEIVED CONDITION:

CUSTODY SEAL(S) BROKEN SAMPLE(S) DAMAGED
 ON ICE AMBIENT TEMP. INCORRECT PRESERVATION

LAB USE	CLIENT SAMPLE ID	DATE	TIME	TYPE	ALUMINUM	BORON	BROMOFORM	COPPER	CYANIDE	CHLORIDE	FLUORIDE	DIZANON	Chloro dibromomethane	Dichlorobromomethane
		TERTIARY EFF	12-9-09	3:30 PM	WW	X	X	X	X	X	X	X	X	X

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>	Malaga County Water District	12-9-09	1:05 PM	<i>[Signature]</i>	MOORE TWINING



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

December 14, 2009

Work Order #: 9L09007

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 12/09/09 . For your reference, these analyses have been assigned laboratory work order number 9L09007.

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

DEC 17 2009



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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 12/14/2009
---	---	-------------------------

Analytical Report for Work Order 9L09007

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
						Sampled: 12/07/09 17:00 9L09007-01 (Waste Water)				
Final Eff										
Specific Conductance (EC)	HR	670	1.0	1.0	µS/cm	1	T9L0917	12/09/09	12/09/09	EPA 120.1
						Sampled: 12/07/09 17:00 9L09007-02 (Waste Water)				
Tertiary Eff										
Specific Conductance (EC)	HR	670	1.0	1.0	µS/cm	1	T9L0917	12/09/09	12/09/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0908	12/09/09	12/09/09	SM 2540F
						Sampled: 12/08/09 15:00 9L09007-03 (Waste Water)				
Final Eff										
Specific Conductance (EC)		660	1.0	1.0	µS/cm	1	T9L0917	12/09/09	12/09/09	EPA 120.1

Notes and Definitions

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

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

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

December 29, 2009

Work Order #: 9L09005

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 12/09/09. For your reference, these analyses have been assigned laboratory work order number 9L09005.

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:
12/29/09

Tertiary Eff
9L09005-01 (Waste Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Inorganics										
Ammonia as N	J	0.52	1.0	0.48	mg/L	1	T9L1718	12/17/09	12/21/09	EPA 350.1
Biochemical Oxygen Demand		2.3	1.0	1.0	mg/L	1	T9L0922	12/10/09	12/15/09	SM5210B
Specific Conductance (EC)		650	1.0	1.0	µS/cm	1	T9L0917	12/09/09	12/09/09	EPA 120.1
Nitrate as NO ₃		69	4.0	0.60	mg/L	2	T9L1004	12/10/09	12/10/09	EPA 300.0
Nitrite as NO ₂	J	0.50	1.0	0.085	mg/L	1	T9L0904	12/09/09	12/09/09	EPA 300.0
Phosphorus		2.5	0.10	0.083	mg/L	1	T9L1103	12/11/09	12/14/09	EPA 365.4
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L0908	12/09/09	12/09/09	SM 2540F
Total Dissolved Solids		470	10	8.1	mg/L	1	T9L1410	12/14/09	12/16/09	SM 2540C
Total Kjeldahl Nitrogen		3.1	1.0	0.36	mg/L	1	T9L1103	12/11/09	12/14/09	EPA 351.2
Nitrate as Nitrogen		16	0.90		mg/L	2	[CALC]	12/11/09	12/10/09	[CALC]
Nitrite as Nitrogen		ND	0.30		mg/L	1	[CALC]	12/11/09	12/09/09	[CALC]
Total Nitrogen		19	2.2		mg/L	2	[CALC]	12/11/09	12/14/09	[CALC]
Total Suspended Solids		4.6	4.0	1.1	mg/l	1	T9L1007	12/10/09	12/10/09	SM 2540D
Turbidity		2.3	0.020	0.020	NTU	1	T9L1506	12/10/09	12/10/09	EPA 180.1

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- 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

December 29, 2009

Work Order #: 9L09008

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 12/09/09 . For your reference, these analyses have been assigned laboratory work order number 9L09008.

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:
12/29/09

Station R-2
9L09008-01 (Waste Water)

Analyte	Notes	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Inorganics										
Ammonia as N	J	0.68	1.0	0.48	mg/L	1	T9L1718	12/17/09	12/21/09	EPA 350.1
Ammonia-Unionized	J	0.028	0.041	0.020	mg/L	1	T9L1718	12/17/09	12/21/09	[CALC]
Nitrate as NO3		53	4.0	0.60	mg/L	2	T9L1004	12/10/09	12/10/09	EPA 300.0
Phosphorus		2.3	0.10	0.083	mg/L	1	T9L1604	12/16/09	12/17/09	EPA 365.4
Total Kjeldahl Nitrogen		4.0	1.0	0.36	mg/L	1	T9L1604	12/16/09	12/17/09	EPA 351.2
Turbidity		15	0.020	0.020	NTU	1	T9L1506	12/10/09	12/10/09	EPA 180.1
Metals - Totals										
Aluminum		0.37	0.050	0.0072	mg/L	1	T9L1016	12/10/09	12/17/09	EPA 200.7

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- 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

December 18, 2009

Work Order #: 9L10019

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 12/10/09. For your reference, these analyses have been assigned laboratory work order number 9L10019.

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

DEC 28 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: 12/18/2009
---	---	-------------------------

Analytical Report for Work Order 9L10019

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 12/09/09 08:00 9L10019-01 (Waste Water)				
Total Suspended Solids		140	20	5.7	mg/L	5	T9L1106	12/11/09	12/11/09	SM 2540D
Biochemical Oxygen Demand		52	10	10	mg/L	10	T9L1014	12/11/09	12/16/09	SM5210B
Final Eff						Sampled: 12/09/09 16:00 9L10019-02 (Waste Water)				
Specific Conductance (EC)	HT	600	1.0	1.0	µS/cm	1	T9L1408	12/11/09	12/11/09	EPA 120.1
Total Suspended Solids	J	2.2	4.0	1.1	mg/L	1	T9L1106	12/11/09	12/11/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L1102	12/11/09	12/11/09	SM 2540F
Biochemical Oxygen Demand		ND	3.0	3.0	mg/L	3	T9L1014	12/11/09	12/16/09	SM5210B

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- HT This result was analyzed outside of the EPA recommended holding time.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

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

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

December 18, 2009

Work Order #: 9L11008

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 12/11/09 . For your reference, these analyses have been assigned laboratory work order number 9L11008.

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 'Ron Boquist', is written over the printed name.

Ronald J. Boquist
Director of Analytical Chemistry

DEC 28 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: 12/18/2009
---	---	-------------------------

Analytical Report for Work Order 9L11008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff						Sampled: 12/10/09 15:30 9L11008-01 (Waste Water)				
Specific Conductance (EC)		630	1.0	1.0	µS/cm	1	T9L1408	12/11/09	12/11/09	EPA 120.1
Tertiary Eff						Sampled: 12/10/09 15:30 9L11008-02 (Waste Water)				
Specific Conductance (EC)		580	1.0	1.0	µS/cm	1	T9L1408	12/11/09	12/11/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L1102	12/11/09	12/11/09	SM 2540F
Final Eff						Sampled: 12/11/09 08:00 9L11008-03 (Waste Water)				
Specific Conductance (EC)		590	1.0	1.0	µS/cm	1	T9L1409	12/12/09	12/12/09	EPA 120.1
Tertiary Eff						Sampled: 12/11/09 08:00 9L11008-04 (Waste Water)				
Specific Conductance (EC)		560	1.0	1.0	µS/cm	1	T9L1409	12/12/09	12/12/09	EPA 120.1
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L1102	12/11/09	12/11/09	SM 2540F
Tertiary Eff						Sampled: 12/11/09 10:45 9L11008-05 (Waste Water)				
Total Coliforms		< 1.0	1.0		MPN/100mL	1	T9L1109	12/11/09	12/12/09	SM9223B
E. Coli		< 1.0	1.0		MPN/100mL	1	T9L1109	12/11/09	12/12/09	SM9223B
Station R-2						Sampled: 12/11/09 11:00 9L11008-06 (Waste Water)				
Fecal Coliforms		110	2.0		MPN/100mL	1	T9L1110	12/11/09	12/14/09	SM9221B/E/F

Notes and Definitions

- _MPN < 1.0
- 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

December 22, 2009

Work Order #: 9L14020

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 12/14/09 . For your reference, these analyses have been assigned laboratory work order number 9L14020.

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

DEC 28 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: 12/22/2009
---	---	-------------------------

Analytical Report for Work Order 9L14020

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff Sampled: 12/12/09 17:00 9L14020-01 (Waste Water)										
Specific Conductance (EC)	HR	630	1.0		µS/cm	1	T9L1419	12/14/09	12/14/09	EPA 120.1
Tertiary Eff Sampled: 12/12/09 17:00 9L14020-02 (Waste Water)										
Specific Conductance (EC)	HR	630	1.0		µS/cm	1	T9L1419	12/14/09	12/14/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9L1606	12/14/09	12/14/09	SM 2540F
Final Eff Sampled: 12/13/09 09:45 9L14020-03 (Waste Water)										
Specific Conductance (EC)		620	1.0		µS/cm	1	T9L1419	12/14/09	12/14/09	EPA 120.1
Tertiary Eff Sampled: 12/13/09 09:45 9L14020-04 (Waste Water)										
Specific Conductance (EC)		580	1.0		µS/cm	1	T9L1419	12/14/09	12/14/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9L1606	12/14/09	12/14/09	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 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

December 29, 2009

Work Order #: 9L16015

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 12/16/09 . For your reference, these analyses have been assigned laboratory work order number 9L16015.

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: 12/29/2009
---	---	-------------------------

Analytical Report for Work Order 9L16015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff					Sampled: 12/14/09 13:50 9L16015-01 (Waste Water)					
Specific Conductance (EC)	HR	660	1.0		µS/cm	1	T9L1617	12/16/09	12/16/09	EPA 120.1
Tertiary Eff					Sampled: 12/14/09 13:50 9L16015-02 (Waste Water)					
Specific Conductance (EC)	HR	650	1.0		µS/cm	1	T9L1617	12/16/09	12/16/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9L1606	12/16/09	12/16/09	SM 2540F
Final Eff					Sampled: 12/15/09 11:00 9L16015-03 (Waste Water)					
Specific Conductance (EC)		650	1.0		µS/cm	1	T9L1617	12/16/09	12/16/09	EPA 120.1
Tertiary Eff					Sampled: 12/15/09 11:00 9L16015-04 (Waste Water)					
Specific Conductance (EC)		650	1.0		µS/cm	1	T9L1617	12/16/09	12/16/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9L1704	12/17/09	12/17/09	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 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

December 29, 2009

Work Order #: 9L18012

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 12/18/09. For your reference, these analyses have been assigned laboratory work order number 9L18012.

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: 12/29/2009
---	---	-------------------------

Analytical Report for Work Order 9L18012

Analyte	Qual	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff Sampled: 12/16/09 17:00 9L18012-01 (Waste Water)										
Specific Conductance (EC)	HR	670	1.0		µS/cm	1	T9L1807	12/18/09	12/18/09	EPA 120.1
Tertiary Eff Sampled: 12/16/09 17:00 9L18012-02 (Waste Water)										
Specific Conductance (EC)	HR	670	1.0		µS/cm	1	T9L1807	12/18/09	12/18/09	EPA 120.1
Total Settlicable Solids		ND	0.10		mL/L/Hr	1	T9L1704	12/18/09	12/18/09	SM 2540F
Final Eff Sampled: 12/18/09 08:00 9L18012-03 (Waste Water)										
Specific Conductance (EC)		680	1.0		µS/cm	1	T9L1807	12/18/09	12/18/09	EPA 120.1
Tertiary Eff Sampled: 12/18/09 08:00 9L18012-04 (Waste Water)										
Specific Conductance (EC)		680	1.0		µS/cm	1	T9L1807	12/18/09	12/18/09	EPA 120.1
Total Settleable Solids		ND	0.10		mL/L/Hr	1	T9L1704	12/18/09	12/18/09	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 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

December 30, 2009

Work Order #: 9L18013

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 12/18/09. For your reference, these analyses have been assigned laboratory work order number 9L18013.

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: 12/30/2009
---	---	-------------------------

Analytical Report for Work Order 9L18013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater										
Sampled: 12/17/09 09:00 9L18013-01 (Waste Water)										
Nitrate as Nitrogen		2.1	0.90		mg/L	2	[CALC]	12/18/09	12/18/09	EPA 300.0
Nitrate as NO3		9.4	4.0	0.60	mg/L	2	T9L1803	12/18/09	12/18/09	EPA 300.0
Total Suspended Solids		140	20	5.7	mg/L	5	T9L2306	12/23/09	12/23/09	SM 2540D
Biochemical Oxygen Demand		59	10	10	mg/L	10	T9L1728	12/18/09	12/23/09	SM5210B
Final Eff										
Sampled: 12/17/09 15:43 9L18013-02 (Waste Water)										
Specific Conductance (EC)		670	1.0	1.0	µS/cm	1	T9L1807	12/18/09	12/18/09	EPA 120.1
Nitrate as Nitrogen		15	0.90		mg/L	2	[CALC]	12/18/09	12/18/09	EPA 300.0
Nitrate as NO3		67	4.0	0.60	mg/L	2	T9L1803	12/18/09	12/18/09	EPA 300.0
Total Suspended Solids	J	3.6	4.0	1.1	mg/L	1	T9L2306	12/23/09	12/23/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L1704	12/18/09	12/18/09	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T9L1728	12/18/09	12/23/09	SM5210B
Tertiary Eff										
Sampled: 12/17/09 16:00 9L18013-03 (Waste Water)										
Specific Conductance (EC)		660	1.0	1.0	µS/cm	1	T9L1807	12/18/09	12/18/09	EPA 120.1
Turbidity		3.0	0.020	0.020	NTU	1	T9L1809	12/18/09	12/18/09	EPA 180.1
Total Suspended Solids	J	3.0	4.0	1.1	mg/L	1	T9L2306	12/23/09	12/23/09	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L1704	12/18/09	12/18/09	SM 2540F
Biochemical Oxygen Demand		2.3	1.0	1.0	mg/L	1	T9L1728	12/18/09	12/23/09	SM5210B
Tertiary Eff										
Sampled: 12/18/09 10:45 9L18013-04 (Waste Water)										
Total Coliforms		1.0	1.0		MPN/100mL	1	T9L1811	12/18/09	12/19/09	SM9223B
E. Coli		<1.0	1.0		MPN/100mL	1	T9L1811	12/18/09	12/19/09	SM9223B

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- _MPN < 1.0
- µg/L micrograms per liter (parts per billion concentration units)
- mg/l. milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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

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



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

December 29, 2009

Work Order #: 9L18012

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 12/18/09 . For your reference, these analyses have been assigned laboratory work order number 9L18012.

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: 12/30/2009
---	---	-------------------------

Analytical Report for Work Order 9L22011

Analyte	Qual	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 12/21/09 14:30 9L22011-01 (Waste Water)										
Tertiary Eff										
Turbidity		2.3	0.020	0.020	NTU	1	T9L2316	12/23/09	12/23/09	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 T9L2316

LCS (T9L2316-BS1)		9.89	0.020	NTU	10.0		98.9	80-120		20
LCS Dup (T9L2316-BSD1)		9.90	0.020	NTU	10.0		99.0	80-120	0.101	20
Duplicate (T9L2316-DUP1)	Source: 9L22011-01	2.26	0.020	NTU		2.30			1.75	20

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

The results in this report apply to the samples analyzed in accordance with the chain 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

December 29, 2009

Work Order #: 9L21015

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 12/21/09 . For your reference, these analyses have been assigned laboratory work order number 9L21015.

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: 12/29/2009
---	---	-------------------------

Analytical Report for Work Order 9L21015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.										
Sampled: 12/19/09 08:45 9L21015-01 (Waste Water)										
Specific Conductance (EC)	HR	690	1.0		µS/cm	1	T9L2205	12/21/09	12/21/09	EPA 120.1
Final Eff.										
Sampled: 12/20/09 09:10 9L21015-02 (Waste Water)										
Specific Conductance (EC)		720	1.0		µS/cm	1	T9L2205	12/21/09	12/21/09	EPA 120.1
Final Eff.										
Sampled: 12/21/09 11:00 9L21015-03 (Waste Water)										
Specific Conductance (EC)		710	1.0		µS/cm	1	T9L2205	12/21/09	12/21/09	EPA 120.1
Tertiary Eff										
Sampled: 12/21/09 11:00 9L21015-04 (Waste Water)										
Specific Conductance (EC)		710	1.0		µS/cm	1	T9L2205	12/21/09	12/21/09	EPA 120.1
Total Settlicable Solids		ND	0.10		mL/L/Hr	1	T9L2303	12/23/09	12/23/09	SM 2540F

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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

December 29, 2009

Work Order #: 9L22012

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 12/22/09 . For your reference, these analyses have been assigned laboratory work order number 9L22012.

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

JAN 07 2010



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:
 12/29/09

Tertiary Eff

9L22012-01 (Waste Water) Sampled:12/22/09 11:30

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

Microbiologicals

Total Coliforms	*	< 1.0	1.0	MPN/100mL	1	T9L2211	12/22/09	12/23/09	SM9223B
E. Coli	*	< 1.0	1.0	MPN/100mL	1	T9L2211	12/22/09	12/23/09	SM9223B

Notes and Definitions

_MPN < 1.0

- * MPN - SM9223B used for treatment system monitoring. Method not approved for regulatory wastewater reporting.
- 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



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

December 31, 2009

Work Order #: 9L23004

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 12/23/09 . For your reference, these analyses have been assigned laboratory work order number 9L23004.

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

Mingua County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 12/31/2009
---	---	-------------------------

Analytical Report for Work Order 9L23004

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater					Sampled: 12/23/09 08:00 9L23004-01 (Waste Water)					
Total Suspended Solids		130	20		mg/L	5	T9L2806	12/28/09	12/29/09	SM 2540D
Biochemical Oxygen Demand		55	30		mg/L	30	T9L2410	12/24/09	12/29/09	SMS210B
Final Eff					Sampled: 12/22/09 16:00 9L23004-02 (Waste Water)					
Total Suspended Solids		6.0	4.0		mg/L	1	T9L2806	12/28/09	12/29/09	SM 2540D
Total Settling Solids		ND	0.10		mL/L/Hr	1	T9L2303	12/23/09	12/23/09	SM 2540F
Biochemical Oxygen Demand		ND	1.0		mg/L	1	T9L2410	12/24/09	12/29/09	SMS210B
Tertiary Eff					Sampled: 12/22/09 16:00 9L23004-03 (Waste Water)					
Total Suspended Solids		ND	4.0		mg/L	1	T9L2806	12/28/09	12/29/09	SM 2540D
Biochemical Oxygen Demand		ND	1.0		mg/L	1	T9L2410	12/24/09	12/29/09	SMS210B
Tertiary Eff					Sampled: 12/22/09 10:45 9L23004-04 (Waste Water)					
Specific Conductance (EC)		680	1.0		µS/cm	1	T9L2315	12/23/09	12/23/09	EPA 120.1
Total Settling Solids		ND	0.10		mL/L/Hr	1	T9L2303	12/23/09	12/23/09	SM 2540F
Final Eff					Sampled: 12/22/09 10:45 9L23004-05 (Waste Water)					
Specific Conductance (EC)		680	1.0		µS/cm	1	T9L2315	12/23/09	12/23/09	EPA 120.1

Notes and Definitions

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

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

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



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

December 29, 2009

Work Order #: 9L23005

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 12/23/09. For your reference, these analyses have been assigned laboratory work order number 9L23005.

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: 12/29/2009
---	---	-------------------------

Analytical Report for Work Order 9L23005

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
						Final Eff Sampled: 12/23/09 10:50 9L23005-01 (Waste Water)				
Specific Conductance (EC)		710	1.0		µS/cm	1	T9L2315	12/23/09	12/23/09	EPA 120.1
						Tertiary Eff Sampled: 12/23/09 10:50 9L23005-02 (Waste Water)				
Specific Conductance (EC)		700	1.0		µS/cm	1	T9L2315	12/23/09	12/23/09	EPA 120.1
Total Settlicable Solids		ND	0.10		mL/L/Hr	1	T9L2401	12/24/09	12/24/09	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

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch T9L2315									
LCS (T9L2315-BS1)					Prepared & Analyzed: 12/23/09				
Specific Conductance (EC)		507	1.0	µS/cm	500		101 80-120		20
LCS Dup (T9L2315-BSD1)					Prepared & Analyzed: 12/23/09				
Specific Conductance (EC)		506	1.0	µS/cm	500		101 80-120	0.197	20
Duplicate (T9L2315-DUP1)					Source: 9L22008-01 Prepared & Analyzed: 12/23/09				
Specific Conductance (EC)		170	1.0	µS/cm		172		0.761	20
Duplicate (T9L2315-DUP2)					Source: 9L22043-07 Prepared & Analyzed: 12/23/09				
Specific Conductance (EC)		819	1.0	µS/cm		822		0.366	20

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

The results in this report apply to the samples analyzed in accordance with the chain 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

December 31, 2009

Work Order #: 9L28017

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 12/28/09 . For your reference, these analyses have been assigned laboratory work order number 9L28017.

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: 12/31/2009
---	---	-------------------------

Analytical Report for Work Order 9L28017

Analyte	Qual	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff Sampled: 12/24/09 09:50 9L28017-01 (Waste Water)										
Specific Conductance (EC)	HT	700	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1
Tertiary Eff Sampled: 12/24/09 09:50 9L28017-02 (Waste Water)										
Specific Conductance (EC)	HT	700	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1
Total Settlesable Solids	ND		0.10		mL/L/Hr	1	T9L2401	12/28/09	12/28/09	SM 2540F HR
Final Eff Sampled: 12/25/09 08:30 9L28017-03 (Waste Water)										
Specific Conductance (EC)	HT	660	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1
Tertiary Eff Sampled: 12/25/09 08:30 9L28017-04 (Waste Water)										
Specific Conductance (EC)	HT	660	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1
Total Settlesable Solids	ND		0.10		mL/L/Hr	1	T9L2401	12/28/09	12/28/09	SM 2540F HR
Final Eff Sampled: 12/26/09 08:30 9L28017-05 (Waste Water)										
Specific Conductance (EC)	HT	650	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1
Final Eff Sampled: 12/27/09 08:00 9L28017-06 (Waste Water)										
Specific Conductance (EC)		660	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1
Final Eff Sampled: 12/28/09 08:00 9L28017-07 (Waste Water)										
Specific Conductance (EC)		650	1.0		µS/cm	1	T9L2814	12/28/09	12/28/09	EPA 120.1

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 01/07/2010
---	---	-------------------------

Analytical Report for Work Order 0A04030

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff										
Sampled: 12/31/09 08:00 0A04030-01 (Waste Water)										
Specific Conductance (EC)	HR	710	1.0	1.0	µS/cm	1	T0A0421	01/04/10	01/04/10	EPA 120.1

Notes and Definitions

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

Inorganics - Quality Control

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

Batch T0A0421

LCS (T0A0421-BS1)										
Specific Conductance (EC)		504	1.0	µS/cm	500		101	80-120		20
Prepared & Analyzed: 01/04/10										
LCS Dup (T0A0421-BSD1)										
Specific Conductance (EC)		507	1.0	µS/cm	500		101	80-120	0.593	20
Prepared & Analyzed: 01/04/10										
Duplicate (T0A0421-DUP1)										
Specific Conductance (EC)		751	1.0	µS/cm	750				0.133	20
Source: 0A04001-01 Prepared & Analyzed: 01/04/10										
Duplicate (T0A0421-DUP2)										
Specific Conductance (EC)		750	1.0	µS/cm	744				0.803	20
Source: 0A04029-04 Prepared & Analyzed: 01/04/10										

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

January 07, 2010

Work Order #: 0A04030

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 01/04/10 . For your reference, these analyses have been assigned laboratory work order number 0A04030.

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 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: 01/07/2010
---	---	-------------------------

Analytical Report for Work Order 9L30021

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater										
Sampled: 12/29/09 08:00 9L30021-01 (Waste Water)										
Total Suspended Solids		110	20	5.7	mg/L	5	T9L3108	12/31/09	01/04/10	SM 2540D
Biochemical Oxygen Demand		33	10	10	mg/L	10	T9L2917	12/30/09	01/04/10	SM5210B
Final Eff										
Sampled: 12/29/09 17:00 9L30021-02 (Waste Water)										
Specific Conductance (EC)		640	1.0	1.0	µS/cm	1	T9L3007	12/30/09	12/30/09	EPA 120.1
Total Suspended Solids	J	2.4	4.0	1.1	mg/L	1	T9L3105	12/31/09	01/04/10	SM 2540D
Total Settlicable Solids		ND	0.10	0.10	mL/L/Hr	1	T9L2908	12/31/09	12/31/09	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T9L2917	12/30/09	01/04/10	SM5210B
Final Eff										
Sampled: 12/30/09 09:00 9L30021-03 (Waste Water)										
Specific Conductance (EC)		650	1.0	1.0	µS/cm	1	T9L3007	12/30/09	12/30/09	EPA 120.1
Nitrate as Nitrogen		14	0.90		mg/L	2	[CALC]	12/31/09	12/31/09	EPA 300.0
Nitrate as NO3		61	4.0	0.60	mg/L	2	T9L3102	12/31/09	12/31/09	EPA 300.0

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- 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.