



Tony Morales
Malaga Wastewater Treatment Facility
3580 S. Frank Street
Fresno, CA 93725-2511

April 22, 2011

Dear Mr. Morales:

I have enclosed a copy of the report "NPDES Compliance Chronic Toxicity Testing of the Malaga WTF Final Effluent" for testing performed of the effluent samples collected on March 21, 23, and 25, 2011. The results of these tests can be summarized as follows:

Chronic Effects of Malaga Effluent on *Selenastrum capricornutum*

There was a significant reduction in algal growth in the Malaga effluent; the NOEC was 75% effluent, resulting in 1.3 TUc.

Chronic Effects of Malaga Effluent on *Ceriodaphnia dubia*

There were no significant reductions in *Ceriodaphnia* survival or reproduction in the Malaga effluent; the NOEC was 100% effluent, resulting in 1.0 TUc for both test endpoints.

Chronic Effects of Malaga Effluent on Larval Fathead Minnows

There were no significant reductions in fathead minnow survival or growth in the Malaga effluent; the NOEC was 100% effluent, resulting in 1.0 TUc for both test endpoints.

If you have any questions regarding the performance or interpretation of these tests, please feel free to contact my colleague Stephen Clark or myself at (707) 207-7760.

Sincerely,

Drew
Gantner

Drew Gantner
Sr. Aquatic Ecotoxicologist

Digitally signed by Drew Gantner
DN: cn=Drew Gantner, o=Pacific
EcoRisk, ou,
email=dgantner@pacificecorisk.c
om, c=US
Date: 2011.04.25 17:30:43 -0700

This testing was performed under Lab Order 18130. The test results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report, and only relate to the sample(s) tested. This report shall not be reproduced, except in full, without the written consent of Pacific EcoRisk.



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

California ELAP Certificate #1371

April 11, 2011

Work Order #: 1D04016

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/04/11 . For your reference, these analyses have been assigned laboratory work order number 1D04016.

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 cursive script, appearing to read 'Juliane Adams', is written over the printed name.

Juliane Adams
Director of Analytical Chemistry



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: 04/11/2011
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Analytical Report for Work Order 1D04016

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff.					Sampled: 04/01/11 12:00 1D04016-01 (Waste Water)						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1D0503	04/04/11	04/04/11	EPA 120.1	
Final Eff.					Sampled: 04/02/11 08:00 1D04016-02 (Waste Water)						
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1D0503	04/04/11	04/04/11	EPA 120.1	
Final Eff.					Sampled: 04/03/11 08:00 1D04016-03 (Waste Water)						
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T1D0503	04/04/11	04/04/11	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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC	RPD	RPD Limit
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Batch T1D0503

LCS (T1D0503-BS1)		Prepared & Analyzed: 04/04/11								
Specific Conductance (EC)		501	1.0	µS/cm	500		100	80-120		20
LCS Dup (T1D0503-BSD1)		Prepared & Analyzed: 04/04/11								
Specific Conductance (EC)		502	1.0	µS/cm	500		100	80-120	0.199	20
Duplicate (T1D0503-DUP1)		Source: 1D04001-01		Prepared & Analyzed: 04/04/11						
Specific Conductance (EC)		531	1.0	µS/cm		532			0.188	20
Duplicate (T1D0503-DUP2)		Source: 1D04026-03		Prepared & Analyzed: 04/04/11						
Specific Conductance (EC)		491	1.0	µS/cm		493			0.407	20

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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
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California ELAP Certificate #1371

April 13, 2011

Work Order #: 1D05010

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

RE: Malaga Sewer Plant

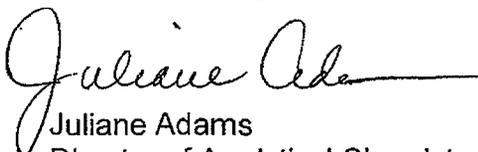
Enclosed are the analytical results for samples received by our laboratory on 04/05/11 . For your reference, these analyses have been assigned laboratory work order number 1D05010.

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.


Juliane Adams
Director of Analytical Chemistry



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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: 04/13/2011
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Analytical Report for Work Order 1D05010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 04/04/11 08:00 1D05010-01 (Waste Water)				
Total Suspended Solids		120	20	5.7	mg/L	5	T1D0603	04/06/11	04/07/11	SM 2540D
Biochemical Oxygen Demand		160	30	30	mg/L	30	T1D0616	04/06/11	04/11/11	SM5210B
Final Eff.						Sampled: 04/04/11 16:40 1D05010-02 (Waste Water)				
Specific Conductance (EC)		720	1.0	1.0	µS/cm	1	T1D0512	04/05/11	04/05/11	EPA 120.1
Total Suspended Solids		6.0	4.0	1.1	mg/L	1	T1D0603	04/06/11	04/07/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1D0602	04/06/11	04/06/11	SM 2540F
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T1D0616	04/06/11	04/11/11	SM5210B
Final Eff.						Sampled: 04/05/11 10:30 1D05010-03 (Waste Water)				
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T1D0512	04/05/11	04/05/11	EPA 120.1

Notes and Definitions

- DUPI 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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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2527 Fresno Street
Fresno, CA 93721
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California ELAP Certificate #1371

April 11, 2011

Work Order #: 1D07008

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

RE: Malaga Sewer Plant

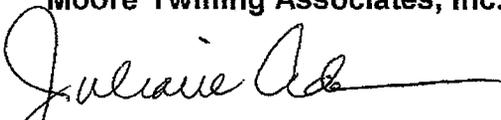
Enclosed are the analytical results for samples received by our laboratory on 04/07/11 . For your reference, these analyses have been assigned laboratory work order number 1D07008.

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.


Juliane Adams
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	04/11/2011

Analytical Report for Work Order 1D07008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.					Sampled: 04/06/11 14:54 1D07008-01 (Waste Water)					
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T1D0802	04/07/11	04/07/11	EPA 120.1
Final Eff.					Sampled: 04/07/11 10:00 1D07008-02 (Waste Water)					
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T1D0802	04/07/11	04/07/11	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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T1D0802

LCS (T1D0802-BS1)					Prepared & Analyzed: 04/07/11					
Specific Conductance (EC)		492	1.0	µS/cm	500		98.4	80-120		20
LCS Dup (T1D0802-BSD1)					Prepared & Analyzed: 04/07/11					
Specific Conductance (EC)		495	1.0	µS/cm	500		99.0	80-120	0.608	20
Duplicate (T1D0802-DUP1)					Source: 1D07004-01 Prepared & Analyzed: 04/07/11					
Specific Conductance (EC)		508	1.0	µS/cm		507			0.197	20

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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2527 Fresno Street
Fresno, CA 93721
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California ELAP Certificate #1371

April 19, 2011

Work Order #: 1D11031

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

RE: Malaga Sewer Plant

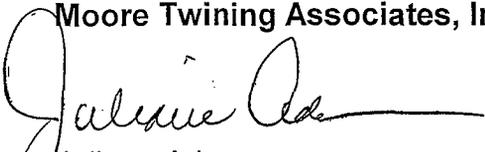
Enclosed are the analytical results for samples received by our laboratory on 04/11/11 . For your reference, these analyses have been assigned laboratory work order number 1D11031.

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.


Juliane Adams
Director of Analytical Chemistry

APR 20 2011



2527 Fresno Street
 Fresno, CA 93721
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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: 04/19/2011
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Analytical Report for Work Order 1D11031

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff. Sampled: 04/08/11 08:30 1D11031-01 (Waste Water)										
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T1D1205	04/11/11	04/11/11	EPA 120.1
Final Eff. Sampled: 04/09/11 08:30 1D11031-02 (Waste Water)										
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T1D1205	04/11/11	04/11/11	EPA 120.1
Final Eff. Sampled: 04/10/11 10:20 1D11031-03 (Waste Water)										
Specific Conductance (EC)		780	1.0	1.0	µS/cm	1	T1D1205	04/11/11	04/11/11	EPA 120.1
Final Eff. Sampled: 04/11/11 10:53 1D11031-04 (Waste Water)										
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1D1205	04/11/11	04/11/11	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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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
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California ELAP Certificate #1371

April 21, 2011

Work Order #: 1D14011

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

RE: Malaga Sewer Plant

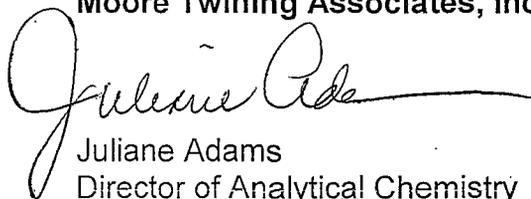
Enclosed are the analytical results for samples received by our laboratory on 04/14/11 . For your reference, these analyses have been assigned laboratory work order number 1D14011.

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.


Juliane Adams
Director of Analytical Chemistry

APR 23 2011



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: 04/21/2011
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Analytical Report for Work Order 1D14011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Final Eff.					Sampled: 04/12/11 08:25 1D14011-01 (Waste Water)						
Specific Conductance (EC)	HT2	740	1.0	1.0	µS/cm	1	T1D1512	04/14/11	04/14/11	EPA 120.1	
Raw Wastewater					Sampled: 04/13/11 08:20 1D14011-02 (Waste Water)						
Total Suspended Solids		170	10	2.8	mg/L	2.5	T1D1503	04/15/11	04/18/11	SM 2540D	
Biochemical Oxygen Demand		48	10	10	mg/L	10	T1D1422	04/14/11	04/19/11	SM5210B	
Final Eff.					Sampled: 04/13/11 15:56 1D14011-03 (Waste Water)						
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T1D1512	04/14/11	04/14/11	EPA 120.1	
Total Suspended Solids		6.0	4.0	1.1	mg/L	1	T1D1503	04/15/11	04/18/11	SM 2540D	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1D1504	04/15/11	04/15/11	SM 2540F	
Biochemical Oxygen Demand		3.7	1.0	1.0	mg/L	1	T1D1422	04/14/11	04/19/11	SM5210B	
Final Eff.					Sampled: 04/14/11 08:00 1D14011-04 (Waste Water)						
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T1D1512	04/14/11	04/14/11	EPA 120.1	

Notes and Definitions

- HT2 This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
- DUP1 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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
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California ELAP Certificate #1371

April 21, 2011

Work Order #: 1D18010

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

RE: Malaga Sewer Plant

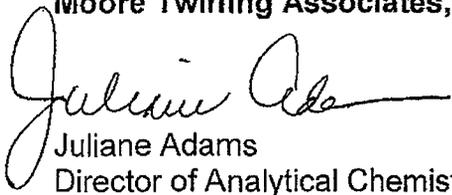
Enclosed are the analytical results for samples received by our laboratory on 04/18/11 . For your reference, these analyses have been assigned laboratory work order number 1D18010.

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.


Juliane Adams
Director of Analytical Chemistry



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

California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	04/21/2011

Analytical Report for Work Order 1D18010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.										Sampled: 04/15/11 17:00 1D18010-01 (Waste Water)
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1D1910	04/18/11	04/18/11	SM2510B
Final Eff.										Sampled: 04/16/11 08:10 1D18010-02 (Waste Water)
Specific Conductance (EC)		770	1.0	1.0	µS/cm	1	T1D1910	04/18/11	04/18/11	SM2510B
Final Eff.										Sampled: 04/17/11 08:10 1D18010-03 (Waste Water)
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1D1910	04/18/11	04/18/11	SM2510B
Final Eff.										Sampled: 04/18/11 08:00 1D18010-04 (Waste Water)
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T1D1910	04/18/11	04/18/11	SM2510B

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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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

California ELAP Certificate #1371

May 03, 2011

Work Order #: 1D20011

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/20/11. For your reference, these analyses have been assigned laboratory work order number 1D20011.

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 "Juliane Adams", is written over a horizontal line. The signature is fluid and cursive in style.

Juliane Adams
Director of Analytical Chemistry



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: 05/03/2011
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Analytical Report for Work Order 1D20011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Raw Wastewater					Sampled: 04/19/11 08:00 1D20011-01 (Waste Water)						
Total Suspended Solids		140	20	5.7	mg/L	5	T1D2209	04/22/11	04/26/11	SM 2540D	
Biochemical Oxygen Demand		55	10	10	mg/L	10	T1D2021	04/20/11	04/25/11	SM5210B	
Final Eff.					Sampled: 04/19/11 16:00 1D20011-02 (Waste Water)						
Nitrate as Nitrogen		15	0.90		mg/L	2	[CALC]	04/20/11	04/20/11	EPA 300.0	
Nitrate as NO3		67	4.0	0.60	mg/L	2	T1D2008	04/20/11	04/20/11	EPA 300.0	
Total Suspended Solids		8.0	4.0	1.1	mg/L	1	T1D2209	04/22/11	04/26/11	SM 2540D	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1D2002	04/20/11	04/20/11	SM 2540F	
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T1D2012	04/20/11	04/20/11	SM2510B	
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T1D2021	04/20/11	04/25/11	SM5210B	

Notes and Definitions

- ug/l micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
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- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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

California ELAP Certificate #1371

May 13, 2011

Work Order #: 1D21008

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/21/11 . For your reference, these analyses have been assigned laboratory work order number 1D21008.

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.

Juliane Adams
Director of Analytical Chemistry



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 (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: 05/13/2011
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Analytical Report for Work Order 1D21008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.								Sampled: 04/20/11 15:00 1D21008-01 (Waste Water)		
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T1D2213	04/21/11	04/21/11	SM2510B
Final Eff.								Sampled: 04/21/11 10:30 1D21008-02 (Waste Water)		
Specific Conductance (EC)		740	1.0	1.0	µS/cm	1	T1D2213	04/21/11	04/21/11	SM2510B

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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC Limits	RPD	RPD Limit
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Batch T1D2213

LCS (T1D2213-BS1)		Prepared & Analyzed: 04/21/11								
Specific Conductance (EC)		477	1.0	µS/cm	500		95.4	80-120		20
LCS Dup (T1D2213-BSD1)		Prepared & Analyzed: 04/21/11								
Specific Conductance (EC)		492	1.0	µS/cm	500		98.4	80-120	3.10	20
Duplicate (T1D2213-DUP1)		Source: 1D21001-01		Prepared & Analyzed: 04/21/11						
Specific Conductance (EC)		345	1.0	µS/cm		379			9.39	20

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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



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May 03, 2011

Work Order #: 1D25014

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/25/11 . For your reference, these analyses have been assigned laboratory work order number 1D25014.

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 cursive script, appearing to read 'Juliane Adams', is written over a horizontal line.

Juliane Adams
Director of Analytical Chemistry



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 05/03/2011
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Analytical Report for Work Order 1D25014

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.										Sampled: 04/22/11 08:40 1D25014-01 (Waste Water)
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1D2516	04/25/11	04/25/11	SM2510B
Final Eff.										Sampled: 04/23/11 08:10 1D25014-02 (Waste Water)
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1D2516	04/25/11	04/25/11	SM2510B
Final Eff.										Sampled: 04/24/11 08:15 1D25014-03 (Waste Water)
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T1D2516	04/25/11	04/25/11	SM2510B
Final Eff.										Sampled: 04/25/11 09:00 1D25014-04 (Waste Water)
Specific Conductance (EC)		700	1.0	1.0	µS/cm	1	T1D2516	04/25/11	04/25/11	SM2510B

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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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May 04, 2011

Work Order #: 1D28013

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/28/11 . For your reference, these analyses have been assigned laboratory work order number 1D28013.

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 cursive script, appearing to read "Juliane Adams", is written over a horizontal line. The signature is fluid and extends to the right of the line.

Juliane Adams
Director of Analytical Chemistry



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Malaga County Water District 3580 S. Frank Fresno CA, 93725	Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales	Reported: 05/04/2011
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Analytical Report for Work Order 1D28013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.					Sampled: 04/26/11 09:00 1D28013-01 (Waste Water)					
Specific Conductance (EC)		710	1.0	1.0	µS/cm	1	T1D2914	04/29/11	04/29/11	SM2510B

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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
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Batch T1D2914

LCS (T1D2914-BS1)		Prepared & Analyzed: 04/29/11							
Specific Conductance (EC)		510	1.0	µS/cm	500		102 80-120		20
LCS Dup (T1D2914-BSD1)		Prepared & Analyzed: 04/29/11							
Specific Conductance (EC)		510	1.0	µS/cm	500		102 80-120	0.00	20
Duplicate (T1D2914-DUP1)		Source: 1D28010-01		Prepared & Analyzed: 04/29/11					
Specific Conductance (EC)		451	1.0	µS/cm		445		1.34	20

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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California ELAP Certificate #1371

May 05, 2011

Work Order #: 1D28014

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

RE: Malaga Sewer Plant

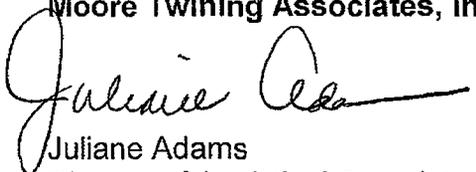
Enclosed are the analytical results for samples received by our laboratory on 04/28/11 . For your reference, these analyses have been assigned laboratory work order number 1D28014.

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.


Juliane Adams
Director of Analytical Chemistry



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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: 05/05/2011
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Analytical Report for Work Order 1D28014

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Raw Wastewater						Sampled: 04/27/11 08:00 1D28014-01 (Waste Water)				
Total Suspended Solids		180	40	11	mg/L	10	T1E0205	05/02/11	05/03/11	SM 2540D
Biochemical Oxygen Demand		60	10	10	mg/L	10	T1D2812	04/28/11	05/03/11	SM5210B
Final Eff.						Sampled: 04/27/11 16:00 1D28014-02 (Waste Water)				
Total Suspended Solids		5.0	4.0	1.1	mg/L	1	T1E0205	05/02/11	05/03/11	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T1D2902	04/29/11	04/29/11	SM 2540F
Specific Conductance (EC)		730	1.0	1.0	µS/cm	1	T1D2914	04/29/11	04/29/11	SM2510B
Biochemical Oxygen Demand		2.0	1.0	1.0	mg/L	1	T1D2812	04/28/11	05/03/11	SM5210B
Final Eff.						Sampled: 04/28/11 11:15 1D28014-03 (Waste Water)				
Specific Conductance (EC)		750	1.0	1.0	µS/cm	1	T1D2914	04/29/11	04/29/11	SM2510B

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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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May 04, 2011

Work Order #: 1E02022

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

RE: Malaga Sewer Plant

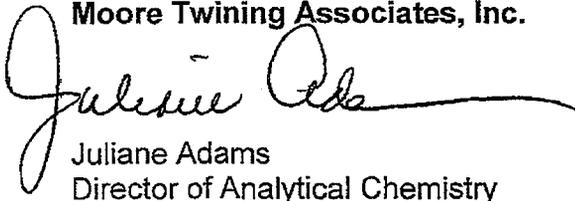
Enclosed are the analytical results for samples received by our laboratory on 05/02/11 . For your reference, these analyses have been assigned laboratory work order number 1E02022.

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.


Juliane Adams
Director of Analytical Chemistry



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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: 05/04/2011
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Analytical Report for Work Order 1E02022

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Final Eff.					Sampled: 04/29/11 08:00 1E02022-01 (Waste Water)					
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1E0224	05/02/11	05/02/11	SM2510B
Final Eff.					Sampled: 04/30/11 08:30 1E02022-02 (Waste Water)					
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T1E0224	05/02/11	05/02/11	SM2510B

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
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field. If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
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Batch T1E0224

LCS (T1E0224-BS1)					Prepared & Analyzed: 05/02/11				
Specific Conductance (EC)		509	1.0	µS/cm	500		102 80-120		20
LCS Dup (T1E0224-BSD1)					Prepared & Analyzed: 05/02/11				
Specific Conductance (EC)		510	1.0	µS/cm	500		102 80-120	0.196	20
Duplicate (T1E0224-DUP1)					Source: 1E02001-01 Prepared & Analyzed: 05/02/11				
Specific Conductance (EC)		466	1.0	µS/cm		465		0.215	20

Moore Twining Associates, Inc.
 Juliane Adams, Director of Analytical Chemistry

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California ELAP Certificate #1371

April 11, 2011

Work Order #: 1D05002

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

RE: Malaga Water Department

Enclosed are the analytical results for samples received by our laboratory on 04/05/11. For your reference, these analyses have been assigned laboratory work order number 1D05002.

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 "Juliane Adams", is written over the printed name and title.

Juliane Adams
Director of Analytical Chemistry

APR 15 2011



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California ELAP Certificate #1371

Malaga County Water District	Project: Malaga Water Department	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Richard Ochoa	04/11/2011

Analytical Report for Work Order 1D05002

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
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Well#6 Sampled: 04/05/11 10:23 **1D05002-01 (Drinking Water - Public/Routine)**

Specific Conductance (EC)		320	1.0	1.0	µS/cm	1	T1D0512	04/05/11	04/05/11	EPA 120.1
Nitrate as NO3		13	2.0	0.30	mg/L	1	T1D0506	04/05/11	04/05/11	EPA 300.0
Total Coliforms		< 1.0	1.0		MPN/100mL	1	T1D0521	04/05/11	04/06/11	SM9223B
E. Coli		< 1.0	1.0		MPN/100mL	1	T1D0521	04/05/11	04/06/11	SM9223B

Well#7 Sampled: 04/05/11 09:59 **1D05002-02 (Drinking Water - Public/Routine)**

Specific Conductance (EC)		260	1.0	1.0	µS/cm	1	T1D0512	04/05/11	04/05/11	EPA 120.1
Nitrate as NO3		11	2.0	0.30	mg/L	1	T1D0506	04/05/11	04/05/11	EPA 300.0
Total Coliforms		< 1.0	1.0		MPN/100mL	1	T1D0521	04/05/11	04/06/11	SM9223B
E. Coli		< 1.0	1.0		MPN/100mL	1	T1D0521	04/05/11	04/06/11	SM9223B

Group Warehouse Sampled: 04/05/11 09:32 **1D05002-03 (Drinking Water - Public/Routine)**

Total Coliforms		Absent			N/A	1	T1D0521	04/05/11	04/06/11	SM9223B
E. Coli		Absent			N/A	1	T1D0521	04/05/11	04/06/11	SM9223B

Notes and Definitions

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

_MPN < 1.0

_A Absent

µg/L micrograms per liter (parts per billion concentration units)

mg/L milligrams per liter (parts per million concentration units)

mg/kg milligrams per kilogram (parts per million concentration units)

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.