

EXHIBIT 21

WDH

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

RECEIVED

SEP 20 2007

RWQCB-CVR
FRESNO, CALIF.

Attention: Mr. Dale Harvey, Senior Engineer

Subject: Malaga County Water District
Identifier BVV7-N2B, WDR No. 99-100 NPDES CA0084239
Telephone Number 559-485-7353

Dear Mr. Harvey:

Please find attached the monthly operations report for the Malaga County Water District for the month of August / Year 2007. The report includes the following subjects:

- 1) Influent Monitoring and Secondary Effluent Monitoring (monthly and annual reports)
- 2) Tertiary Effluent Monitoring (monthly and annual reports)
- 3) Evaporation/Percolation Pond Monitoring (monthly report)
- 4) Receiving Water Monitoring (monthly and annual reports)
 - I. R-1 Receiving Water Upstream of Discharge
 - II. R-2 Receiving Water Downstream of Discharge
- 5) Water Supply Monitoring (annual report)
- 6) Influent & Secondary Effluent (month of July/2007 update report)
- 7) Supporting Laboratory Documentation attached with this report.

MONITORING REPORT REVIEW

Engineer DAB

Compliance Yes no

Date Reviewed 10/30/07

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

Louy Morales
Malaga Wastewater Treatment Plant Operator

9-20-07
Date

8/18
 8/125
 500 Sample

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

Identifier: BVV7-N28
 phone: (559) 449-2700

Month: August Year: 2007

DATE	DAY	TOTAL FLOW MGD	MAX FLOW MGD	SS m/l	D/LR	pH	D/LR	EC umhos/cm	D/LR	TEMP deg F	D/LR	TOTAL RESIDUAL CL m/l	D/LR	BOD mg/l	D/LR	TSS mg/l	D/LR	Percent of Infiltration	DO mg/l	D/LR	AMMONIA mg/l	D/LR	TOC mg/l	D/LR	NO3-N mg/l	D/LR	TOTAL N mg/l	D/LR	TOTAL P mg/l	D/LR	Turbidity NTU	D/LR	Minerals mg/l	D/LR			
																																			1	1	4
1	w	0.343		less than 0.1	7.3			740		79		less than 0.1	20	Note a	less than 4						less than 1		2.2		9.2		12		2.1		1.7						
2	th	0.303			7.5			710		83		less than 0.1	20		less than 4																						
3	f	0.35			7.5			730		80		less than 0.1	20		less than 4																						
4	s	0.35			7.5			640		79		less than 0.1	20		less than 4																						
5	s	0.34			7.5			770		78		less than 0.1	20		less than 4																						
6	m	0.325			7.7			780		78		less than 0.1	20		less than 4																						
7	lu	0.35			7.6			941		77		less than 0.1	20		less than 4																						
8	w	0.345			7.4			650		78		less than 0.1	20		less than 4																						
9	th	0.35			8.9			933		73		less than 0.1	20		less than 4																						
10	f	0.322			9.2			927		75		less than 0.1	20		less than 4																						
11	s	0.34			7.1			730		74		less than 0.1	20		less than 4																						
12	s	0.345			7.4			780		76		less than 0.1	20		less than 4																						
13	m	0.341			7.4			770		78		less than 0.1	20		less than 4																						
14	lu	0.346			7.3			720		78		less than 0.1	20		less than 4																						
15	w	0.346			7.3			880		78		less than 0.1	20		less than 4																						
16	th	0.345			7			820		78		less than 0.1	20		less than 4																						
17	f	0.348			7.1			790		75		less than 0.1	20		less than 4																						
18	s	0.345			7.3			740		80		less than 0.1	20		less than 4																						
19	s	0.35			7.4			900		74		less than 0.1	20		less than 4																						
20	m	0.35			7.1			830		77		less than 0.1	20		less than 4																						
21	lu	0.34			7.2			780		79		less than 0.1	20		less than 4																						
22	w	0.35			7.2			830		77		less than 0.1	20		less than 4																						
23	th	0.35			7.2			780		79		less than 0.1	20		less than 4																						
24	f	0.348			7.2			800		81		less than 0.1	20		less than 4																						
25	s	0.34			7.2			800		80		less than 0.1	20		less than 4																						
26	s	0.346			7.3			810		80		less than 0.1	20		less than 4																						
27	m	0.344			7.2			790		85		less than 0.1	20		less than 4																						
28	lu	0.348			7.3			720		87		less than 0.1	20		less than 4																						
29	w	0.348			7.4			630		83		less than 0.1	20		less than 4																						
30	th	0.35			7.4			690		83		less than 0.1	20		less than 4																						
31	f	0.345			7.4			795		78		less than 0.1	20		less than 4																						
TOTAL		10.641			7.4			1093		87		less than 0.1	20		less than 4																						
AVE		0.343			7.4							less than 0.1	18		less than 4																						
DAILY MAX		0.35			9.2							less than 0.1	18		less than 4																						
MEAN												less than 0.1	18		less than 4																						

Submitted by Jenny Morales Date 9-20-07

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

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

Date : August / Year : 2007

DISCHARGE	DATE	DAY	TOTAL FLOW MGD	MAX FLOW MGD	pH	DLR	EC umhos/cm	DLR 1	TEMP deg F	DLR	TOTAL RES CL mg/l	DLR 0.1	DO mg/l	DLR weekly	AMMONIA mg/l	DLR weekly	Fecal Col. MPN/100ml	DLR 2	NO3-N mg/l	DLR 0.45	TKN mg/l	DLR 1	TOTAL P mg/l	DLR 0.1	Turbidity NTU	DLR weekly	Minerals mg/l	DLR annually	
																													Limit
	1	w	1.29		7.5																								
	2	th	0																										
	3	f	0																										
	4	s	0																										
	5	s	0																										
	6	m	0																										
	7	tu	0																										
	8	w	0																										
	9	th	0																										
	10	f	0																										
	11	s	0																										
	12	s	0																										
	13	m	0																										
	14	tu	0																										
	15	w	0																										
	16	th	0																										
	17	f	0																										
	18	s	0																										
	19	s	0																										
	20	m	0																										
	21	tu	0																										
	22	w	0																										
	23	th	0																										
	24	f	0																										
	25	s	0																										
	26	s	0																										
	27	m	0																										
	28	tu	0																										
	29	w	0																										
	30	th	0																										
	31	f	0																										
	TOTAL		1.29																										
	AVE																												

Submitted by: *Jerry McRae* Date: *9-20-07* NOTES: 1. MONITORING IS DAILY UNLESS NOTED OTHERWISE
 2. STATION R1 - 500 FT UPSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL
 3. STATION R2- 500 FT DNSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL

(a) The discharge of effluent shall not cause the D. O. to fall below 5.0 mg/l

Date : August / Year : 2007

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

DISCHARGE	DATE	DAY	TOTAL FLOW MGD	MAX FLOW MGD	pH	D/LR	EC umhos/cm	D/LR TEMP deg F	D/LR TOTAL RES CL mg/l	D/LR DO mg/l	D/LR AMMONIA mg/l	D/LR Fecal Col. MPN/100 ml	D/LR NO3-N mg/l	D/LR TKN mg/l	D/LR TOTAL P mg/l	D/LR Turbidity NTU	D/LR Minerals mg/l annually	
																		5.0 min. weekly
LIMIT							60		less than 0.1	Note a								See Attached
1	1	W	1.633		7.3		63	67	less than 0.1		less than	500	0.67	3.1	0.18			
2	2	Th	0.303		7.7		700	80	less than 0.1									
3	3	F	0.35		7.5		734	73	less than 0.1	6.6								
4	4	S	0.35		7.4		829	77	less than 0.1									
5	5	S	0.34		7.5		818	75	less than 0.1									
6	6	M	0.325		7.6		790	79	less than 0.1									
7	7	Th	0.35		7.3		929	75	less than 0.1									
8	8	W	0.345		8.9		850	92	less than 0.1									
9	9	Th	0.35		8.8		970	71	less than 0.1	7.5								
10	10	F	0.322		8.8		910	72	less than 0.1									
11	11	S	0.344		7.1		932	75	less than 0.1									
12	12	S	0.345		7.8		730	71	less than 0.1									
13	13	M	0.341		7.4		761	79	less than 0.1									
14	14	Th	0.346		8.7		824	92	less than 0.1		less than							
15	15	W	0.346		7.3		730	80	less than 0.1									
16	16	Th	0.345		8.1		800	69	less than 0.1									
17	17	F	0.348		7.1		800	67	less than 0.1	7		80						
18	18	S	0.345		7.4		768	82	less than 0.1									
19	19	S	0.35		7.5		773	74	less than 0.1									
20	20	M	0.35		8.7		720	91	less than 0.1		less than							
21	21	Th	0.34		7.3		910	88	less than 0.1									
22	22	W	0.35		7.2		833	81	less than 0.1									
23	23	Th	0.35		7.5		823	81	less than 0.1									
24	24	F	0.348		7.3		792	81	less than 0.1	8.8		<2						
25	25	S	0.34		7.3		860	78	less than 0.1									
26	26	S	0.346		7.3		810	76	less than 0.1									
27	27	M	0.344		8.8		750	88	less than 0.1		less than				9.1	2.9	2	
28	28	Th	0.348		8.9		773	92	less than 0.1									
29	29	W	0.348		8.6		774	93	less than 0.1									
30	30	Th	0.35		8		650	83	less than 0.1									
31	31	F	0.345		7.6		720	82	less than 0.1	7.3		140						
TOTAL AVE			11.93		7.8		752	79	less than 0.1	7.4		149			7.15	3	1.67	2.2

Submitted by: *Jerry Weiss* Date: *9-20-07* NOTES: 1. MONITORING IS DAILY UNLESS NOTED OTHERWISE
 2. STATION R1 - 500 FT UPSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL
 3. STATION R2- 500 FT DNSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL

(a) The discharge of effluent shall not cause the D. O. to fall below 5.0 mg/l

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

Month: August / Year: 2007

DATE	POND1		POND2		POND3		POND4		POND5		POND6		POND7		POND8	
	DO mg/l	FRB ft														
DISCHARGE LIMIT	1.0 min.	2 ft. min.														
1																
2																
3	6.2	2.33	1.3	2.33	6.2	2	6	2.08	8	2.08	8	2.41	7.5	2.08	8.3	2.25
4																
5																
6																
7																
8																
9																
10	5.6	3	7.5	2.25	4.4	1.91	5	2	5	2	4.4	2.33	4.8	2	5.4	2.16
11																
12																
13																
14																
15																
16																
17	7.9	3.75	7	2.25	4.2	1.91	1.5	2.16	7.5	2	8.3	2.33	4.7	2	5.7	2.16
18																
19																
20																
21																
22																
23																
24	4.7	3.91	7.3	2.25	13.2	1.91	1.8	2.08	5.9	2	10.6	2.33	11.2	2	7.1	2.16
25																
26																
27																
28																
29																
30																
31	5	4.91	4.7	2.08	4.3	1.91	4.5	1.91	8.5	1.91	6	2.25	5.5	1.91	8.3	2

Pond Observations:

↑

Submitted by: Jenny Morales Date: 9-20-07

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

Month : August / Year : 2007

	POND 1	POND 2	POND 3	POND 4	POND 5	POND 6	POND 7	POND 8
WEEK 1								
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material(Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	Green	Clear	light Green	Clear	light Green	light Green	light Green	light Green
WEEK 2								
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material(Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light Green							
WEEK 3								
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material(Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light Green							
WEEK 4								
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material(Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light Green	Clear	light Green					
WEEK 5								
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material(Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light Green	light Green	light Green	Clear	light Green	Clear	Clear	light Green
WEEK 6								
Weeds (Y, N) Locations	N	N	N	N	N	N	N	N
Surface Material(Y, N) Locations	N	N	N	N	N	N	N	N
Burrowing Animals (Y, N)	N	N	N	N	N	N	N	N
Insects (Y, N)	N	N	N	N	N	N	N	N
Color	light Green	light Green	light Green	Clear	light Green	light Green	light Green	light Green

Submitted by Jessy Madala Date: 9-20-07

NOTE: Y=Yes
N=No



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

August 07, 2007

Work Order #: 7H01015

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 08/01/07 . For your reference, these analyses have been assigned laboratory work order number 7H01015.

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: 8/7/07
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Analytical Report for Work Order 7H01015

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent			Sampled:08/01/07 08:00		7H01015-01 (Waste Water)			
Specific Conductance (EC)	710	1.0	µS/cm	1	T7H0217	08/02/07	08/02/07	EPA 120.1
Tertiary Effluent Station R1			Sampled:08/01/07 08:40		7H01015-02 (Surface Water)			
Fecal Coliforms	>= 1,600	2.0	MPN/100 mL	1	T7H0211	08/01/07	08/03/07	SM9221B/E/F
Tertiary Effluent Station R2			Sampled:08/01/07 09:00		7H01015-03 (Surface Water)			
Fecal Coliforms	500	2.0	MPN/100 mL	1	T7H0211	08/01/07	08/04/07	SM9221B/E/F

Notes and Definitions

_>3	>= 1,600
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
James H. Brownfield, Quality Assurance Manager

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



Laboratory Work Order #: 7H03008

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	Report Date: 08/08/2007
	Project Number: Analytical Services	
	Project Manager: Tony Morales	

Analytical Report for Microbiologicals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
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Tertiary Effluent						Laboratory ID#: 7H03008-01 (Waste Water)		
<i>Date Sampled:</i> 8/3/07 9:00		<i>Sampled By:</i> Tony Morales				<i>Date Received:</i> 8/3/07 11:00		
Total Coliforms	<2	2.0	MPN/100 mL	1	T7H0320	08/03/07	08/05/07	SM9221B/E/F

Notes and Definitions

_3x5 <2

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

MPN Most Probable Number
 CFU Colony Forming Units

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

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry

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.

James H. Brownfield, Quality Assurance Manager



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

August 10, 2007

Work Order #: 7H01014

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 08/01/07. For your reference, these analyses have been assigned laboratory work order number 7H01014.

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:
8/10/07

Analytical Report for Work Order 7H01014

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent			Sampled:08/01/07 08:20		7H01014-01 (Waste Water)			
Nitrate as Nitrogen	9.2	0.45	mg/L	1	[CALC]	08/03/07	08/02/07	[CALC]
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	08/03/07	08/02/07	[CALC]
Total Nitrogen	12	1.8	mg/L	1	[CALC]	08/03/07	08/06/07	[CALC]
Specific Conductance (EC)	740	1.0	µS/cm	1	T7H0217	08/02/07	08/02/07	EPA 120.1
Total Suspended Solids	ND	4.0	mg/L	1	T7H0305	08/03/07	08/06/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7H0222	08/02/07	08/02/07	EPA 160.5
Nitrite as NO ₂	ND	1.0	mg/L	1	T7H0202	08/02/07	08/02/07	EPA 300.0
Nitrate as NO ₃	41	2.0	mg/L	1	T7H0202	08/02/07	08/02/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H0706	08/07/07	08/08/07	EPA 350.1
Total Kjeldahl Nitrogen	2.7	1.0	mg/L	1	T7H0303	08/03/07	08/06/07	EPA 351.2
Phosphorus	2.1	0.10	mg/L	1	T7H0303	08/03/07	08/06/07	EPA 365.4
Biochemical Oxygen Demand	2.9	1.0	mg/L	1	T7H0221	08/02/07	08/07/07	SM5210B/EPA 405.1
Tertiary Effluent Station R1			Sampled:08/01/07 08:40		7H01014-02 (Surface Water)			
Specific Conductance (EC)	25	1.0	µS/cm	1	T7H0217	08/02/07	08/02/07	EPA 120.1
Nitrate as Nitrogen	ND	0.45	mg/L	1	[CALC]	08/02/07	08/02/07	EPA 300.0
Nitrate as NO ₃	ND	2.0	mg/L	1	T7H0202	08/02/07	08/02/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H0706	08/07/07	08/08/07	EPA 350.1
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1	T7H0303	08/03/07	08/06/07	EPA 351.2
Phosphorus	ND	0.10	mg/L	1	T7H0303	08/03/07	08/06/07	EPA 365.4
Tertiary Effluent Station R2			Sampled:08/01/07 09:00		7H01014-03 (Surface Water)			
Specific Conductance (EC)	63	1.0	µS/cm	1	T7H0217	08/02/07	08/02/07	EPA 120.1
Nitrate as Nitrogen	0.67	0.45	mg/L	1	[CALC]	08/02/07	08/02/07	EPA 300.0
Nitrate as NO ₃	3.0	2.0	mg/L	1	T7H0202	08/02/07	08/02/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H0706	08/07/07	08/08/07	EPA 350.1
Total Kjeldahl Nitrogen	3.1	1.0	mg/L	1	T7H0303	08/03/07	08/06/07	EPA 351.2
Phosphorus	0.18	0.10	mg/L	1	T7H0303	08/03/07	08/06/07	EPA 365.4

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. 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

August 27, 2007

Work Order #: 7H01009

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 08/01/07 . For your reference, these analyses have been assigned laboratory work order number 7H01009.

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

SEP - 4 2007



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

California ELAP Certificate # 1371

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 8/27/07
---	---	----------------------

Final Effluent

7H01009-01 (Waste Water) Sampled:08/01/07 08:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Inorganics									
Total Alkalinity as CaCO3	120	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Bicarbonate Alkalinity as HCO3	150	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Carbonate Alkalinity as CO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Hydroxide Alkalinity as OH	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Cation/Anion Balance (% Difference)	8.0		%	1	T7H0917	08/09/07	08/09/07	CALC	
Chloride	62	6.0	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
Specific Conductance (EC)	730	1.0	µS/cm	1	T7H0208	08/01/07	08/01/07	SM2510B	
Hardness	140	0.66	mg equiv. CaCO3/L	1	[CALC]	08/06/07	08/09/07	[CALC]	
Langelier Index	-0.52		SI	1	T7H0918	08/09/07	08/09/07	[CALC]	
Methylene Blue Active Substances	0.069	0.050	mg/L	1	T7G3116	08/02/07	08/03/07	SM5540C	
Nitrate as NO3	49	6.0	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
Orthophosphate as P	3.2	1.5	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
pH	7.3	0.10	pH Units	1	T7H0207	08/01/07	08/01/07	EPA 150.1	
Sulfate as SO4	100	6.0	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
Total Dissolved Solids	510	10	mg/L	1	T7H0204	08/02/07	08/06/07	EPA 160.1	

Metals

Boron	0.17	0.050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Calcium	30	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Copper	0.036	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Iron	0.18	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Magnesium	14	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Manganese	ND	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Potassium	17	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Sodium	120	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Zinc	0.12	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	

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CHAIN OF CUSTODY / ANALYSIS REQUEST
 2527 FRESNO STREET • FRESNO, CA 93721 • PHONE (559) 268-7021 • FAX: (559) 268-0740

EST. 1938
LABORATORIES, INC.
 ANALYTICAL CHEMISTRY • ENVIRONMENTAL SERVICES
 GEOTECHNICAL ENGINEERING - SAMPLING SERVICES
 CONSTRUCTION INSPECTION & MATERIALS TESTING

WORK ORDER #: 7A04009
PAGE _____ **OF** _____

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

ATTENTION: Tony Morales	ATTENTION: Laurie Cortez	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM/EDD/EDT) (please include system ID#) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <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: 485-7353	PHONE: 485-7353	
FAX: 495-1070	FAX: 485-7319	

SAMPLE INFORMATION SAMPLED BY (PRINT): Tony Morales SIGNATURE: Tony Morales <input type="checkbox"/> PUBLIC SYSTEM <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input checked="" type="checkbox"/> 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 NAME: Malaga sewer plant PROJECT NUMBER: PROJECT MANAGER:
--	---	---

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	ANALYSIS REQUESTED							
					Minerals	PH						
	Final EEE	8-1-07	8:AM	WW	X	X						
	Tertiary EEE	8-1-07	8:20 AM	WW	X	X						
	Tertiary EEE Station P-1	8-1-07	8:40 AM	SF	X	X						
	Tertiary EEE Station P-2	8-1-07	9:AM	SF	X	X						

COMMENTS/ADDITIONAL INSTRUCTIONS:
 Temp 23.6 °C, pH = 1 (HNO₃), pH = 4 (-)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
Tony Morales	Malaga County Water District	8-1-07	1050	V. Crawley	MTA



California ELAP Certificate #1371

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

August 27, 2007

Work Order #: 7H01009

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 08/01/07 . For your reference, these analyses have been assigned laboratory work order number 7H01009.

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

SEP - 4 2007



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: 8/27/07
---	---	----------------------

Tertiary Effluent

7H01009-02 (Waste Water) Sampled:08/01/07 08:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Inorganics									
Total Alkalinity as CaCO3	120	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Bicarbonate Alkalinity as HCO3	150	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Carbonate Alkalinity as CO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Hydroxide Alkalinity as OH	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Cation/Anion Balance (% Difference)	6.9		%	1	T7H0917	08/09/07	08/09/07	CALC	
Chloride	82	6.0	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
Specific Conductance (EC)	760	1.0	µS/cm	1	T7H0208	08/01/07	08/01/07	SM2510B	
Hardness	140	0.66	mg equiv. CaCO3/L	1	[CALC]	08/06/07	08/09/07	[CALC]	
Langelier Index	-0.41		SI	1	T7H0918	08/09/07	08/09/07	[CALC]	
Methylene Blue Active Substances	0.069	0.050	mg/L	1	T7G3116	08/02/07	08/03/07	SM5540C	
Nitrate as NO3	39	6.0	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
Orthophosphate as P	2.2	1.5	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
pH	7.4	0.10	pH Units	1	T7H0207	08/01/07	08/01/07	EPA 150.1	
Sulfate as SO4	85	6.0	mg/L	3	T7H0104	08/01/07	08/01/07	EPA 300.0	
Total Dissolved Solids	510	10	mg/L	1	T7H0204	08/02/07	08/06/07	EPA 160.1	
Metals									
Boron	0.090	0.050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Calcium	31	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Copper	0.024	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Iron	ND	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Magnesium	14	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Manganese	ND	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Potassium	12	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Sodium	120	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Zinc	0.073	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	

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 CONSTRUCTION INSPECTION & MATERIALS TESTING

WORK ORDER #: 7A04009
PAGE _____ **OF** _____

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/EDD/EDT) (please include system ID#)
ADDRESS: 3580 S. Frank Fresno, CA 93725	ADDRESS: 3580 S. Frank Fresno, CA 93725	<input type="checkbox"/> GEOTRACKER/COELT (LUFT)
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	SOLIDS: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.:
SIGNATURE: Tony Morales	LIQUIDS: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER	PROJECT NAME: Malaga sewer plant
<input type="checkbox"/> PUBLIC SYSTEM <input checked="" type="checkbox"/> ROUTINE		PROJECT NUMBER:
<input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT		PROJECT MANAGER:
<input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT		
TURN AROUND TIME: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH, DUE ON:		

LAB USE	NOTES ON RECEIVED CONDITIONS:				ANALYSIS REQUESTED								
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN	<input type="checkbox"/> SAMPLE(S) DAMAGED	<input type="checkbox"/> ON ICE	<input type="checkbox"/> AMBIENT TEMP.	<input type="checkbox"/> INCORRECT PRESERVATION	Minerals	pH						
	CLIENT SAMPLE ID	DATE	TIME	TYPE									
	Final ETC	8-1-07	8:AM	WW		X	X						
	Tertiary ETC	8-1-07	8:20 AM	WW		X	X						
	Tertiary ETC Station P-1	8-1-07	8:40 AM	SF		X	X						
	Tertiary ETC Station P-2	8-1-07	9:AM	SF		X	X						

COMMENTS/ADDITIONAL INSTRUCTIONS:
 Temp 23.6 °C, pH = 1 (HNO3), pH = 6 (a)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
Tony Morales	Malaga County Water District	8-1-07	1050	V. Carby	MTA



California ELAP Certificate #1371

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

August 27, 2007

Work Order #: 7H01009

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 08/01/07 . For your reference, these analyses have been assigned laboratory work order number 7H01009.

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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

SEP - 4 2007



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: 8/27/07
---	---	----------------------

Tertiary Effluent Station R-1

7H01009-03 (Surface Water)

Sampled:08/01/07 08:40

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

Inorganics

Total Alkalinity as CaCO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Bicarbonate Alkalinity as HCO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Carbonate Alkalinity as CO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Hydroxide Alkalinity as OH	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Cation/Anion Balance (% Difference)	71		%	1	T7H0917	08/09/07	08/09/07	CALC	
Chloride	ND	2.0	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
Specific Conductance (EC)	24	1.0	µS/cm	1	T7H0208	08/01/07	08/01/07	SM2510B	
Hardness	10	0.66	mg equiv. CaCO3/L	1	[CALC]	08/06/07	08/09/07	[CALC]	
Langelier Index	-2.50		SI	1	T7H0918	08/09/07	08/09/07	[CALC]	
Methylene Blue Active Substances	ND	0.050	mg/L	1	T7G3116	08/02/07	08/03/07	SM5540C	
Nitrate as NO3	ND	2.0	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
Orthophosphate as P	ND	0.50	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
pH	7.0	0.10	pH Units	1	T7H0207	08/01/07	08/01/07	EPA 150.1	
Sulfate as SO4	2.2	2.0	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
Total Dissolved Solids	20	10	mg/L	1	T7H0204	08/02/07	08/06/07	EPA 160.1	

Metals

Boron	ND	0.050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Calcium	3.1	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Iron	0.12	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Magnesium	0.60	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Manganese	0.0073	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Potassium	ND	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Sodium	1.4	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Zinc	ND	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	

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CHAIN OF CUSTODY / ANALYSIS REQUEST
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LABORATORIES, INC.
 ANALYTICAL CHEMISTRY - ENVIRONMENTAL SERVICES
 GEOTECHNICAL ENGINEERING - SAMPLING SERVICES
 CONSTRUCTION INSPECTION & MATERIALS TESTING

WORK ORDER #: 71104009
PAGE _____ **OF** _____

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

ATTENTION: Tony Morales	ATTENTION: Laurie Cortez	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM/EDD/EDT) (please include system ID#) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <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	
FRESNO, CA 93725	FRESNO, CA 93725	
PHONE: 485-7353	PHONE: 485-7353	
FAX: 495-1070	FAX: 485-7319	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): Tony Morales	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	CONTRACT/P.O. NO.:	
SIGNATURE: Tony Morales		PROJECT NAME: Malaga Sewer Plant	
<input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> OTHER		PROJECT NUMBER:	
<input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> REPEAT <input type="checkbox"/> REPLACEMENT		PROJECT MANAGER:	
TURN AROUND TIME: <input checked="" type="checkbox"/> STANDARD	<input type="checkbox"/> RUSH, DUE ON:	ANALYSIS REQUESTED	

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED								
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN	<input type="checkbox"/> SAMPLE(S) DAMAGED	<input type="checkbox"/> ON ICE	<input type="checkbox"/> AMBIENT TEMP.	<input type="checkbox"/> INCORRECT PRESERVATION								
	CLIENT SAMPLE ID	DATE	TIME	TYPE									
	Final EEE	8-1-07	8:AM	WW		X	X						
	Tertiary EEE	8-1-07	8:20 AM	WW		X	X						
	Tertiary EEE Station P-1	8-1-07	8:40 AM	SF		X	X						
	Tertiary EEE Station P-2	8-1-07	9:AM	SF		X	X						

COMMENTS/ADDITIONAL INSTRUCTIONS:
 Temp 23.6 °C, pH = 1 (HNO3), pH = 6 (D)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
Tony Morales	Malaga County Water District	8-1-07	1050	V. Carby	WDA



California ELAP Certificate #1371

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

August 27, 2007

Work Order #: 7H01009

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 08/01/07 . For your reference, these analyses have been assigned laboratory work order number 7H01009.

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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

SEP - 4 2007



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:
 8/27/07

Tertiary Effluent Station R-2

7H01009-04 (Surface Water)

Sampled:08/01/07 09:00

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

Inorganics

Total Alkalinity as CaCO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Bicarbonate Alkalinity as HCO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Carbonate Alkalinity as CO3	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Hydroxide Alkalinity as OH	ND	20	mg/L	1	T7H0911	08/09/07	08/10/07	SM 2320B	
Cation/Anion Balance (% Difference)	35		%	1	T7H0917	08/09/07	08/09/07	CALC	
Chloride	5.0	2.0	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
Specific Conductance (EC)	58	1.0	µS/cm	1	T7H0208	08/01/07	08/01/07	SM2510B	
Hardness	17	0.66	mg equiv. CaCO3/L	1	[CALC]	08/06/07	08/09/07	[CALC]	
Langelier Index	-2.33		SI	1	T7H0918	08/09/07	08/09/07	[CALC]	
Methylene Blue Active Substances	ND	0.050	mg/L	1	T7G3116	08/02/07	08/03/07	SM5540C	
Nitrate as NO3	2.8	2.0	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
Orthophosphate as P	ND	0.50	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
pH	7.0	0.10	pH Units	1	T7H0207	08/01/07	08/01/07	EPA 150.1	
Sulfate as SO4	6.2	2.0	mg/L	1	T7H0104	08/01/07	08/01/07	EPA 300.0	
Total Dissolved Solids	42	10	mg/L	1	T7H0204	08/02/07	08/06/07	EPA 160.1	

Metals

Boron	ND	0.050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Calcium	4.6	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Iron	0.14	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Magnesium	1.3	0.10	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Manganese	0.0083	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Potassium	ND	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Sodium	7.2	1.0	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	
Zinc	0.0055	0.0050	mg/L	1	T7H0608	08/06/07	08/09/07	EPA 200.7	

SEP - 4 2007



LABORATORIES, INC.

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

CHAIN OF CUSTODY / ANALYSIS REQUEST
 2527 FRESNO STREET • FRESNO, CA 93721 • PHONE (559) 268-7021 • FAX: (559) 268-0740

WORK ORDER #: 7104009
PAGE _____ **OF** _____

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/EDD/EDT) (please include system ID#)
ADDRESS: 3580 S. Frank	ADDRESS: 3580 S. Frank	<input type="checkbox"/> GEOTRACKER/COILT (LUFT)
FRESNO, CA 93725	FRESNO, CA 93725	<input type="checkbox"/> County DHS:
PHONE: 485-7353	PHONE: 485-7353	<input type="checkbox"/> Environmental Health Agency
FAX: 495-1070	FAX: 485-7319	<input type="checkbox"/> OTHER:

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

NOTES ON RECEIVED CONDITIONS:

CUSTODY SEAL(S) BROKEN **SAMPLE(S) DAMAGED**

ON ICE **AMBIENT TEMP.** **INCORRECT PRESERVATION**

LAB USE	CLIENT SAMPLE ID	DATE	TIME	TYPE	ANALYSIS REQUESTED														
	Final EEE	8-1-07	8:AM	ww	X	X													
	Tertiary EEE	8-1-07	8:20 AM	ww	X	X													
	Tertiary EEE Station P-1	8-1-07	8:40 AM	SF	X	X													
	Tertiary EEE Station P-2	8-1-07	9:AM	SF	X	X													

COMMENTS/ADDITIONAL INSTRUCTIONS:
 Temp 23.6 °C , pHi = 1 (HNO3) , pH = 6 (a)

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
Tony Morales	Malaga County Water District	8-1-07	1050	V. Cruz	MDA



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

August 07, 2007

Work Order #: 7H03007

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 08/03/07. For your reference, these analyses have been assigned laboratory work order number 7H03007.

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: 8/7/07
---	---	---------------------

Analytical Report for Work Order 7H03007

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent			Sampled: 08/01/07 15:00		7H03007-01 (Waste Water)			
Turbidity	1.7	0.020	NTU	1	T7H0317	08/03/07	08/03/07	EPA 180.1
Tertiary Effluent Station R-1			Sampled: 08/01/07 15:30		7H03007-02 (Surface Water)			
Turbidity	1.4	0.020	NTU	1	T7H0317	08/03/07	08/03/07	EPA 180.1
Tertiary Effluent Station R-2			Sampled: 08/01/07 15:45		7H03007-03 (Surface Water)			
Turbidity	1.2	0.020	NTU	1	T7H0317	08/03/07	08/03/07	EPA 180.1

Notes and Definitions

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

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. 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

August 14, 2007

Work Order #: 7H08011

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 08/08/07 . For your reference, these analyses have been assigned laboratory work order number 7H08011.

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: 8/14/07
---	---	----------------------

Analytical Report for Work Order 7H08011

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent						Sampled:08/07/07 08:00		7H08011-01 (Surface Water)
Turbidity	1.2	0.020	NTU	1	T7H0808	08/08/07	08/08/07	EPA 180.1
Tertiary Effluent Station R2						Sampled:08/07/07 10:30		7H08011-02 (Surface Water)
Turbidity	1.3	0.020	NTU	1	T7H0808	08/08/07	08/08/07	EPA 180.1

Notes and Definitions

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

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

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



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

August 16, 2007

Work Order #: 7H08009

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 08/08/07. For your reference, these analyses have been assigned laboratory work order number 7H08009.

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: 8/16/07
---	---	----------------------

Analytical Report for Work Order 7H08009

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent			Sampled:08/08/07 11:00		7H08009-01 (Waste Water)			
Nitrate as Nitrogen	15	1.4	mg/L	3	[CALC]	08/09/07	08/09/07	[CALC]
Nitrite as Nitrogen	ND	0.61	mg/L	2	[CALC]	08/09/07	08/09/07	[CALC]
Total Nitrogen	18	3.0	mg/L	3	[CALC]	08/09/07	08/10/07	[CALC]
Total Suspended Solids	ND	4.0	mg/L	1	T7H0903	08/09/07	08/10/07	EPA 160.2
Total Settlicable Solids	ND	0.10	mL/L/Hr	1	T7H1012	08/09/07	08/09/07	EPA 160.5
Nitrite as NO ₂	ND	2.0	mg/L	2	T7H0903	08/09/07	08/09/07	EPA 300.0
Nitrate as NO ₃	67	6.0	mg/L	3	T7H0903	08/09/07	08/09/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H1304	08/13/07	08/14/07	EPA 350.1
Total Kjeldahl Nitrogen	2.6	1.0	mg/L	1	T7H0904	08/09/07	08/10/07	EPA 351.2
Phosphorus	3.2	0.10	mg/L	1	T7H0904	08/09/07	08/13/07	EPA 365.4
Biochemical Oxygen Demand	5.6	1.0	mg/L	1	T7H0907	08/09/07	08/14/07	SM5210B/EPA 405.1

Notes and Definitions

- Q4 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance 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
James H. Brownfield, Quality Assurance Manager

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



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

August 22, 2007

Work Order #: 7H09022

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 08/09/07 . For your reference, these analyses have been assigned laboratory work order number 7H09022.

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:
8/22/07

Analytical Report for Work Order 7H09022

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater			Sampled:08/08/07 13:00		7H09022-01 (Waste Water)			
Total Suspended Solids	130	40	mg/L	10	T7H1004	08/10/07	08/13/07	EPA 160.2
Total Settleable Solids	4.6	0.10	mL/L/Hr	1	T7H1013	08/10/07	08/10/07	EPA 160.5
Biochemical Oxygen Demand	210	60	mg/L	60	T7H1011	08/10/07	08/15/07	SM5210B/EPA 405.1
Final Effluent			Sampled:08/09/07 08:00		7H09022-02 (Waste Water)			
Specific Conductance (EC)	760	1.0	µS/cm	1	T7H0910	08/09/07	08/09/07	EPA 120.1
Total Suspended Solids	ND	4.0	mg/L	1	T7H1004	08/10/07	08/13/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7H1013	08/10/07	08/10/07	EPA 160.5
Biochemical Oxygen Demand	1.2	1.0	mg/L	1	T7H1011	08/10/07	08/15/07	SMS210B/EPA 405.1
Tertiary Effluent Station R-2			Sampled:08/09/07 08:45		7H09022-03 (Surface Water)			
Nitrate as NO3	ND	2.0	mg/L	1	T7H0903	08/09/07	08/09/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H1304	08/13/07	08/14/07	EPA 350.1
Total Kjeldahl Nitrogen	4.3	1.0	mg/L	1	T7H1506	08/15/07	08/16/07	EPA 351.2
Phosphorus	1.6	0.10	mg/L	1	T7H1506	08/15/07	08/16/07	EPA 365.4

Notes and Definitions

Q4	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance 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
James H. Brownfield, Quality Assurance Manager

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



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

August 16, 2007

Work Order #: 7H10011

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 08/10/07 . For your reference, these analyses have been assigned laboratory work order number 7H10011.

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:
8/16/07

Analytical Report for Work Order 7H10011

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent			Sampled:08/10/07 08:00			7H10011-01 (Waste Water)		
Specific Conductance (EC)	920	1.0	µS/cm	1	T7H1006	08/10/07	08/10/07	EPA 120.1
Tertiary Effluent			Sampled:08/10/07 08:00			7H10011-02 (Waste Water)		
Specific Conductance (EC)	930	1.0	µS/cm	1	T7H1006	08/10/07	08/10/07	EPA 120.1
Tertiary Effluent Station R2			Sampled:08/10/07 08:50			7H10011-03 (Surface Water)		
Specific Conductance (EC)	910	1.0	µS/cm	1	T7H1006	08/10/07	08/10/07	EPA 120.1

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



Laboratory Work Order #: 7H10012

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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Report Date: 08/16/2007
--	---	----------------------------

Analytical Report for Microbiologicals

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

Tertiary Effluent

Laboratory ID#: 7H10012-01 (Waste Water)

Date Sampled: 8/10/07 8:35

Sampled By: Tony Morales

Date Received: 8/10/07 13:25

Total Coliforms <2 2.0 MPN/100 mL 1 T7H1020 08/10/07 08/12/07 SM9221B/E/P

Tertiary Effluent Station R2

Laboratory ID#: 7H10012-02 (Surface Water)

Date Sampled: 8/10/07 8:50

Sampled By: Tony Morales

Date Received: 8/10/07 13:25

Fecal Coliforms 23 2.0 MPN/100 mL 1 T7H1020 08/10/07 08/13/07 SM9221B/E/P

Notes and Definitions

_3x5 <2

ND Analyte NOT DETECTED at or above the reporting limit

MPN Most Probable Number

mg/L milligrams/Liter (ppm)

NR Not Reported

CFU Colony Forming Units

ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J. Boquist Director of Analytical Chemistry

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.

James H. Brownfield Quality Assurance Manager



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

August 16, 2007

Work Order #: 7H13013

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 08/13/07 . For your reference, these analyses have been assigned laboratory work order number 7H13013.

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:
8/16/07

Analytical Report for Work Order 7H13013

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent			Sampled:08/12/07 16:00		7H13013-01 (Waste Water)			
Specific Conductance (EC)	750	1.0	µS/cm	1	T7H1307	08/13/07	08/13/07	EPA 120.1
Tertiary Effluent			Sampled:08/12/07 16:00		7H13013-02 (Waste Water)			
Specific Conductance (EC)	730	1.0	µS/cm	1	T7H1307	08/13/07	08/13/07	EPA 120.1
Tertiary Effluent Station R2			Sampled:08/12/07 16:30		7H13013-03 (Surface Water)			
Specific Conductance (EC)	730	1.0	µS/cm	1	T7H1307	08/13/07	08/13/07	EPA 120.1

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



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

August 22, 2007

Work Order #: 7H14024

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 08/14/07 . For your reference, these analyses have been assigned laboratory work order number 7H14024.

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: 8/22/07
---	---	----------------------

Analytical Report for Work Order 7H14024

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent			Sampled: 08/13/07 16:00					
			7H14024-01 (Waste Water)					
Nitrate as Nitrogen	3.3	0.45	mg/L	1	[CALC]	08/15/07	08/14/07	[CALC]
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	08/15/07	08/14/07	[CALC]
Total Nitrogen	7.2	1.8	mg/L	1	[CALC]	08/15/07	08/16/07	[CALC]
Total Suspended Solids	ND	4.0	mg/L	1	T7H1502	08/15/07	08/15/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7H1418	08/14/07	08/14/07	EPA 160.5
Turbidity	2.0	0.020	NTU	1	T7H1516	08/15/07	08/15/07	EPA 180.1
Nitrite as NO ₂	ND	1.0	mg/L	1	T7H1401	08/14/07	08/14/07	EPA 300.0
Nitrate as NO ₃	15	2.0	mg/L	1	T7H1401	08/14/07	08/14/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H1601	08/16/07	08/17/07	EPA 350.1
Total Kjeldahl Nitrogen	3.9	1.0	mg/L	1	T7H1506	08/15/07	08/16/07	EPA 351.2
Phosphorus	2.8	0.10	mg/L	1	T7H1506	08/15/07	08/16/07	EPA 365.4
Biochemical Oxygen Demand	1.4	1.0	mg/L	1	T7H1417	08/15/07	08/20/07	SM5210B/EPA 405.1

Notes and Definitions

_Calc	<118
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
James H. Brownfield, Quality Assurance Manager

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



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

August 27, 2007

Work Order #: 7H14025

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 08/14/07 . For your reference, these analyses have been assigned laboratory work order number 7H14025.

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: 8/27/07
---	---	----------------------

Analytical Report for Work Order 7H14025

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent			Sampled:08/14/07 10:30		7H14025-01 (Waste Water)			
Specific Conductance (EC)	730	1.0	µS/cm	1	T7H1411	08/14/07	08/14/07	EPA 120.1
Tertiary Effluent			Sampled:08/14/07 10:30		7H14025-02 (Waste Water)			
Specific Conductance (EC)	780	1.0	µS/cm	1	T7H1411	08/14/07	08/14/07	EPA 120.1

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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

August 23, 2007

Work Order #: 7H15010

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 08/15/07. For your reference, these analyses have been assigned laboratory work order number 7H15010.

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 Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 8/23/07
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Analytical Report for Work Order 7H15010

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent Station R2			Sampled:08/14/07 14:00		7H15010-01 (Surface Water)			
Turbidity	2.7	0.020	NTU	1	T7H1612	08/16/07	08/16/07	EPA 180.1
Nitrate as Nitrogen	15	2.3	mg/L	5	[CALC]	08/16/07	08/16/07	EPA 300.0
Nitrate as NO3	67	10	mg/L	5	T7H1604	08/16/07	08/16/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H1601	08/16/07	08/17/07	EPA 350.1
Total Kjeldahl Nitrogen	2.8	1.0	mg/L	1	T7H1717	08/17/07	08/21/07	EPA 351.2
Phosphorus	2.3	0.10	mg/L	1	T7H1717	08/17/07	08/21/07	EPA 365.4

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



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

August 27, 2007

Work Order #: 7H15011

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 08/15/07 . For your reference, these analyses have been assigned laboratory work order number 7H15011.

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: 8/27/07
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Analytical Report for Work Order 7H15011

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent			Sampled:08/15/07 08:15			7H15011-01 (Waste Water)		
Specific Conductance (EC)	720	1.0	µS/cm	1	T7H1517	08/15/07	08/15/07	EPA 120.1
Tertiary Effluent			Sampled:08/15/07 08:15			7H15011-02 (Waste Water)		
Specific Conductance (EC)	720	1.0	µS/cm	1	T7H1517	08/15/07	08/15/07	EPA 120.1
Tertiary Effluent Station R2			Sampled:08/15/07 10:30			7H15011-03 (Surface Water)		
Specific Conductance (EC)	730	1.0	µS/cm	1	T7H1517	08/15/07	08/15/07	EPA 120.1

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
James H. Brownfield, Quality Assurance Manager

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



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

August 22, 2007

Work Order #: 7H16018

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 08/16/07. For your reference, these analyses have been assigned laboratory work order number 7H16018.

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:
8/22/07

Analytical Report for Work Order 7H16018

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent				Sampled:08/15/07 14:45		7H16018-01 (Waste Water)		
Turbidity	0.93	0.020	NTU	1	T7H1612	08/16/07	08/16/07	EPA 180.1
Tertiary Effluent Station R2				Sampled:08/16/07 09:00		7H16018-02 (Surface Water)		
Turbidity	2.9	0.020	NTU	1	T7H1612	08/16/07	08/16/07	EPA 180.1

Notes and Definitions

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

Moore Twining Associates, Inc.

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

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



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

August 23, 2007

Work Order #: 7H16019

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 08/16/07. For your reference, these analyses have been assigned laboratory work order number 7H16019.

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: 8/23/07
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Analytical Report for Work Order 7H16019

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater			Sampled: 08/15/07 10:00		7H16019-01 (Waste Water)			
Total Suspended Solids	120	40	mg/L	10	T7H2004	08/20/07	08/21/07	EPA 160.2
Total Settleable Solids	8.1	0.10	mL/L/Hr	1	T7H1702	08/17/07	08/17/07	EPA 160.5
Biochemical Oxygen Demand	73	30	mg/L	30	T7H1701	08/17/07	08/22/07	SM5210B/EPA 405.1
Final Effluent			Sampled: 08/16/07 08:00		7H16019-02 (Waste Water)			
Total Suspended Solids	ND	10	mg/L	2.5	T7H2004	08/20/07	08/21/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7H1702	08/17/07	08/17/07	EPA 160.5
Biochemical Oxygen Demand	ND	1.0	mg/L	1	T7H1701	08/17/07	08/22/07	SM5210B/EPA 405.1

Notes and Definitions

_Calc	<33.5
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
James H. Brownfield, Quality Assurance Manager

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



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

August 27, 2007

Work Order #: 7H20019

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 08/20/07 . For your reference, these analyses have been assigned laboratory work order number 7H20019.

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: 8/27/07
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Analytical Report for Work Order 7H20019

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent			Sampled:08/17/07 15:00 7H20019-01 (Waste Water)					
Specific Conductance (EC)	820	1.0	µS/cm	1	T7H2314	08/20/07	08/20/07	EPA 120.1
Tertiary Effluent			Sampled:08/18/07 08:00 7H20019-02 (Waste Water)					
Specific Conductance (EC)	730	1.0	µS/cm	1	T7H2314	08/20/07	08/20/07	EPA 120.1
Tertiary Effluent			Sampled:08/19/07 08:00 7H20019-03 (Waste Water)					
Specific Conductance (EC)	760	1.0	µS/cm	1	T7H2314	08/20/07	08/20/07	EPA 120.1

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
James H. Brownfield, Quality Assurance Manager

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



Laboratory Work Order #: 7H17013

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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Report Date: 08/23/2007
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Analytical Report for Microbiologicals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent								
Date Sampled: 8/17/07 8:50			Sampled By: Tony Morales			Laboratory ID#: 7H17013-01 (Waste Water)		
Total Coliforms	<2	2.0	MPN/100 mL	1	T7H1728	08/17/07	08/19/07	SM9221B/E/F
Date Sampled: 8/17/07 9:15			Sampled By: Tony Morales			Laboratory ID#: 7H17013-02 (Surface Water)		
Fecal Coliforms	80	2.0	MPN/100 mL	1	T7H1728	08/17/07	08/20/07	SM9221B/E/F

Notes and Definitions

_3x5 < 2

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

MPN Most Probable Number mg/L milligrams/Liter (ppm)
 CFU Colony Forming Units ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J Boquist Director of Analytical Chemistry

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.

James H Brownfield Quality Assurance Manager



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

August 27, 2007

Work Order #: 7H20020

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 08/20/07 . For your reference, these analyses have been assigned laboratory work order number 7H20020.

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: 8/27/07
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Analytical Report for Work Order 7H20020

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent						Sampled:08/20/07 09:40 7H20020-01 (Waste Water)		
Specific Conductance (EC)	670	1.0	µS/cm	1	T7H2314	08/20/07	08/20/07	EPA 120.1
Tertiary Effluent						Sampled:08/20/07 09:40 7H20020-02 (Waste Water)		
Specific Conductance (EC)	740	1.0	µS/cm	1	T7H2314	08/20/07	08/20/07	EPA 120.1

Notes and Definitions

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

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. 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

September 04, 2007

Work Order #: 7H21013

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 08/21/07 . For your reference, these analyses have been assigned laboratory work order number 7H21013.

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: 9/4/07
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Analytical Report for Work Order 7H21013

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
Tertiary Effluent						Sampled:08/20/07 13:00 7H21013-01 (Waste Water)			
Nitrate as Nitrogen	13	1.4	mg/L	3	[CALC]	08/22/07	08/22/07	[CALC]	
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	08/22/07	08/21/07	[CALC]	
Total Nitrogen	15	2.7	mg/L	3	[CALC]	08/22/07	08/24/07	[CALC]	
Total Suspended Solids	ND	4.0	mg/L	1	T7H2304	08/23/07	08/28/07	EPA 160.2	
Total Settlicable Solids	ND	0.10	mL/L/Hr	1	T7H2202	08/22/07	08/22/07	EPA 160.5	
Turbidity	0.79	HT	0.020	NTU	1	T7H2414	08/24/07	08/24/07	EPA 180.1
Nitrite as NO ₂	ND	1.0	mg/L	1	T7H2102	08/21/07	08/21/07	EPA 300.0	
Nitrate as NO ₃	57	6.0	mg/L	3	T7H2204	08/22/07	08/22/07	EPA 300.0	
Ammonia as N	ND	1.0	mg/L	1	T7H3105	08/31/07	08/31/07	EPA 350.1	
Total Kjeldahl Nitrogen	2.4	1.0	mg/L	1	T7H2208	08/22/07	08/24/07	EPA 351.2	
Phosphorus	2.7	0.10	mg/L	1	T7H2208	08/22/07	08/27/07	EPA 365.4	
Biochemical Oxygen Demand	3.1	1.0	mg/L	1	T7H2201	08/22/07	08/27/07	SM5210B/EPA 405.1	
Tertiary Effluent Station R2						Sampled:08/20/07 14:10 7H21013-02 (Waste Water)			
Specific Conductance (EC)	760	1.0	µS/cm	1	T7H2315	08/21/07	08/21/07	EPA 120.1	
Turbidity	2.8	HT	0.020	NTU	1	T7H2414	08/24/07	08/24/07	EPA 180.1
Nitrate as Nitrogen	11	0.90	mg/L	2	[CALC]	08/22/07	08/22/07	EPA 300.0	
Nitrate as NO ₃	51	4.0	mg/L	2	T7H2204	08/22/07	08/22/07	EPA 300.0	
Ammonia as N	ND	1.0	mg/L	1	T7H3105	08/31/07	08/31/07	EPA 350.1	
Total Kjeldahl Nitrogen	2.1	1.0	mg/L	1	T7H2208	08/22/07	08/24/07	EPA 351.2	
Phosphorus	2.3	0.10	mg/L	1	T7H2208	08/22/07	08/27/07	EPA 365.4	

Notes and Definitions

HT	This result was analyzed outside of the EPA recommended holding time.
DUP	A high RPD was observed between a sample and this sample's duplicate.
ug/l.	micrograms per liter (parts per billion concentration units)
mg/l.	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

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

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



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

August 31, 2007

Work Order #: 7H23013

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

RE: Malaga Sewer Plant

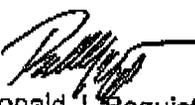
Enclosed are the analytical results for samples received by our laboratory on 08/23/07. For your reference, these analyses have been assigned laboratory work order number 7H23013.

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: 8/31/07
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Analytical Report for Work Order 7H23013

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater			Sampled: 08/23/07 13:45		7H23013-01 (Waste Water)			
Total Suspended Solids	96	40	mg/L	10	T7H2804	08/28/07	08/30/07	EPA 160.2
Total Settleable Solids	6.5	0.10	mL/L/Hr	1	T7H2406	08/24/07	08/24/07	EPA 160.5
Biochemical Oxygen Demand	100	* 30	mg/L	30	T7H2402	08/24/07	08/29/07	SM5210B/EPA 405.1
Final Effluent			Sampled: 08/22/07 16:00		7H23013-02 (Waste Water)			
Total Suspended Solids	ND	10	mg/L	2.5	T7H2804	08/28/07	08/30/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7H2406	08/24/07	08/24/07	EPA 160.5
Biochemical Oxygen Demand	ND	* 1.0	mg/L	1	T7H2402	08/24/07	08/29/07	SM5210B/EPA 405.1

Notes and Definitions

- * Instrument failure creates a potential low bias in analytical results
- 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
James H. 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.



CHAIN OF CUSTODY/ANALYSIS REQUEST

2527 FRESNO STREET • FRESNO, CA 93721 • PHONE (559) 268-7621 • FAX: (559) 268-0740

WORK ORDER #: 71123013
PAGE **OF**

REPORT TO:		<input checked="" type="checkbox"/> INVOICE TO:	<input type="checkbox"/> REPORT COPY TO:	REPORTING:
ATTENTION: Tony Morales	ATTENTION: Laurie Cortez	<input type="checkbox"/> STANDARD FORMAT <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: (559) 485-7353	PHONE: (559) 485-7353			
FAX: (559) 495-1070	FAX: (559) 485-7319			

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): Frank Cruz	SIGNATURE: <i>Frank Cruz</i>	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	CONTRACT/P.O. NO.: _____ PROJECT: Malaga Sewer Plant PROJECT NUMBER: _____ PROJECT MANAGER: _____
<input type="checkbox"/> PUBLIC SYSTEM <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT	<input type="checkbox"/> TURN AROUND TIME: _____ <input checked="" type="checkbox"/> RUSH, DUE ON: _____		ANALYSIS REQUESTED

L A B U S E	NOTES ON RECEIVED CONDITION:				EC	Turbidity	BOD[5]	3x5 Total Coli.	3x5 Fecal Coli.	TSS	Sett. Matter	Tot. Phos. - TKP	Total Nitrogen	Ammonia - N	Nitrate - N	TKN	Metals	VOCs	Pesticides	
	CLIENT SAMPLE ID	DATE	TIME	TYPE																
			<input type="checkbox"/> CUSTODY SEAL(S) BROKEN <input type="checkbox"/> SAMPLE(S) DAMAGED <input type="checkbox"/> ON ICE <input type="checkbox"/> AMBIENT TEMP. <input type="checkbox"/> INCORRECT PRESERVATION																	
	Raw Wastewater	8-22-07 → 8-23-07	11:45 PM 2:00 PM	WW		X	X	X	X											2x14P5
	Final Effluent	8-23-07	4:15 PM	WW		X	X	X	X											↓
	Tertiary Effluent			WW																
	Tertiary Effluent Station R1			SF																
	Tertiary Effluent Station R2			SF																

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Frank Cruz</i>	Malaga County Water Dist	8-23-07	1425	<i>V. Cortez</i>	MWD



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

September 10, 2007

Work Order #: 7H28012

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 08/28/07 . For your reference, these analyses have been assigned laboratory work order number 7H28012.

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

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

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 9/10/07
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Analytical Report for Work Order 7H28012

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Tertiary Effluent			Sampled:08/27/07 13:30		7H28012-01 (Waste Water)			
Nitrate as Nitrogen	9.5	0.45	mg/L	1	[CALC]	08/30/07	08/28/07	[CALC]
Nitrite as Nitrogen	ND	0.30	mg/L	1	[CALC]	08/30/07	08/28/07	[CALC]
Total Nitrogen	12	1.8	mg/L	1	[CALC]	08/30/07	08/31/07	[CALC]
Specific Conductance (EC)	750	1.0	µS/cm	1	T7H2823	08/28/07	08/28/07	EPA 120.1
Total Suspended Solids	ND	4.0	mg/L	1	T7H3003	08/30/07	08/31/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7H2903	08/29/07	08/29/07	EPA 160.5
Turbidity	1.0	0.020	NTU	1	T7H2812	08/28/07	08/28/07	EPA 180.1
Nitrite as NO ₂	ND	1.0	mg/L	1	T7H2801	08/28/07	08/28/07	EPA 300.0
Nitrate as NO ₃	42	2.0	mg/L	1	T7H2801	08/28/07	08/28/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H0403	09/04/07	09/05/07	EPA 350.1
Total Kjeldahl Nitrogen	2.3	1.0	mg/L	1	T7H3002	08/30/07	08/31/07	EPA 351.2
Phosphorus	2.1	0.10	mg/L	1	T7H3002	08/30/07	08/31/07	EPA 365.4
Biochemical Oxygen Demand	18	1.0	mg/L	1	T7H2902	08/29/07	09/03/07	SM5210B/EPA 405.1

Tertiary Effluent Station R2			Sampled:08/27/07 14:10		7H28012-02 (Waste Water)			
Specific Conductance (EC)	750	1.0	µS/cm	1	T7H2823	08/28/07	08/28/07	EPA 120.1
Turbidity	2.7	0.020	NTU	1	T7H2812	08/28/07	08/28/07	EPA 180.1
Nitrate as Nitrogen	9.1	0.45	mg/L	1	[CALC]	08/28/07	08/28/07	EPA 300.0
Nitrate as NO ₃	40	2.0	mg/L	1	T7H2801	08/28/07	08/28/07	EPA 300.0
Ammonia as N	ND	1.0	mg/L	1	T7H0403	09/04/07	09/05/07	EPA 350.1
Total Kjeldahl Nitrogen	2.9	1.0	mg/L	1	T7H3002	08/30/07	08/31/07	EPA 351.2
Phosphorus	2.0	0.10	mg/L	1	T7H3002	08/30/07	08/31/07	EPA 365.4

Notes and Definitions

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

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. 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

August 31, 2007

Work Order #: 7H29003

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 08/29/07 . For your reference, these analyses have been assigned laboratory work order number 7H29003.

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

SEP 13 2007



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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 8/31/07
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Analytical Report for Work Order 7H29003

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Effluent				Sampled:08/28/07 14:30		7H29003-01 (Waste Water)		
Specific Conductance (EC)	790	1.0	µS/cm	1	T7H2914	08/29/07	08/29/07	EPA 120.1

Notes and Definitions

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

SEP 13 2007

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

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Laboratory Work Order #: 7H24007

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

Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Report Date: 08/30/2007
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Analytical Report for Microbiologicals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
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Tertiary Effluent		Laboratory ID#: 7H24007-01 (Waste Water)						
<i>Date Sampled: 8/24/07 9:30</i>		<i>Sampled By: Frank Cruz</i>		<i>Date Received: 8/24/07 11:30</i>				
Total Coliforms	<2	2.0	MPN/100 mL	1	T7H2423	08/24/07	08/26/07	SM9221B/E/F
Tertiary Effluent Station R2		Laboratory ID#: 7H24007-02 (Waste Water)						
<i>Date Sampled: 8/24/07 9:40</i>		<i>Sampled By: Frank Cruz</i>		<i>Date Received: 8/24/07 11:30</i>				
Fecal Coliforms	<2	2.0	MPN/100 mL	1	T7H2423	08/24/07	08/27/07	SM9221B/E/F

SEP - 7 2007

Notes and Definitions

_3x5 <2

ND Analyte NOT DETECTED at or above the reporting limit

MPN Most Probable Number

mg/L milligrams/Liter (ppm)

NR Not Reported

CFU Colony Forming Units

ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J Boquist Director of Analytical Chemistry

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James H Brownfield Quality Assurance Manager



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

September 10, 2007

Work Order #: 7H31019

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 08/31/07. For your reference, these analyses have been assigned laboratory work order number 7H31019.

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

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

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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

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

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

Reported:
9/10/07

Analytical Report for Work Order 7H31019

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater			Sampled:08/30/07 10:00		7H31019-01 (Waste Water)			
Total Suspended Solids	220	40	mg/L	10	T7I0401	09/04/07	09/04/07	EPA 160.2
Total Settleable Solids	4.5	0.10	mL/L/Hr	1	T7I0412	08/31/07	08/31/07	EPA 160.5
Biochemical Oxygen Demand	98	60	mg/L	60	T7H3102	08/31/07	09/05/07	SM5210B/EPA 405.1
Final Effluent			Sampled:08/30/07 16:00		7H31019-02 (Waste Water)			
Specific Conductance (EC)	770	1.0	µS/cm	1	T7H3112	08/31/07	08/31/07	EPA 120.1
Total Suspended Solids	ND	4.0	mg/L	1	T7I0401	09/04/07	09/04/07	EPA 160.2
Total Settleable Solids	ND	0.10	mL/L/Hr	1	T7I0412	08/31/07	08/31/07	EPA 160.5
Biochemical Oxygen Demand	ND	1.0	mg/L	1	T7H3102	08/31/07	09/05/07	SM5210B/EPA 405.1
Tertiary Effluent			Sampled:08/31/07 09:20		7H31019-03 (Waste Water)			
Total Coliforms	< 2	2.0	MPN/100 mL	1	T7I0104	08/31/07	09/02/07	SM9221B/E/F
Tertiary Effluent Station R2			Sampled:08/31/07 09:40		7H31019-04 (Surface Water)			
Fecal Coliforms	140	2.0	MPN/100 mL	1	T7I0104	08/31/07	09/03/07	SM9221B/E/F

Notes and Definitions

BS	The recovery observed in this Blank Spike QC sample is outside established control limits.
_3x5	< 2
µg/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per liter (parts per million concentration units)
mg/kg	milligrams per kilogram (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

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