



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: Chris Lopez

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

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

Batch T2E0301

Blank (T2E0301-BLK1)										
Mercury		ND	0.20	µg/L						
						Prepared & Analyzed: 05/03/12				
LCS (T2E0301-BS1)										
Mercury		4.85	0.20	µg/L	5.00		97.0	80-115		20
						Prepared & Analyzed: 05/03/12				
LCS Dup (T2E0301-BS1)										
Mercury		5.12	0.20	µg/L	5.00		102	80-115	5.47	20
						Prepared & Analyzed: 05/03/12				
Duplicate (T2E0301-DUP1)										
Mercury		5.09	0.20	µg/L		5.24			3.08	20
						Prepared & Analyzed: 05/03/12				
Matrix Spike (T2E0301-MS1)										
Mercury		5.81	0.20	µg/L	5.00	ND	116	70-125		20
						Prepared & Analyzed: 05/03/12				
Matrix Spike (T2E0301-MS2)										
Mercury		6.04	0.20	µg/L	5.00	ND	121	70-125		20
						Prepared & Analyzed: 05/03/12				
Matrix Spike Dup (T2E0301-MSD1)										
Mercury		5.47	0.20	µg/L	5.00	ND	109	70-125	6.15	20
						Prepared & Analyzed: 05/03/12				
Matrix Spike Dup (T2E0301-MSD2)										
Mercury		5.66	0.20	µg/L	5.00	ND	113	70-125	6.39	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #:
PAGE 1 OF 3 2026050

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPEZ	CONTACT: L. CORTER	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER:
COMPANY: MCWD	COMPANY: L. CORTER	
ADDRESS: 3550 S FRANK	ADDRESS: SAME	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7819	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPEZ SIGNATURE: <i>[Signature]</i> <input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL TURN AROUND TIME: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH, DUE ON:		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 G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/PO. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	--	--	--

NOTES ON RECEIVED CONDITION:

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

AMMONIA
CHLORINE
SURFACTANTS
OP
METALS
TA
TDS
PH

LAB USE	CLIENT SAMPLE ID	DATE	TIME	TYPE	LAB USE
		1 INLAND STAV	4/26		

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		6/26/17	1615	<i>[Signature]</i>	MCWD

2026050

Sample Integrity Pg 2 of 3

Date Received: 09/26/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Y N

Section 2-Sampled Previously
 Sample Transport: CAO UPS Walk-In MTA Courier GSO Fed Ex Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact: Y or N

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: 125mL Preservation: 1703 Init: JL

Was Client Service Supervisor notified of discrepancies: Yes NO N/A Notified by: _____

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

2026050

Sample Integrity

Pg 3 of 3

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received	1		
Bacti 100mL Thiosulfate			
None Plastic	2C		
HNO3 Plastic	1A		
H2SO4 Plastic	1B		
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None	1		
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1 L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			

Page 12 of 12

FL-SC-0003-01 b



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Date of Report: 05/16/2012

Julio Morales

Moore-Twining Laboratories

2527 Fresno Street
Fresno, CA 93716

Project: Water Samples
BC Work Order: 1207915
Invoice ID: B122187

Enclosed are the results of analyses for samples received by the laboratory on 5/1/2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Natalie Serda
Client Service Rep

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014

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4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

2D 27050



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MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 148315

California ELAP Certification # 1371

MTA Project # 2D27050

**Please reference these numbers on all reports and invoices:
We also request QC data be provided with final report.**

SENDING LABORATORY:

Moore Twining Associates, Inc.
2527 Fresno Street
Fresno, CA 93721
Phone: (559) 268-7021
Fax: (559) 268-0740
Project Manager: Julio Morales

RECEIVING LABORATORY:

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
Phone: (800) 878-4911
Fax: (661) 327-1918

12-07915

Sample Comments

Client Sample ID#: Rio Brave 3580 S Willow

MTA Sample ID: 2D27050-01 Matrix: Water

Sampled: 04/27/12 10:30

Report Due to Client: 05/11/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/04/12 10:30

Containers Supplied:

1L Amber Glass
Unpreserved (A)

CHK BY	DISTRIBUTION
BLT	<input type="checkbox"/>
	SUB-OUT <input type="checkbox"/>

<i>[Signature]</i>	5/1	<i>[Signature]</i>	5-1-12 18:35
Released By	Date	Received By	Date
<i>[Signature]</i>	5-1-12 2145	<i>[Signature]</i>	5-1-12 2145
Released By	Date	Received By	Date

Please fax copy of receipt with your assigned sample ID number to (559) 268-0740 Page 1 of 1



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207915 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	08/24/08	Page (0)						
Submission #: 17-07915												
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____								
Refrigerant: Ice <input type="checkbox"/> Blue Ice <input checked="" type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:												
Custody Seals <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input type="checkbox"/> Comments:												
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.98		Container: 501PR		Thermometer ID: 177						
		Temperature: A 3.4 °C / C 3.5 °C		Date/Time 5-1-12		Analyst Init JNW 2140						
SAMPLE CONTAINERS			SAMPLE NUMBERS									
			1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL												
PT FE UNPRESERVED												
QT INORGANIC CHEMICAL METALS												
PT INORGANIC CHEMICAL METALS												
PT CYANIDE												
PT NITROGEN FORMS												
PT TOTAL SULFIDE												
3oz. NITRATE/NITRITE												
PT TOTAL ORGANIC CARBON												
PT TOX												
PT CHEMICAL OXYGEN DEMAND												
PIA PHENOLICS												
40ml VOA VIAL TRAVEL BLANK												
40ml VOA VIAL												
QT EPA 413.1, 413.2, 413.1												
PT ODOR												
RADIOLOGICAL												
BACTERIOLOGICAL												
40 ml VOA VIAL- 504												
QT EPA 508/608/808D												
QT EPA 515.1/8150												
QT EPA 525												
QT EPA 525 TRAVEL BLANK												
100ml EPA 547												
100ml EPA 531.1												
QT EPA 548												
QT EPA 549												
QT EPA 632												
QT EPA 8015M												
QT AMBER			A									
8 OZ. JAR												
32 OZ. JAR												
SOIL SLEEVE												
PCB VIAL												
PLASTIC BAG												
FERROUS IRON												
ENCORE												

Comments:
 Sample Numbering Completed By: CHM Date/Time: 5/2/12 0745
 A = Actual / C = Corrected



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27050
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207915-01	COC Number:	---	Receive Date:	05/01/2012 21:45
	Project Number:	---	Sampling Date:	04/27/2012 10:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	2D27050-01 Rio Brave 3580 S Willow	Lab Matrix:	Water
	Sampled By:	Client	Sample Type:	Water

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Environmental Testing Laboratory Since 1949



Moore-Twinning Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27050
Project Manager: Jullo Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207915-01 Client Sample Name: 2D27050-01 Rio Brave 3580 S Willow, 4/27/2012 10:30:00AM, Client

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quale	Run #
Azinphos methyl	ND	ug/L	0.20	0.055	EPA-8141	ND		1
Bolstar	ND	ug/L	0.20	0.055	EPA-8141	ND		1
Chlorpyrifos	ND	ug/L	0.20	0.024	EPA-8141	ND		1
Coumaphos	ND	ug/L	0.20	0.054	EPA-8141	ND		1
Demeton O/S	ND	ug/L	0.20	0.026	EPA-8141	ND	V11	1
Diazinon	ND	ug/L	0.20	0.044	EPA-8141	ND		1
Dichlorvos	ND	ug/L	0.20	0.070	EPA-8141	ND		1
Disulfoton	ND	ug/L	0.50	0.039	EPA-8141	ND		1
Ethoprop	ND	ug/L	0.20	0.025	EPA-8141	ND		1
Fensulfothion	ND	ug/L	0.20	0.068	EPA-8141	ND	V11	1
Fenthion	ND	ug/L	0.20	0.033	EPA-8141	ND		1
Merphos	ND	ug/L	0.20	0.058	EPA-8141	ND		1
Methyl parathion	ND	ug/L	0.20	0.074	EPA-8141	ND		1
Mevinphos	ND	ug/L	0.20	0.053	EPA-8141	ND		1
Naled	ND	ug/L	0.20	0.072	EPA-8141	ND		1
Phorate	ND	ug/L	0.20	0.041	EPA-8141	ND		1
Ronnel (Fenchlorphos)	ND	ug/L	0.20	0.067	EPA-8141	ND		1
Stirophos (Tetrachlorvinphos)	ND	ug/L	0.20	0.046	EPA-8141	ND		1
Tokuthion (Prothiofos)	ND	ug/L	0.20	0.032	EPA-8141	ND		1
Trichloronate	ND	ug/L	0.20	0.038	EPA-8141	ND		1
Triphenylphosphate (Surrogate)	106	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/02/12	05/11/12 08:33	CC1	GC-7	1	BVE0789

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27050
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVE0789						
Azinphos methyl	BVE0789-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0789-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0789-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0789-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0789-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0789-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0789-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0789-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0789-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0789-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0789-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0789-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0789-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0789-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0789-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0789-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0789-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0789-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiotos)	BVE0789-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0789-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0789-BLK1	114	%	48 - 142 (LCL - UCL)		

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27050
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BVE0789										
Bolstar	BVE0789-BS1	LCS	0.82400	0.80000	ug/L	103		57 - 124		
Chlorpyrifos	BVE0789-BS1	LCS	0.82150	0.80000	ug/L	103		66 - 123		
Diazinon	BVE0789-BS1	LCS	1.2525	0.80000	ug/L	157		70 - 122		L01
Methyl parathion	BVE0789-BS1	LCS	0.80450	0.80000	ug/L	101		66 - 120		
Mevinphos	BVE0789-BS1	LCS	1.0850	0.80000	ug/L	138		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0789-BS1	LCS	0.70050	0.80000	ug/L	87.6		61 - 120		
Stirophos (Tetrachlorvinphos)	BVE0789-BS1	LCS	1.4195	0.80000	ug/L	177		52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0789-BS1	LCS	2.7260	2.5000	ug/L	109		46 - 142		

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Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27050
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	Percent Recovery	
QC Batch ID: BVE0789		Used client sample: N								
Bolstar	MS	1204254-63	ND	0.83750	0.80000	ug/L		105	61 - 120	
	MSD	1204254-63	ND	0.66300	0.80000	ug/L	23.3	82.9	22 61 - 120	Q02,Q03
Chlorpyrifos	MS	1204254-63	ND	0.85550	0.80000	ug/L		107	65 - 120	
	MSD	1204254-63	ND	0.70100	0.80000	ug/L	19.9	87.6	22 65 - 120	
Diazinon	MS	1204254-63	ND	1.2510	0.80000	ug/L		156	70 - 122	Q03
	MSD	1204254-63	ND	1.0280	0.80000	ug/L	19.6	128	30 70 - 122	Q03
Methyl parathion	MS	1204254-63	ND	0.86800	0.80000	ug/L		108	61 - 120	
	MSD	1204254-63	ND	0.69900	0.80000	ug/L	21.6	87.4	25 61 - 120	
Mevinphos	MS	1204254-63	ND	1.2275	0.80000	ug/L		153	56 - 120	Q03
	MSD	1204254-63	ND	1.0575	0.80000	ug/L	14.9	132	28 56 - 120	Q03
Ronnel (Fenchlorphos)	MS	1204254-63	ND	0.75950	0.80000	ug/L		94.9	55 - 120	
	MSD	1204254-63	ND	0.61600	0.80000	ug/L	20.9	77.0	29 55 - 120	
Stirophos (Tetrachlorvinphos)	MS	1204254-63	ND	1.4725	0.80000	ug/L		184	54 - 127	Q03
	MSD	1204254-63	ND	1.2390	0.80000	ug/L	17.2	155	26 54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1204254-63	ND	2.7015	2.5000	ug/L		108	46 - 142	
	MSD	1204254-63	ND	2.2685	2.5000	ug/L	17.4	90.7	46 - 142	

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[Handwritten signature]

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27050
Project Manager: Julio Morales

Notes And Definitions

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- L01 The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.
- V11 The Continuing Calibration Verification (CCV) recovery is not within established control limits.

Inland Star
4-27-12



2527 Fresno Street
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California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D27047

Chris Lopes
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 04/27/12. For your reference, these analyses have been assigned laboratory work order number 2D27047.

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 "Liz Rutherford", is written over a horizontal line.

Liz Rutherford
Client Services Assistant



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 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: Chris Lopes

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Inland Star	2D27047-01	Waste Water	04/27/12 00:00	04/27/12 15:15

Analytical Report for Work Order 2D27047

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 04/27/12 00:00 2D27047-01 (Waste Water)										
Ammonia as N	J	0.77	1.0	0.48	mg/L	1	T2E1020	05/10/12	05/11/12	EPA 350.1
Total Dissolved Solids		ND	200	160	mg/L	20	T2E0112	05/01/12	05/03/12	SM 2540C
Chlorine Residual (In Lab Analysis)		ND	0.10	0.10	mg/L	1	T2D2716	04/27/12	04/27/12	SM4500-Cl F
pH		7.5	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		0.62	0.050	0.031	mg/L	1	T2D3009	04/28/12	04/28/12	SM5540C
Arsenic		2.0	1.0	0.15	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Cadmium		ND	0.20	0.079	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Chromium		2.6	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Copper		22	2.0	0.094	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Lead	J	0.42	0.50	0.029	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Molybdenum		2.7	1.0	0.025	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Nickel		4.1	1.0	0.039	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Selenium	J	0.56	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Zinc		280	5.0	3.0	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Mercury		ND	0.20	0.062	µg/L	1	T2E0711	05/07/12	05/08/12	EPA 245.1

Notes and Definitions

- RPD3 The RPD is out of range for this spike and its duplicate due to a low or high bias of one of the two spikes.
 - MS3 Recovery for this analyte was biased low; associated blank spike recoveries are within range.
 - MS1 Recovery for this analyte was affected by matrix.
 - J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - 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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Malaga County Water District
 3580 S. Frank
 Fresno CA. 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 05/22/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2703

LCS (T2D2703-BS1)					Prepared & Analyzed: 04/27/12					
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS (T2D2703-BS2)					Prepared & Analyzed: 04/27/12					
pH		6.98	0.10	pH Units	7.00		99.7	80-120		20
LCS (T2D2703-BS3)					Prepared & Analyzed: 04/27/12					
pH		7.00	0.10	pH Units	7.00		100	80-120		20
LCS (T2D2703-BS4)					Prepared & Analyzed: 04/27/12					
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS Dup (T2D2703-BSD1)					Prepared & Analyzed: 04/27/12					
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
LCS Dup (T2D2703-BSD2)					Prepared & Analyzed: 04/27/12					
pH		6.98	0.10	pH Units	7.00		99.7	80-120	0.00	20
LCS Dup (T2D2703-BSD3)					Prepared & Analyzed: 04/27/12					
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.143	20
LCS Dup (T2D2703-BSD4)					Prepared & Analyzed: 04/27/12					
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
Duplicate (T2D2703-DUP1)		Source: 2D26006-01			Prepared & Analyzed: 04/27/12					
pH		7.71	0.10	pH Units		7.70			0.130	20
Duplicate (T2D2703-DUP2)		Source: 2D26017-03			Prepared & Analyzed: 04/27/12					
pH		7.15	0.10	pH Units		7.14			0.140	20



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

Project: Madera Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/22/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2703

Duplicate (T2D2703-DUP3)										
		Source: 2D26032-05		Prepared & Analyzed: 04/27/12						
pH		8.51	0.10	pH Units		8.54			0.352	20
Duplicate (T2D2703-DUP4)										
		Source: 2D26035-02		Prepared & Analyzed: 04/27/12						
pH		8.48	0.10	pH Units		8.50			0.236	20
Duplicate (T2D2703-DUP5)										
		Source: 2D26050-01		Prepared & Analyzed: 04/27/12						
pH		7.36	0.10	pH Units		7.34			0.272	20
Duplicate (T2D2703-DUP6)										
		Source: 2D27017-03		Prepared & Analyzed: 04/27/12						
pH		6.38	0.10	pH Units		7.41			14.9	20
Duplicate (T2D2703-DUP7)										
		Source: 2D27053-01		Prepared & Analyzed: 04/27/12						
pH		8.47	0.10	pH Units		8.46			0.118	20

Batch T2D2716

Blank (T2D2716-BLK1)										
		Source: 2D27046-01		Prepared & Analyzed: 04/27/12						
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2D2716-DUP1)										
		Source: 2D27046-01		Prepared & Analyzed: 04/27/12						
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2D3009

Blank (T2D3009-BLK1)										
		Source: 2D27046-01		Prepared & Analyzed: 04/28/12						
Methylene Blue Active Substances		ND	0.050	mg/L						



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 05/22/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D3009

LCS (T2D3009-BS1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		0.923	0.050	mg/L	1.00		92.3	80-120		20
LCS Dup (T2D3009-BSD1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		0.953	0.050	mg/L	1.00		95.3	80-120	3.20	20
Matrix Spike (T2D3009-MS1)		Source: 2D27046-01		Prepared & Analyzed: 04/28/12						
Methylene Blue Active Substances	MS1	60.0	20	mg/L	20.0	30.0	150	80-120		20
Matrix Spike Dup (T2D3009-MSD1)		Source: 2D27046-01		Prepared & Analyzed: 04/28/12						
Methylene Blue Active Substances	MS1	63.0	20	mg/L	20.0	30.0	165	80-120	4.88	20

Batch T2E0112

Blank (T2E0112-BLK1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		ND	10	mg/L						
LCS (T2E0112-BS1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120		20
LCS Dup (T2E0112-BSD1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120	0.00	20
Duplicate (T2E0112-DUP1)		Source: 2D26032-12		Prepared: 05/01/12 Analyzed: 05/03/12						
Total Dissolved Solids		34.0	10	mg/L		33.0			2.99	20
Duplicate (T2E0112-DUP2)		Source: 2D27018-03		Prepared: 05/01/12 Analyzed: 05/03/12						
Total Dissolved Solids		198	10	mg/L		192			2.82	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported: 05/22/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E1020

Blank (T2E1020-BLK1)		Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		ND	1.0	mg/L						
I.C.S (T2E1020-BS1)		Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		23.3	1.0	mg/L	22.5		103	80-120		20
I.C.S Dup (T2E1020-BSD1)		Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		23.0	1.0	mg/L	22.5		102	80-120	1.12	20
Matrix Spike (T2E1020-MS1)		Source: 2D26032-09 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N	MS3	17.8	1.0	mg/L	22.5	ND	79.0	80-120		20
Matrix Spike (T2E1020-MS2)		Source: 2D27053-01 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N	RPD3	36.5	1.0	mg/L	22.5	10.8	114	80-120		20
Matrix Spike Dup (T2E1020-MSD1)		Source: 2D26032-09 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		19.0	1.0	mg/L	22.5	ND	84.4	80-120	6.61	20
Matrix Spike Dup (T2E1020-MSD2)		Source: 2D27053-01 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N	MS3	26.9	1.0	mg/L	22.5	10.8	71.8	80-120	30.3	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0401

Blank (T2E0401-BLK1)

Prepared & Analyzed: 05/04/12

Nickel		ND	1.0	µg/L						
Copper		ND	2.0	"						
Molybdenum	J	0.0427	1.0	"						
Chromium		ND	1.0	"						
Arsenic	J	0.177	1.0	"						
Selenium		ND	1.0	"						
Cadmium		ND	0.20	"						
Zinc		ND	5.0	"						
Lead		ND	0.50	"						

LCS (T2E0401-BS1)

Prepared & Analyzed: 05/04/12

Lead		48	0.50	µg/L	50.0	96.3	85-115		20
Molybdenum		50.9	1.0	"	50.0	102	85-115		20
Selenium		52.1	1.0	"	50.0	104	85-115		20
Chromium		50.1	1.0	"	50.0	100	85-115		20
Cadmium		52.0	0.20	"	50.0	104	85-115		20
Zinc		57.2	5.0	"	50.0	114	85-115		20
Copper		51.1	2.0	"	50.0	102	85-115		20
Nickel		50.0	1.0	"	50.0	99.9	85-115		20
Arsenic		51.1	1.0	"	50.0	102	85-115		20

LCS Dup (T2E0401-BS1)

Prepared & Analyzed: 05/04/12

Cadmium		51.6	0.20	µg/L	50.0	103	85-115	0.804	20
Selenium		50.9	1.0	"	50.0	102	85-115	2.29	20
Lead		49	0.50	"	50.0	97.1	85-115	0.793	20
Nickel		49.9	1.0	"	50.0	99.8	85-115	0.164	20
Zinc		56.8	5.0	"	50.0	114	85-115	0.694	20
Molybdenum		50.5	1.0	"	50.0	101	85-115	0.785	20
Arsenic		50.3	1.0	"	50.0	101	85-115	1.57	20
Chromium		50.0	1.0	"	50.0	99.9	85-115	0.333	20
Copper		50.7	2.0	"	50.0	101	85-115	0.811	20



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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0401

Matrix Spike (T2E0401-MS1)	Source: 2D27059-02		Prepared: 05/04/12		Analyzed: 05/07/12			
Arsenic	56	1.0	µg/L	50.0	6.6	99.5	70-130	20
Chromium	50	1.0	"	50.0	ND	99.9	70-130	20
Lead	46	0.50	"	50.0	ND	93.0	70-130	20
Molybdenum	56	1.0	"	50.0	3.4	105	70-130	20
Nickel	48	1.0	"	50.0	0.13	96.7	75-125	20
Cadmium	50	0.20	"	50.0	ND	99.6	70-130	20
Zinc	51	5.0	"	50.0	ND	103	75-125	20
Copper	49	2.0	"	50.0	1.8	95.3	70-130	20
Selenium	48	1.0	"	50.0	0.19	95.3	70-130	20

Matrix Spike (T2E0401-MS2)	Source: 2E02013-01		Prepared: 05/04/12		Analyzed: 05/07/12			
Nickel	49	1.0	µg/L	50.0	0.56	97.1	75-125	20
Zinc	54	5.0	"	50.0	4.8	99.1	75-125	20
Selenium	48	1.0	"	50.0	0.52	95.3	70-130	20
Cadmium	50	0.20	"	50.0	ND	99.5	70-130	20
Lead	46	0.50	"	50.0	0.083	92.7	70-130	20
Copper	49	2.0	"	50.0	0.73	96.4	70-130	20
Molybdenum	55	1.0	"	50.0	2.5	105	70-130	20
Chromium	54	1.0	"	50.0	3.9	99.6	70-130	20
Arsenic	55	1.0	"	50.0	6.3	98.1	70-130	20

Matrix Spike Dup (T2E0401-MSD1)	Source: 2D27059-02		Prepared: 05/04/12		Analyzed: 05/07/12				
Arsenic	55	1.0	µg/L	50.0	6.6	97.4	70-130	1.87	20
Selenium	46	1.0	"	50.0	0.19	91.8	70-130	3.77	20
Chromium	49	1.0	"	50.0	ND	98.1	70-130	1.84	20
Lead	46	0.50	"	50.0	ND	93.0	70-130	0.0423	20
Nickel	48	1.0	"	50.0	0.13	95.8	75-125	1.01	20
Molybdenum	56	1.0	"	50.0	3.4	104	70-130	0.314	20
Cadmium	49	0.20	"	50.0	ND	98.2	70-130	1.40	20
Copper	48	2.0	"	50.0	1.8	93.0	70-130	2.32	20
Zinc	51	5.0	"	50.0	ND	101	75-125	1.33	20

Moore Twining Associates, Inc.
 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: Chris Lopes

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0401

Matrix Spike Dup (T2E0401-MSD2)	Source: 2E02013-01		Prepared: 05/04/12		Analyzed: 05/07/12				
Nickel	49	1.0	µg/L	50.0	0.56	97.5	75-125	0.419	20
Zinc	54	5.0	"	50.0	4.8	98.3	75-125	0.775	20
Arsenic	56	1.0	"	50.0	6.3	98.8	70-130	0.692	20
Cadmium	50	0.20	"	50.0	ND	99.1	70-130	0.331	20
Copper	49	2.0	"	50.0	0.73	95.8	70-130	0.641	20
Selenium	48	1.0	"	50.0	0.52	95.2	70-130	0.139	20
Lead	47	0.50	"	50.0	0.083	92.8	70-130	0.136	20
Chromium	54	1.0	"	50.0	3.9	100	70-130	0.672	20
Molybdenum	55	1.0	"	50.0	2.5	104	70-130	0.511	20

Batch T2E0711

Blank (T2E0711-BLK1)					Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	ND	0.20	µg/L							
1.CS (T2E0711-BS1)					Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	4.80	0.20	µg/L	5.00		96.0	80-115		20	
1.CS Dup (T2E0711-BSD1)					Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	4.86	0.20	µg/L	5.00		97.2	80-115	1.26	20	
Matrix Spike (T2E0711-MS1)	Source: 2D20003-01				Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	4.85	0.20	µg/L	5.00	ND	96.9	70-125		20	
Matrix Spike (T2E0711-MS2)	Source: 2D27054-01				Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	5.05	0.20	µg/L	5.00	ND	101	70-125		20	



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Malaga County Water District
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 Fresno CA, 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported: 05/22/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0711

Matrix Spike Dup (T2E0711-MSD1)		Source: 2D20003-01		Prepared: 05/07/12 Analyzed: 05/08/12						
Mercury		5.05	0.20	µg/L	5.00	ND	101	70-125	4.04	20
Matrix Spike Dup (T2E0711-MSD2)		Source: 2D27054-01		Prepared: 05/07/12 Analyzed: 05/08/12						
Mercury		5.44	0.20	µg/L	5.00	ND	109	70-125	7.40	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2027047
PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: CHRIS LOPEZ	CONTACT: L. CORTES	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER:
COMPANY: MCWD	COMPANY: SAME	
ADDRESS: 3580 S FRANK	ADDRESS:	
FRESNO, CA 93725		
PHONE: 504 85 7353	PHONE:	
FAX: 504 85 7319	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPEZ SIGNATURE: <i>[Signature]</i> <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"/> SPECIAL TURN AROUND TIME: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH, DUE ON:		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 G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	--	--	---

ANALYSIS REQUESTED

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED										LAB USE
	CLIENT SAMPLE ID	DATE	TIME	TYPE	AMMONIA	Chloride	SOFTENERS	OTHER	METAL	PH	TS	THS	PH		
	1 INLAND STAR	4/27													

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopez</i>			15:15	<i>LB</i>	<i>MTA</i>

2027047

Sample Integrity

Pg

2 of 3

Date Received: 09/27/12

Section 1-Sampled Same Day			
Sample Transport:	<u>Walk In</u>	MTA Courler	Transported In:
Has Chilling Begun?	<u>Y</u>	N	Ice Chest Box <u>Hand</u>

Section 2-Sampled Previously							
Sample Transport:	CAO	UPS	Walk-In	MTA Courler	GSO	Fed Ex	Other: _____
No. Coolers/Ice Chests:	Temperature(s): _____						
Was Temperature in Range:	<u>Y or N</u>		Received On Ice:	<u>Wet</u>	<u>Blue</u>	_____	
Describe type of packing materials:	Bubble Wrap	Foam	Packing Peanuts	Paper	Other: _____		
Were ice chest custody seals present?	<u>Y or N</u>		Intact:	<u>Y or N</u>			

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<u>/</u>			Analysis Requested	<u>/</u>	
Date Sampled	<u>/</u>			Any hold times less than 72hr	<u>/</u>	
Time Sampled	<u>/</u>			Client Name	<u>/</u>	
Sample ID	<u>/</u>			Address	<u>/</u>	
Special Storage/Handling Ins.		<u>/</u>		Telephone #	<u>/</u>	

Section 4-Bottles/Analysts	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<u>/</u>			
Were bottle custody seals present?			<u>/</u>	
Were bottle custody seals intact?			<u>/</u>	
Did all bottle labels agree with COC?:	<u>/</u>			
Were correct containers used for the tests requested?:	<u>/</u>			
Was a sufficient amount of sample sent for tests indicated?:	<u>/</u>			
Were bubbles present in VOA Vials?: (Volatiles Methods Only)			<u>/</u>	
Were Ascorbic Acid Bottles received with the VOAs			<u>/</u>	

Section 5-Comments/Discrepancies			
Sample(s) Split/Preserve: Yes <u>No</u>	Container: _____	Preservation: _____	Init: _____
Was Client Service Supervisor notified of discrepancies: Yes <u>No</u> N/A Notified by: _____			
Explanations/Comments			
Report Comment Entered: _____			

Labeled by: _____ Checked by: _____

2027047

Sample Integrity

Pg 3 of 3

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received		1	
Bacti 100mL Thiosulfate			
None Plastic	2C		
HNO3 Plastic	1A		
H2SO4 Plastic	1B		
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None	1		
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1 L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			

Date of Report: 05/16/2012

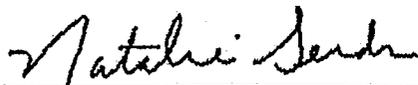
Julio Morales

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Project: Water Samples
BC Work Order: 1207912
Invoice ID: B122184

Enclosed are the results of analyses for samples received by the laboratory on 5/1/2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Natalie Serda
Client Service Rep



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014

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.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.
4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

2027847



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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207912 Page 1 of 2



MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14836

California ELAP Certification # 1371

MTA Project # 2D27047

Please reference these numbers on all reports and invoices:

We also request QC data be provided with final report.

SENDING LABORATORY:

Moire Twining Associates, Inc.
2527 Fresno Street
Fresno, CA 93721
Phone: (559) 268-7021
Fax: (559) 268-0740
Project Manager: Julio Morales

RECEIVING LABORATORY:

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
Phone: (800) 878-4911
Fax: (661) 327-1918

12-07912

Sample Comments

Client Sample ID#: Inland Star 3146 S. Chestnut

MTA Sample ID: 2D27047-01 Matrix: Water

Sampled: 04/27/12 12:30

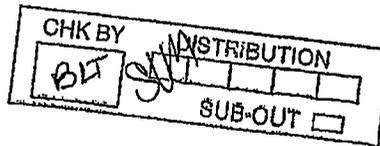
Report Due to Client: 05/11/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/04/12 12:30

Containers Supplied:

1E Amber Glass
Unpreserved (A)



<i>[Signature]</i>	5/1	<i>[Signature]</i>	5-1-12 15:35
Released By	Date	Received By	Date
<i>[Signature]</i>	5-1-12 21:45	<i>[Signature]</i>	5-1-12 21:45
Released By	Date	Received By	Date

Please fax copy of receipt with your assigned sample ID number to (559) 268-0740 Page 1 of 1



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207912 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page	1	of	1			
Submission #: 12-07912												
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____					SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____							
Refrigerant: Ice <input type="checkbox"/> Blue Ice <input checked="" type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:												
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments:												
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>												
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.98			Container: 201PR		Thermometer ID: 177		Date/Time: 5-1-12			
		Temperature: A 3.4 °C / C 3.5 °C							Analyst Init: JNW 2140			
SAMPLE CONTAINERS			SAMPLE NUMBERS									
			1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL												
PT PE UNPRESERVED												
QT INORGANIC CHEMICAL METALS												
PT INORGANIC CHEMICAL METALS												
PT CYANIDE												
PT NITROGEN FORMS												
PT TOTAL SULFIDE												
2oz. NITRATE / NITRITE												
PT TOTAL ORGANIC CARBON												
PT TOX												
PT CHEMICAL OXYGEN DEMAND												
PIA PHENOLICS												
40ml VOA VIAL TRAVEL BLANK												
40ml VOA VIAL												
QT EPA 413.1, 413.2, 418.1												
PT ODOR												
RADIOLOGICAL												
BACTERIOLOGICAL												
40 ml VOA VIAL- 504												
QT EPA 502/602/8080												
QT EPA 515.1/8150												
QT EPA 515												
QT EPA 515 TRAVEL BLANK												
100ml EPA 547												
100ml EPA 531.1												
QT EPA 548												
QT EPA 549												
QT EPA 632												
QT EPA 8015M												
QT AMBER			A									
8 OZ. JAR												
32 OZ. JAR												
SOIL SLEEVE												
PCB VIAL												
PLASTIC BAG												
FERROUS IRON												
ENCORE												

Comments:
 Sample Numbering Completed By: WMA Date/Time: 5/2/12 0745
 A = Actual / C = Corrected



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27047
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207912-01	COC Number:	---	Receive Date:	05/01/2012 21:45
	Project Number:	---	Sampling Date:	04/27/2012 12:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	2D27047-01 Inland Star 3146 S. Chestnut	Lab Matrix:	Water
	Sampled By:	Client	Sample Type:	Water



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27047
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207912-01 Client Sample Name: 2D27047-01 Inland Star 3146 S. Chestnut, 4/27/2012 12:30:00PM, Client

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Azinphos methyl	ND	ug/L	0.26	0.071	EPA-8141	ND		1
Bolstar	ND	ug/L	0.26	0.071	EPA-8141	ND		1
Chlorpyrifos	ND	ug/L	0.26	0.031	EPA-8141	ND		1
Coumaphos	ND	ug/L	0.26	0.070	EPA-8141	ND		1
Demeton O/S	ND	ug/L	0.26	0.034	EPA-8141	ND	Y11	1
Diazinon	ND	ug/L	0.26	0.057	EPA-8141	ND		1
Dichlorvos	ND	ug/L	0.26	0.091	EPA-8141	ND		1
Disulfoton	ND	ug/L	0.65	0.051	EPA-8141	ND		1
Ethoprop	ND	ug/L	0.26	0.032	EPA-8141	ND		1
Fensulfothion	ND	ug/L	0.26	0.11	EPA-8141	ND	Y11	1
Fenthion	ND	ug/L	0.26	0.043	EPA-8141	ND		1
Merphos	ND	ug/L	0.26	0.075	EPA-8141	ND		1
Methyl parathion	ND	ug/L	0.26	0.096	EPA-8141	ND		1
Mevinphos	ND	ug/L	0.26	0.069	EPA-8141	ND		1
Naled	ND	ug/L	0.26	0.094	EPA-8141	ND		1
Phorate	ND	ug/L	0.26	0.053	EPA-8141	ND		1
Ronnel (Fenchlorphos)	ND	ug/L	0.26	0.087	EPA-8141	ND		1
Stirophos (Tetrachlorvinphos)	ND	ug/L	0.26	0.060	EPA-8141	ND		1
Tokuthion (Prothiofos)	ND	ug/L	0.26	0.042	EPA-8141	ND		1
Trichloronate	ND	ug/L	0.26	0.049	EPA-8141	ND		1
Triphenylphosphate (Surrogate)	66.4	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/02/12	05/11/12 07:21	CC1	GC-7	1.299	8VE0789

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27047
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVE0789						
Azinphos methyl	BVE0789-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0789-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0789-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0789-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0789-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0789-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0789-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0789-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0789-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0789-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0789-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0789-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0789-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0789-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0789-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0789-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0789-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0789-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0789-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0789-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0789-BLK1	114	%	46 - 142 (LCL - UCL)		

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BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27047
Project Manager: Jullo Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab RPD Quals
								Percent Recovery	RPD	
QC Batch ID: BVE0789										
Bolstar	BVE0789-BS1	LCS	0.82400	0.80000	ug/L	103		57 - 124		
Chlorpyrifos	BVE0789-BS1	LCS	0.82150	0.80000	ug/L	103		66 - 123		
Diazinon	BVE0789-BS1	LCS	1.2525	0.80000	ug/L	157		70 - 122		L01
Methyl parathion	BVE0789-BS1	LCS	0.80450	0.80000	ug/L	101		66 - 120		
Mevinphos	BVE0789-BS1	LCS	1.0850	0.80000	ug/L	136		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0789-BS1	LCS	0.70050	0.80000	ug/L	87.6		61 - 120		
Stirophos (Tetrachlorvinphos)	BVE0789-BS1	LCS	1.4195	0.80000	ug/L	177		52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0789-BS1	LCS	2.7260	2.5000	ug/L	109		46 - 142		

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27047
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab	
								Percent Recovery	Percent Recovery		
QC Batch ID: BVE0789		Used client sample: N									
Bolstar	MS	1204254-63	ND	0.83750	0.80000	ug/L		105		61 - 120	
	MSD	1204254-63	ND	0.66300	0.80000	ug/L	23.3	82.9	22	61 - 120	Q02, Q03
Chlorpyrifos	MS	1204254-63	ND	0.85550	0.80000	ug/L		107		65 - 120	
	MSD	1204254-63	ND	0.70100	0.80000	ug/L	19.9	87.6	22	65 - 120	
Diazinon	MS	1204254-63	ND	1.2510	0.80000	ug/L		156		70 - 122	Q03
	MSD	1204254-63	ND	1.0280	0.80000	ug/L	19.6	128	30	70 - 122	Q03
Methyl parathion	MS	1204254-63	ND	0.86800	0.80000	ug/L		108		61 - 120	
	MSD	1204254-63	ND	0.69900	0.80000	ug/L	21.6	87.4	25	61 - 120	
Mevinphos	MS	1204254-63	ND	1.2275	0.80000	ug/L		153		56 - 120	Q03
	MSD	1204254-63	ND	1.0575	0.80000	ug/L	14.9	132	28	56 - 120	Q03
Ronnal (Fenchlorphos)	MS	1204254-63	ND	0.75950	0.80000	ug/L		94.9		55 - 120	
	MSD	1204254-63	ND	0.61600	0.80000	ug/L	20.9	77.0	29	55 - 120	
Stirophos (Tetrachlorvinphos)	MS	1204254-63	ND	1.4725	0.80000	ug/L		184		54 - 127	Q03
	MSD	1204254-63	ND	1.2390	0.80000	ug/L	17.2	155	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1204254-63	ND	2.7015	2.5000	ug/L		108		46 - 142	
	MSD	1204254-63	ND	2.2685	2.5000	ug/L	17.4	90.7		46 - 142	

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27047
Project Manager: Julio Morales

Notes And Definitions

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- L01 The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.
- V11 The Continuing Calibration Verification (CCV) recovery is not within established control limits.



California ELAP Certificate # 1371

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

June 21, 2012

Work Order #: 2F14022

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 06/14/12 . For your reference, these analyses have been assigned laboratory work order number 2F14022 .

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
6/21/12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Inland Star	2F14022-01	Waste Water	06/14/12 14:00	06/14/12 14:10



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: Chris Lopes

Reported: 6/21/12

Inland Star
 2F14022-01 (Waste Water)

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

Inorganics

Specific Conductance (EC)	1700	1.0	1.0	µS/cm	1	T2F1503	06/15/12	06/15/12	SM2510B	
Turbidity	120	0.50	0.10	NTU	5	T2F1506	06/15/12	06/15/12	EPA 180.1	

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
- NR Not Reported
- RPD Relative Percent Difference
- MDL Method Detection Limit



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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: Chris Lopes

Reported:
 6/21/12

Inorganics - Quality Control

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

Batch T2F1503

LCS (T2F1503-BS1)				Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	507	1.0	µS/cm	500		101	80-120		20	
LCS (T2F1503-BS2)				Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	511	1.0	µS/cm	500		102	80-120		20	
LCS Dup (T2F1503-BSD1)				Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	512	1.0	µS/cm	500		102	80-120	0.981	20	
LCS Dup (T2F1503-BSD2)				Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	510	1.0	µS/cm	500		102	80-120	0.196	20	
Duplicate (T2F1503-DUP1)		Source: 2F14010-01		Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	539	1.0	µS/cm		540			0.185	20	
Duplicate (T2F1503-DUP2)		Source: 2F14028-02		Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	34.1	1.0	µS/cm		33.8			0.884	20	
Duplicate (T2F1503-DUP3)		Source: 2F14028-12		Prepared & Analyzed: 06/15/12						
Specific Conductance (EC)	2.17	1.0	µS/cm		2.09			3.76	20	

Batch T2F1506

Blank (T2F1506-BLK1)				Prepared & Analyzed: 06/15/12						
Turbidity	0.0200	0.10	NTU							
LCS (T2F1506-BS1)				Prepared & Analyzed: 06/15/12						
Turbidity	9.91	0.10	NTU	10.0		99.1	80-120		20	
LCS Dup (T2F1506-BSD1)				Prepared & Analyzed: 06/15/12						
Turbidity	9.95	0.10	NTU	10.0		99.5	80-120	0.403	20	
Duplicate (T2F1506-DUP1)		Source: 2F14022-01		Prepared & Analyzed: 06/15/12						
Turbidity	126	0.50	NTU		122			2.83	20	



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2F14022
PAGE 1 **OF** 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: LANNIE CORTES	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER:
COMPANY: MCDWD	COMPANY:	
ADDRESS: 3580 S. FRANK FRESNO CA. 93725	ADDRESS: Soul	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7319	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPES	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:	
SIGNATURE: <i>[Signature]</i>	LIQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER G - GRAB, C - COMPOSITE		
<input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE			
<input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT			
<input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL			

TURN AROUND TIME: STANDARD RUSH, DUE ON:

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										LAB USE		
	INLAND STAR	6/14	2 PM														

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>					

[Handwritten notes and signatures at bottom of page]

Sample Integrity

Page 2 of 3 WO# 2F14022 Date Received: 6/14/22

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.			Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were Bbottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____
 Explanations/Comments:



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

California ELAP Certificate #1371

September 27, 2012

Work Order #: 2107041

Chris Lopes
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 09/07/12 . For your reference, these analyses have been assigned laboratory work order number 2107041 .

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
 09/27/2012

Analytical Report for Work Order 2107041

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
3146 S. Chesnut Fresno CA 93725							Sampled: 09/07/12 16:30 2107041-01 (Water)				
Turbidity	HT	120	0.30	0.060	NTU	3	T211014	09/10/12	09/10/12	EPA 180.1	
Total Suspended Solids		200	20	5.7	mg/L	5	T211312	09/13/12	09/14/12	SM 2540D	
Specific Conductance (EC)		1300	1.0	1.0	µS/cm	1	T211305	09/13/12	09/13/12	SM2510B	
Biochemical Oxygen Demand		22	10	10	mg/L	10	T210801	09/08/12	09/13/12	SM5210B	

Notes and Definitions

- HT This result was analyzed outside of the EPA recommended holding time due to laboratory error.
 - DUP2 RPD for duplicate analysis exceeded limits due to matrix interference.
 - 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.



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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: Chris Lopes

Reported:
 09/27/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2I1312 - SM 2540D

Blank (T2I1312-BLK1)		Prepared: 09/13/12 Analyzed: 09/14/12								
Total Suspended Solids		ND	4.0	mg/L						
Duplicate (T2I1312-DUP1)		Source: 2I07019-03 Prepared: 09/13/12 Analyzed: 09/14/12								
Total Suspended Solids		3500	200	mg/L		3500			1.43	20
Duplicate (T2I1312-DUP2)		Source: 2I10013-01 Prepared: 09/13/12 Analyzed: 09/14/12								
Total Suspended Solids		220	20	mg/L		220			0.922	20

Sample Integrity

Page 2 of 3 WO# 2:07041 Date Received: 9/7/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?		<input checked="" type="checkbox"/>		
Were bottle custody seals intact?		<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:



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

California ELAP Certificate #1371

October 12, 2012

Work Order #: 2J09027

Chris Lopes
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 10/09/12 . For your reference, these analyses have been assigned laboratory work order number 2J09027 .

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
10/12/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Inland Star 3146 S. Chesnut Fresno CA 93725	2J09027-01	Water	10/09/12 12:00	10/09/12 14:10



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 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: Chris Lopes 10/12/2012

Analytical Report for Work Order 2J09027

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Inland Star 3146 S. Chesnut Fresno CA 93725							Sampled: 10/09/12 12:00 2J09027-01 (Water)				
Turbidity		120	0.50	0.10	NTU	5	T2J0907	10/09/12	10/09/12	EPA 180.1	
Specific Conductance (EC)		1500	1.0	1.0	µS/cm	1	T2J0912	10/09/12	10/10/12	SM2510B	

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - ug/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- 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 T2J0907 - EPA 180.1

Blank (T2J0907-BLK1)		Prepared & Analyzed: 10/09/12								
Turbidity	J	0.0200	0.10	NTU						
LCS (T2J0907-BS1)		Prepared & Analyzed: 10/09/12								
Turbidity		9.23	0.10	NTU	10.0		92.3	80-120		20
LCS Dup (T2J0907-BSD1)		Prepared & Analyzed: 10/09/12								
Turbidity		9.22	0.10	NTU	10.0		92.2	80-120	0.108	20
Duplicate (T2J0907-DUP1)		Source: 2J09008-01 Prepared & Analyzed: 10/09/12								
Turbidity		6.34	0.10	NTU		6.32			0.316	20

Batch T2J0912 - SM2510B

LCS (T2J0912-BS1)		Prepared: 10/09/12 Analyzed: 10/10/12								
Specific Conductance (EC)		519	1.0	µS/cm	500		104	80-120		20
LCS Dup (T2J0912-BSD1)		Prepared: 10/09/12 Analyzed: 10/10/12								
Specific Conductance (EC)		522	1.0	µS/cm	500		104	80-120	0.576	20
Duplicate (T2J0912-DUP1)		Source: 2J08029-06 Prepared: 10/09/12 Analyzed: 10/10/12								
Specific Conductance (EC)		433	1.0	µS/cm		435			0.461	20
Duplicate (T2J0912-DUP2)		Source: 2J09021-01 Prepared: 10/09/12 Analyzed: 10/10/12								
Specific Conductance (EC)		1540	1.0	µS/cm		1540			0.00	20



ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORKORDER #: 2509027
PAGE 1 OF 3

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: H. COOPER	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input checked="" type="checkbox"/> OTHER: MCWU
NAME: MALAGA CWU	NAME:	
ADDRESS: 3580 S. FRANK ST. FRESNO CA. 93725	ADDRESS:	
PHONE: 559 405 7353	PHONE:	
FAX: 559 105 7319	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: <i>[Signature]</i> <input type="checkbox"/> PUBLIC SYSTEM <input 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 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: PROJECT NUMBER: PROJECT MANAGER:
--	--	---	---

LAB USE	NOTES ON RECEIVED CONDITION:				EC	TURBIDITY	ANALYSIS REQUESTED										System Number / Station Code	
	<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														
	1 INLAND STAR	10/9	1200		XX													
	3146 S. CHESTNUT																	
	FRESNO CA. 93725																	

COMMENTS/ADDITIONAL INSTRUCTIONS:

REINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		10/9/12	1400	<i>[Signature]</i>	MCWU

Sample Integrity

Page 2 of 3 WO# 2J09027 Date Received: 10/09/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2509027

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacteriological Thioculfate			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125mL, 250mL, 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/Metals Double Bag			



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

California ELAP Certificate #1371

November 15, 2012

Work Order #: 2K06033

Chris Lopes
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 11/06/12 . For your reference, these analyses have been assigned laboratory work order number 2K06033.

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 that reads 'Lisa Montijo'. The signature is written in a cursive, flowing style.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
11/15/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Inland Star 3146 S. Chesnut Fresno CA 93725	2K06033-01	Water	11/06/12 09:30	11/06/12 15:45



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: Chris Lopes

Reported:
 11/15/2012

Analytical Report for Work Order 2K06033

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
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Inland Star 3146 S. Chesnut Fresno CA 93725

Sampled: 11/06/12 09:30 2K06033-01 (Water)

Turbidity		70	0.40	0.080	NTU	4	T2K0711	FSz	11/7/12 10:37	11/7/12 12:36	EPA 180.1
Specific Conductance (EC)		1100	1.0	1.0	µS/cm	1	T2K0626	DAR	11/6/12 19:56	11/7/12 2:40	SM2510B

Notes and Definitions

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



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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: Chris Lopes

Reported: 11/15/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2K0626 - SM2510B

LCS (T2K0626-BS1)		Prepared: 11/06/12 Analyzed: 11/07/12								
Specific Conductance (EC)		497	1.0	µS/cm	500		99.4	80-120		20
LCS Dup (T2K0626-BSD1)		Prepared: 11/06/12 Analyzed: 11/07/12								
Specific Conductance (EC)		502	1.0	µS/cm	500		100	80-120	0.981	20
Duplicate (T2K0626-DUP1)		Source: 2K05012-01		Prepared: 11/06/12 Analyzed: 11/07/12						
Specific Conductance (EC)		789	1.0	µS/cm		789			0.00	20
Duplicate (T2K0626-DUP2)		Source: 2K06031-01		Prepared: 11/06/12 Analyzed: 11/07/12						
Specific Conductance (EC)		767	1.0	µS/cm		764			0.384	20

Batch T2K0711 - EPA 180.1

Blank (T2K0711-BLK1)		Prepared & Analyzed: 11/07/12								
Turbidity	J	0.0400	0.10	NTU						
LCS (T2K0711-BS1)		Prepared & Analyzed: 11/07/12								
Turbidity		9.30	0.10	NTU	10.0		93.0	80-120		20
LCS Dup (T2K0711-BSD1)		Prepared & Analyzed: 11/07/12								
Turbidity		9.32	0.10	NTU	10.0		93.2	80-120	0.215	20
Duplicate (T2K0711-DUP1)		Source: 2K06028-01		Prepared & Analyzed: 11/07/12						
Turbidity		574	2.0	NTU		574			0.00	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #:

PAGE 1 OF 3 2K06033

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: L. CORTAZ	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input type="checkbox"/> OTHER: M.C.W.D.
NAME: M.C.W.D.	NAME:	
ADDRESS: 3580 S. FRANK. ST.	ADDRESS: Go	
PHONE: FRESNO CA. 93725	PHONE:	
FAX: 559405 7353	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: <i>Chris Lopes</i> <input type="checkbox"/> PUBLIC SYSTEM <input 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 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: PROJECT NUMBER: PROJECT MANAGER:
--	--	---	---

B U S E	NOTES ON RECEIVED CONDITION:				E.C.	TURBIDITY	ANALYSIS REQUESTED										System Number / Station Code
	<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													
1 INLAND STAR		11/6	930 AM														
3146 S. CAESTNUT																	
FRESNO CA. 93725																	
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(-45deg); opacity: 0.5;"></div>																	

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopes</i>		11/06/12	1545	<i>J</i>	

Sample Integrity

Page 2 of 3 WO# 2K06033 Date Received: 11/06/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes (No) Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No (N/A) Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2K06033

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bach 100mL Thio sulfate			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125ml, 250ml, 500ml			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/Metals Double Bag			



2527 Fresno Street
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California ELAP Certificate #1371

December 10, 2012

Work Order #: 2L05071

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 12/05/12 . For your reference, these analyses have been assigned laboratory work order number 2L05071 .

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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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: Chris Lopes

Reported:
12/10/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Inland Star	2L05071-01	Waste Water	12/05/12 15:00	12/05/12 16:40



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 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: Chris Lopes

Reported:
 12/10/2012

Analytical Report for Work Order 2L05071

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
Inland Star											
						Sampled: 12/05/12 15:00 2L05071-01 (Waste Water)					
Turbidity		750	2.0	0.40	NTU	20	T2L0602	FSz	12/6/12 8:56	12/6/12 8:56	EPA 180.1
Specific Conductance (EC)		1400	1.0	0.26	µS/cm	1	T2L0610	DAR	12/6/12 19:50	12/6/12 19:50	SM2510B

Notes and Definitions

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



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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: Chris Lopes

Reported:
 12/10/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2L0602 - EPA 180.1

Blank (T2L0602-BLK1)		Prepared & Analyzed: 12/06/12								
Turbidity	J	0.0500	0.10	NTU						
LCS (T2L0602-BS1)		Prepared & Analyzed: 12/06/12								
Turbidity		20.1	0.10	NTU	20.0		100	80-120		20
LCS Dup (T2L0602-BSD1)		Prepared & Analyzed: 12/06/12								
Turbidity		20.1	0.10	NTU	20.0		100	80-120	0.00	20
Duplicate (T2L0602-DUP1)		Source: 2L05009-01		Prepared & Analyzed: 12/06/12						
Turbidity		0.480	0.10	NTU		0.490			2.06	20

Batch T2L0610 - SM2510B

Blank (T2L0610-BLK1)		Prepared & Analyzed: 12/06/12								
Specific Conductance (EC)		ND	1.0	µS/cm						
LCS (T2L0610-BS1)		Prepared & Analyzed: 12/06/12								
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120		20
LCS Dup (T2L0610-BSD1)		Prepared & Analyzed: 12/06/12								
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120	0.00	20
Duplicate (T2L0610-DUP1)		Source: 2L06001-01		Prepared & Analyzed: 12/06/12						
Specific Conductance (EC)		340	1.0	µS/cm		341			0.291	20
Duplicate (T2L0610-DUP2)		Source: 2L06001-02		Prepared & Analyzed: 12/06/12						
Specific Conductance (EC)		417	1.0	µS/cm		417			0.00	20

Sample Integrity

Page 2 of 3 WO# 2209091 Date Received: 12/5/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Any hold times less than 72hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials? (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes or No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____
 Explanations/Comments:

Sample Integrity

Page 33 of 3

WO# ZLGS071

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received			
Bacti: 100mL Thiosulfate			
None Preserved Plastic	<u>17</u>		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125mL, 250mL, 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/ Metals Double Bag			





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

California ELAP Certificate #1371

February 29, 2012

Work Order #: 2B17015

Jesse Alvarez
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 02/17/12. For your reference, these analyses have been assigned laboratory work order number 2B17015.

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 that reads 'Juliane Adams' followed by a horizontal line.

Juliane Adams
Laboratory Director



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Fresno, CA 93721
(559) 268-7021 Phone
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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: Jesse Alvarez

Reported:
02/29/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4190 S. Bagley.	2B17015-01	Waste Water	02/16/12 15:30	02/17/12 13:01

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



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 (559) 268-7021 Phone
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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: Jesse Alvarez

Reported:
 02/29/2012

Analytical Report for Work Order 2B17015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno Truck Wash 4190 S. Bagley						Sampled: 02/16/12 15:30 2B17015-01 (Waste Water)				
Turbidity		210	1.0		NTU	10	T2B1715	02/17/12	02/17/12	EPA 180.1
Specific Conductance (EC)		910	1.0		µS/cm	1	T2B2103	02/21/12	02/21/12	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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California ELAP Certificate #1371

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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Jesse Alvarez

Reported: 02/29/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2B1715

LCS (T2B1715-BS1)		Prepared & Analyzed: 02/17/12								
Turbidity		9.95	0.10	NTU	10.0		99.5	80-120		20

LCS Dup (T2B1715-BSD1)		Prepared & Analyzed: 02/17/12								
Turbidity		10.1	0.10	NTU	10.0		101	80-120	1.50	20

Duplicate (T2B1715-DUP1)		Source: 2B17010-01		Prepared & Analyzed: 02/17/12						
Turbidity		28.8	0.10	NTU		29.0			0.692	20

Batch T2B2103

LCS (T2B2103-BS1)		Prepared & Analyzed: 02/21/12								
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120		20

LCS (T2B2103-BS2)		Prepared & Analyzed: 02/21/12								
Specific Conductance (EC)		503	1.0	µS/cm	500		101	80-120		20

LCS Dup (T2B2103-BSD1)		Prepared & Analyzed: 02/21/12								
Specific Conductance (EC)		494	1.0	µS/cm	500		98.8	80-120	2.20	20

LCS Dup (T2B2103-BSD2)		Prepared & Analyzed: 02/21/12								
Specific Conductance (EC)		502	1.0	µS/cm	500		100	80-120	0.199	20

Duplicate (T2B2103-DUP1)		Source: 2B17010-01		Prepared & Analyzed: 02/21/12						
Specific Conductance (EC)		707	1.0	µS/cm		707			0.00	20

Duplicate (T2B2103-DUP2)		Source: 2B17022-02		Prepared & Analyzed: 02/21/12						
Specific Conductance (EC)		457	1.0	µS/cm		460			0.654	20

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: Jesse Alvarez

Reported:
 02/29/2012

Inorganics - Quality Control

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

Batch T2B2103

Duplicate (T2B2103-DUP3)

Source: 2B21011-04

Prepared & Analyzed: 02/21/12

Specific Conductance (EC)		462	1.0	µS/cm		465		0.647		20
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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 of custody document. This analytical report must be reproduced in its entirety.



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: *ref 3*

PAGE 1 OF 1

280 2817015

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: <i>Jesse Alvarez</i>	CONTACT: <i>Laurie Cortez</i>	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER: <i>Malaga Water Dist</i>
COMPANY: <i>Malaga Water Dist</i>	COMPANY: <i>Malaga Water Dist</i>	
ADDRESS: <i>3580 S FRANK</i>	ADDRESS: <i>3580 S FRANK</i>	
<i>Fresno Ca 93725</i>	<i>Fresno Ca 93725</i>	
PHONE: <i>559-485-7353</i>	PHONE: <i>559-485-7353</i>	
FAX: <i>559-485-7319</i>	FAX: <i>559-485-7319</i>	

SAMPLE INFORMATION SAMPLED BY (PRINT): <i>Jesse Alvarez</i> SIGNATURE: <i>Jesse Alvarez</i> <input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input 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 <input checked="" type="checkbox"/> WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
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LAB USE	NOTES ON RECEIVED CONDITION:				LAB USE
	<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	
	<i>FRESNO TRUCK wash 4190 Bagley</i>	<i>2-16-12</i>	<i>2:38</i>	<i>XX</i>	
<i>E.C. Turbidity</i>					
<i>ANALYSIS REQUESTED</i>					

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Jesse Alvarez</i>	<i>Malaga Water Dist</i>				
			<i>1301</i>	<i>MPA</i>	

Sample Integrity

Pg 2 of 3

2017015

Date Received: 2/17/12

Section 1-Sampled Same Day
 Sample Transport: Walk-in MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Y N

Section 2-Sampled Previously
 Sample Transport: CAO UPS Walk-in MTA Courier GSO Fed Ex Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact: Y or N

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were bottle custody seals intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Init: _____

Was Client Service Supervisor notified of discrepancies: Yes No N/A Notified by: _____

Explanations/Comments

Report Comment Entered: _____

Labeled by: _____ Checked by: _____

2B17015

Sample Integrity

Pg 3 of 3

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received		1	
Bacti 100mL Thiosulfate			
None Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None			
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1 L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			



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California ELAP Certificate #1371

May 09, 2012

Work Order #: 2D24033

Chris Lopez
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 04/24/12. For your reference, these analyses have been assigned laboratory work order number 2D24033.

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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

Project: Malaga Water Department
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/09/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno T.W. \ 4190 Bagley	2D24033-01	Water	04/24/12 12:00	04/24/12 12:00

Analytical Report for Work Order 2D24033

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno T.W. \ 4190 Bagley										
Sampled: 04/24/12 12:00 2D24033-01 (Water)										
Ammonia as N		1.9	1.0	0.48	mg/L	1	T2E0805	05/08/12	05/08/12	EPA 350.1
Total Dissolved Solids		1000	50	41	mg/L	5	T2D2711	04/27/12	04/28/12	SM 2540C
Chlorine Residual (In Lab Analysis)		ND	0.10	0.10	mg/L	1	T2D2416	04/24/12	04/24/12	SM4500-Cl F
pH		7.1	0.10	0.10	pH Units	1	T2D2507	04/25/12	04/25/12	SM4500-H B
Methylene Blue Active Substances		55	2.0	1.2	mg/L	40	T2D2611	04/26/12	04/26/12	SM5540C
Arsenic		4.3	1.0	0.15	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Cadmium		2.5	0.20	0.079	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Chromium		9.3	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		21	2.0	0.094	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Lead		0.97	0.50	0.029	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Molybdenum		12	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Nickel		13	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium	J	0.32	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		380	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury		ND	0.20	0.062	µg/L	1	T2D2514	04/25/12	04/26/12	EPA 245.1

Notes and Definitions

- MS3 Recovery for this analyte was biased low; associated blank spike recoveries are within range.
- MS2 Recovery for this analyte was biased high; associated blank spike recoveries are within range.
- MS1 Recovery for this analyte was affected by matrix.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- 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.



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Project: Malaga Water Department
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/09/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2416

Blank (T2D2416-BLK1)		Prepared & Analyzed: 04/24/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2D2416-DUP1)		Source: 2D24027-01		Prepared & Analyzed: 04/24/12						
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2D2507

LCS (T2D2507-BS1)		Prepared & Analyzed: 04/25/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS (T2D2507-BS2)		Prepared & Analyzed: 04/25/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS Dup (T2D2507-BSD1)		Prepared & Analyzed: 04/25/12								
I		6.96	0.10	pH Units	7.00		99.4	80-120	0.430	20
LCS Dup (T2D2507-BSD2)		Prepared & Analyzed: 04/25/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
Duplicate (T2D2507-DUP1)		Source: 2D11035-08		Prepared & Analyzed: 04/25/12						
pH		9.18	0.10	pH Units		9.18			0.00	20
Duplicate (T2D2507-DUP2)		Source: 2D24037-04		Prepared & Analyzed: 04/25/12						
pH		7.45	0.10	pH Units		7.41			0.538	20
Duplicate (T2D2507-DUP3)		Source: 2D25010-02		Prepared & Analyzed: 04/25/12						
pH		7.24	0.10	pH Units		7.23			0.138	20



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Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2611

Blank (T2D2611-BLK1)		Prepared & Analyzed: 04/26/12								
Methylene Blue Active Substances		ND	0.050	mg/L						
LCS (T2D2611-BS1)		Prepared & Analyzed: 04/26/12								
Methylene Blue Active Substances		0.930	0.050	mg/L	1.00		93.0	80-120		20
LCS Dup (T2D2611-BSD1)		Prepared & Analyzed: 04/26/12								
Methylene Blue Active Substances		0.973	0.050	mg/L	1.00		97.3	80-120	4.52	20
Matrix Spike (T2D2611-MS1)		Source: 2D25018-02		Prepared & Analyzed: 04/26/12						
Methylene Blue Active Substances	MS1	1.37	0.050	mg/L	1.00	0.0330	134	80-120		20
Matrix Spike (T2D2611-MS2)		Source: 2D25018-02		Prepared & Analyzed: 04/26/12						
Methylene Blue Active Substances		1.07	0.050	mg/L	1.00	0.0330	104	80-120		20
Matrix Spike Dup (T2D2611-MSD1)		Source: 2D25018-02		Prepared & Analyzed: 04/26/12						
Methylene Blue Active Substances	MS1	1.25	0.050	mg/L	1.00	0.0330	122	80-120	9.38	20
Matrix Spike Dup (T2D2611-MSD2)		Source: 2D25018-02		Prepared & Analyzed: 04/26/12						
Methylene Blue Active Substances		1.02	0.050	mg/L	1.00	0.0330	99.2	80-120	4.58	20

Batch T2D2711

Blank (T2D2711-BLK1)		Prepared: 04/27/12 Analyzed: 04/28/12								
Total Dissolved Solids		ND	10	mg/L						
LCS (T2D2711-BS1)		Prepared: 04/27/12 Analyzed: 04/28/12								
Total Dissolved Solids		247	10	mg/L	240		103	80-120		20



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Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2711

LCS Dup (T2D2711-BSD1)		Prepared: 04/27/12 Analyzed: 04/28/12								
Total Dissolved Solids		246	10	mg/L	240		102	80-120	0.406	20
Duplicate (T2D2711-DUP1)		Source: 2D24007-03		Prepared: 04/27/12 Analyzed: 04/28/12						
Total Dissolved Solids	DUP1	176	10	mg/L		140			22.7	20
Duplicate (T2D2711-DUP2)		Source: 2D25012-02		Prepared: 04/27/12 Analyzed: 04/28/12						
Total Dissolved Solids		420	10	mg/L		414			1.44	20

Batch T2E0805

Blank (T2E0805-BLK1)		Prepared & Analyzed: 05/08/12								
Ammonia as N	J	0.888	1.0	mg/L						
LCS (T2E0805-BS1)		Prepared & Analyzed: 05/08/12								
Ammonia as N		25.3	1.0	mg/L	22.5		113	80-120		20
LCS Dup (T2E0805-BSD1)		Prepared & Analyzed: 05/08/12								
Ammonia as N		23.0	1.0	mg/L	22.5		102	80-120	9.86	20
Matrix Spike (T2E0805-MS1)		Source: 2D24030-01		Prepared & Analyzed: 05/08/12						
Ammonia as N		24.4	1.0	mg/L	22.5	1.78	101	80-120		20
Matrix Spike (T2E0805-MS2)		Source: 2D25003-01		Prepared & Analyzed: 05/08/12						
Ammonia as N		24.2	1.0	mg/L	22.5	1.57	100	80-120		20
Matrix Spike Dup (T2E0805-MSD1)		Source: 2D24030-01		Prepared & Analyzed: 05/08/12						
Ammonia as N		24.1	1.0	mg/L	22.5	1.78	99.3	80-120	1.15	20



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Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0805

Matrix Spike Dup (T2E0805-MSD2)

Source: 2D25003-01

Prepared & Analyzed: 05/08/12

Ammonia as N		21.8	1.0	mg/L	22.5	1.57	89.9	80-120	10.3	20
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Reported:
 05/09/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2514

Blank (T2D2514-BLK1)		Prepared: 04/25/12 Analyzed: 04/26/12								
Mercury	J	0.0766	0.20	µg/L						
LCS (T2D2514-BS1)		Prepared: 04/25/12 Analyzed: 04/26/12								
Mercury		5.36	0.20	µg/L	5.00		107	80-115		20
LCS Dup (T2D2514-BSD1)		Prepared: 04/25/12 Analyzed: 04/26/12								
Mercury		5.58	0.20	µg/L	5.00		112	80-115	3.93	20
Matrix Spike (T2D2514-MS1)		Source: 2D23025-01		Prepared: 04/25/12 Analyzed: 04/26/12						
Mercury		5.32	0.20	µg/L	5.00	0.308	100	70-125		20
Matrix Spike (T2D2514-MS2)		Source: 2D24034-01		Prepared: 04/25/12 Analyzed: 04/26/12						
Mercury		150	6.0	µg/L	150	15.0	89.7	70-125		20
Matrix Spike Dup (T2D2514-MSD1)		Source: 2D23025-01		Prepared: 04/25/12 Analyzed: 04/26/12						
Mercury		5.93	0.20	µg/L	5.00	0.308	112	70-125	10.8	20
Matrix Spike Dup (T2D2514-MSD2)		Source: 2D24034-01		Prepared: 04/25/12 Analyzed: 04/26/12						
Mercury		130	6.0	µg/L	150	15.0	76.6	70-125	14.0	20

Batch T2D2709

Blank (T2D2709-BLK1)		Prepared: 04/27/12 Analyzed: 05/01/12								
Zinc		ND	5.0	µg/L						
Arsenic		ND	1.0	"						
Chromium		ND	1.0	"						
Copper		ND	2.0	"						
Cadmium		ND	0.20	"						
Nickel	J	0.153	1.0	"						
Lead		ND	0.50	"						
Molybdenum	J	0.0323	1.0	"						
Selenium		ND	1.0	"						



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Reported: 05/09/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2709

LCS (T2D2709-BS1)

Prepared: 04/27/12 Analyzed: 05/01/12

Selenium		48.2	1.0	µg/L	50.0		96.5	85-115		20
Copper		49.0	2.0	"	50.0		97.9	85-115		20
Cadmium		48.5	0.20	"	50.0		96.9	85-115		20
Chromium		49.4	1.0	"	50.0		98.8	85-115		20
Arsenic		48.5	1.0	"	50.0		96.9	85-115		20
Zinc		51.6	5.0	"	50.0		103	85-115		20
Lead		48	0.50	"	50.0		95.6	85-115		20
Nickel		49.2	1.0	"	50.0		98.4	85-115		20
Molybdenum		48.0	1.0	"	50.0		96.0	85-115		20

LCS Dup (T2D2709-BSD1)

Prepared: 04/27/12 Analyzed: 05/01/12

Copper		48.8	2.0	µg/L	50.0		97.5	85-115	0.443	20
Arsenic		48.5	1.0	"	50.0		96.9	85-115	0.0210	20
Lead		48	0.50	"	50.0		95.1	85-115	0.590	20
Selenium		47.9	1.0	"	50.0		95.9	85-115	0.589	20
Zinc		50.8	5.0	"	50.0		102	85-115	1.51	20
Molybdenum		47.6	1.0	"	50.0		95.3	85-115	0.791	20
Cadmium		48.0	0.20	"	50.0		96.1	85-115	0.856	20
Nickel		48.6	1.0	"	50.0		97.2	85-115	1.26	20
Chromium		49.3	1.0	"	50.0		98.6	85-115	0.214	20

Matrix Spike (T2D2709-MS1)

Source: 2D24027-01

Prepared: 04/27/12 Analyzed: 05/01/12

Zinc		190	5.0	µg/L	50.0	150	77.3	75-125		20
Selenium		40	1.0	"	50.0	0.21	80.2	70-130		20
Nickel		50	1.0	"	50.0	2.3	96.0	75-125		20
Molybdenum		58	1.0	"	50.0	6.2	103	70-130		20
Copper		47	2.0	"	50.0	0.96	92.1	70-130		20
Lead		45	0.50	"	50.0	ND	90.7	70-130		20
Chromium		51	1.0	"	50.0	0.43	101	70-130		20
Arsenic		47	1.0	"	50.0	1.2	91.8	70-130		20
Cadmium		45	0.20	"	50.0	ND	89.7	70-130		20



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California ELAP Certificate #1371

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

Project: Malaga Water Department
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/09/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2709

Matrix Spike (T2D2709-MS2)		Source: 2D25032-01			Prepared: 04/27/12		Analyzed: 05/01/12			
Nickel		48	1.0	µg/L	50.0	2.3	91.8	75-125		20
Zinc	MS3	81	5.0	"	50.0	130	NR	75-125		20
Lead		46	0.50	"	50.0	0.13	90.9	70-130		20
Chromium		59	1.0	"	50.0	0.25	117	70-130		20
Selenium		45	1.0	"	50.0	0.73	87.7	70-130		20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130		20
Copper	MS2	230	2.0	"	50.0	8.3	438	70-130		20
Molybdenum		57	1.0	"	50.0	10	93.7	70-130		20
Arsenic		53	1.0	"	50.0	1.4	104	70-130		20

Matrix Spike Dup (T2D2709-MSD1)		Source: 2D24027-01			Prepared: 04/27/12		Analyzed: 05/01/12			
Selenium		42	1.0	µg/L	50.0	0.21	83.6	70-130	4.09	20
Zinc		190	5.0	"	50.0	150	79.4	75-125	0.552	20
Copper		48	2.0	"	50.0	0.96	94.6	70-130	2.56	20
Nickel		52	1.0	"	50.0	2.3	99.0	75-125	2.90	20
Molybdenum		58	1.0	"	50.0	6.2	104	70-130	1.64	20
Cadmium		46	0.20	"	50.0	ND	92.0	70-130	2.53	20
Lead		46	0.50	"	50.0	ND	91.0	70-130	0.305	20
Chromium		52	1.0	"	50.0	0.43	104	70-130	2.95	20
Arsenic		49	1.0	"	50.0	1.2	96.2	70-130	4.62	20

Matrix Spike Dup (T2D2709-MSD2)		Source: 2D25032-01			Prepared: 04/27/12		Analyzed: 05/01/12			
Chromium		58	1.0	µg/L	50.0	0.25	116	70-130	0.817	20
Nickel		48	1.0	"	50.0	2.3	91.2	75-125	0.594	20
Lead		46	0.50	"	50.0	0.13	91.4	70-130	0.514	20
Zinc	MS3	81	5.0	"	50.0	130	NR	75-125	0.342	20
Copper	MS2	230	2.0	"	50.0	8.3	435	70-130	0.818	20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130	0.0193	20
Selenium		44	1.0	"	50.0	0.73	87.1	70-130	0.647	20
Arsenic		53	1.0	"	50.0	1.4	102	70-130	1.41	20
Molybdenum		57	1.0	"	50.0	10	92.7	70-130	0.918	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #: 2024033
PAGE 1 OF 3

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPEZ	CONTACT: LOURIE CORTER	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER: M.C.W.D.
COMPANY: M.C.W.D.	COMPANY:	
ADDRESS: 3580 S. FRANK FRESNO CA, 93725	ADDRESS: SAME	
PHONE: 559 485-7353	PHONE:	
FAX: 485-7319	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPEZ	SIGNATURE: <i>[Signature]</i>	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.:
<input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL		LIQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT:
TURN AROUND TIME: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH, DUE ON:			PROJECT NUMBER:
			PROJECT MANAGER:

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED							LAB USE
	<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	AMMONIA	CHLORINE	D.P.	METALS	T.A.	T-D.S.	
	CLIENT SAMPLE ID	DATE	TIME	TYPE								
	FRESNO T.W.	4/24	12 PM		X	X	X	X	X	X	X	
	4190 BASKET	4/24	12 PM									

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		6/24/20		<i>[Signature]</i>	
			1630		

Sample Integrity

Pg

2 of 3

2024033

Date Received:

4/24/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Y N

Section 2-Sampled Previously
 Sample Transport: CAO UPS Walk-In MTA Courier GSO Fed Ex Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact: Y or N

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Init: _____

Was Client Service Supervisor notified of discrepancies: Yes No N/A Notified by: _____

Explanations/Comments

Report Comment Entered: _____

Labeled by: _____ Checked by: _____

Sample Integrity

Pg 3 of 3

2DL4033

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received		1	
Bacti 100mL Thiosulfate			
None Plastic	2C		
HNO3 Plastic	1A		
H2SO4 Plastic	1B		
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None	1		
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1.L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			



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California ELAP Certificate #1371

May 14, 2012

Work Order #: 2D27046

Chris Lopez
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 04/27/12. For your reference, these analyses have been assigned laboratory work order number 2D27046.

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 that reads 'Lisa Montijo'. The signature is written in a cursive, flowing style.

Lisa Montijo
Client Services Assistant



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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: Chris Lopez

Reported:
 05/14/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno T.W. 4190 Basley	2D27046-01	Waste Water	04/25/12 00:00	04/27/12 15:15

Analytical Report for Work Order 2D27046

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno T.W. 4190 Basley										
Sampled: 04/25/12 00:00 2D27046-01 (Waste Water)										
Ammonia as N		ND	1.0	0.48	mg/L	1	T2E1020	05/10/12	05/11/12	EPA 350.1
Total Dissolved Solids		710	200	160	mg/L	20	T2E0112	05/01/12	05/03/12	SM 2540C
Chlorine Residual (In Lab Analysis)	HT	ND	0.10	0.10	mg/L	1	T2D2716	04/27/12	04/27/12	SM4500-Cl F
pH	HT2	7.0	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances	HD	30	1.0	0.62	mg/L	20	T2D3009	04/28/12	04/28/12	SM5540C
Arsenic		4.6	1.0	0.15	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Cadmium		ND	0.20	0.079	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Chromium		3.7	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Copper		6.8	2.0	0.094	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Lead	J	0.16	0.50	0.029	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Molybdenum		16	1.0	0.025	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Nickel		15	1.0	0.039	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Selenium	J	0.29	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Zinc		23	5.0	3.0	µg/L	1	T2E0401	05/04/12	05/04/12	EPA 200.8
Mercury		ND	0.20	0.062	µg/L	1	T2E0711	05/07/12	05/08/12	EPA 245.1



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Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Chris Lopez

Reported:
05/14/2012

Notes and Definitions

- RPD3 The RPD is out of range for this spike and its duplicate due to a low or high bias of one of the two spikes.
- MS3 Recovery for this analyte was biased low; associated blank spike recoveries are within range.
- MS1 Recovery for this analyte was affected by matrix.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
- HT2 This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
- HT This result was analyzed outside of the EPA recommended holding time due to laboratory error.
- HD Sample was originally analyzed within the EPA recommended holding time. However, it was reanalyzed with a dilution to confirm the result due to a high concentration of the target parameter.
- 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.



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported: 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2703

LCS (T2D2703-BS1)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS (T2D2703-BS2)		Prepared & Analyzed: 04/27/12								
pH		6.98	0.10	pH Units	7.00		99.7	80-120		20
LCS (T2D2703-BS3)		Prepared & Analyzed: 04/27/12								
pH		7.00	0.10	pH Units	7.00		100	80-120		20
LCS (T2D2703-BS4)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS Dup (T2D2703-BSD1)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
LCS Dup (T2D2703-BSD2)		Prepared & Analyzed: 04/27/12								
pH		6.98	0.10	pH Units	7.00		99.7	80-120	0.00	20
LCS Dup (T2D2703-BSD3)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.143	20
LCS Dup (T2D2703-BSD4)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
Duplicate (T2D2703-DUP1)		Source: 2D26006-01		Prepared & Analyzed: 04/27/12						
pH		7.71	0.10	pH Units		7.70			0.130	20
Duplicate (T2D2703-DUP2)		Source: 2D26017-03		Prepared & Analyzed: 04/27/12						
pH		7.15	0.10	pH Units		7.14			0.140	20

California ELAP Certificate #1371

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 Fresno CA, 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2703

Duplicate (T2D2703-DUP3)		Source: 2D26032-05		Prepared & Analyzed: 04/27/12						
pH		8.51	0.10	pH Units		8.54			0.352	20
Duplicate (T2D2703-DUP4)		Source: 2D26035-02		Prepared & Analyzed: 04/27/12						
pH		8.48	0.10	pH Units		8.50			0.236	20
Duplicate (T2D2703-DUP5)		Source: 2D26050-01		Prepared & Analyzed: 04/27/12						
pH		7.36	0.10	pH Units		7.34			0.272	20
Duplicate (T2D2703-DUP6)		Source: 2D27017-03		Prepared & Analyzed: 04/27/12						
pH		6.38	0.10	pH Units		7.41			14.9	20
Duplicate (T2D2703-DUP7)		Source: 2D27053-01		Prepared & Analyzed: 04/27/12						
pH		8.47	0.10	pH Units		8.46			0.118	20

Batch T2D2716

Blank (T2D2716-BLK1)		Prepared & Analyzed: 04/27/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2D2716-DUP1)		Source: 2D27046-01		Prepared & Analyzed: 04/27/12						
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2D3009

Blank (T2D3009-BLK1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		ND	0.050	mg/L						



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported: 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D3009

LCS (T2D3009-BS1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		0.923	0.050	mg/L	1.00		92.3	80-120		20
LCS Dup (T2D3009-BSD1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		0.953	0.050	mg/L	1.00		95.3	80-120	3.20	20
Matrix Spike (T2D3009-MS1)		Source: 2D27046-01		Prepared & Analyzed: 04/28/12						
Methylene Blue Active Substances	MS1	60.0	20	mg/L	20.0	30.0	150	80-120		20
Matrix Spike Dup (T2D3009-MSD1)		Source: 2D27046-01		Prepared & Analyzed: 04/28/12						
Methylene Blue Active Substances	MS1	63.0	20	mg/L	20.0	30.0	165	80-120	4.88	20

Batch T2E0112

Blank (T2E0112-BLK1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		ND	10	mg/L						
LCS (T2E0112-BS1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120		20
LCS Dup (T2E0112-BSD1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120	0.00	20
Duplicate (T2E0112-DUP1)		Source: 2D26032-12		Prepared: 05/01/12 Analyzed: 05/03/12						
Total Dissolved Solids		34.0	10	mg/L		33.0			2.99	20
Duplicate (T2E0112-DUP2)		Source: 2D27018-03		Prepared: 05/01/12 Analyzed: 05/03/12						
Total Dissolved Solids		198	10	mg/L		192			2.82	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E1020

Blank (T2E1020-BLK1)		Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		ND	1.0	mg/L						
LCS (T2E1020-BS1)		Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		23.3	1.0	mg/L	22.5		103	80-120		20
LCS Dup (T2E1020-BSD1)		Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		23.0	1.0	mg/L	22.5		102	80-120	1.12	20
Matrix Spike (T2E1020-MS1)		Source: 2D26032-09 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N	MS3	17.8	1.0	mg/L	22.5	ND	79.0	80-120		20
Matrix Spike (T2E1020-MS2)		Source: 2D27053-01 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N	RPD3	36.5	1.0	mg/L	22.5	10.8	114	80-120		20
Matrix Spike Dup (T2E1020-MSD1)		Source: 2D26032-09 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N		19.0	1.0	mg/L	22.5	ND	84.4	80-120	6.61	20
Matrix Spike Dup (T2E1020-MSD2)		Source: 2D27053-01 Prepared: 05/10/12 Analyzed: 05/11/12								
Ammonia as N	MS3	26.9	1.0	mg/L	22.5	10.8	71.8	80-120	30.3	20



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 3580 S. Frank
 Fresno CA, 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported: 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0401

Blank (T2E0401-BLK1)

Prepared & Analyzed: 05/04/12

Molybdenum	J	0.0427	1.0	µg/L						
Arsenic	J	0.177	1.0	"						
Cadmium		ND	0.20	"						
Lead		ND	0.50	"						
Chromium		ND	1.0	"						
Copper		ND	2.0	"						
Zinc		ND	5.0	"						
Nickel		ND	1.0	"						
Selenium		ND	1.0	"						

LCS (T2E0401-BS1)

Prepared & Analyzed: 05/04/12

Lead		48	0.50	µg/L	50.0		96.3	85-115	0.804	20
Selenium		52.1	1.0	"	50.0		104	85-115	0.785	20
Molybdenum		50.9	1.0	"	50.0		102	85-115	0.333	20
Nickel		50.0	1.0	"	50.0		99.9	85-115	1.57	20
Arsenic		51.1	1.0	"	50.0		102	85-115	0.694	20
Zinc		57.2	5.0	"	50.0		114	85-115	2.29	20
Cadmium		52.0	0.20	"	50.0		104	85-115	0.164	20
Copper		51.1	2.0	"	50.0		102	85-115	0.811	20
Chromium		50.1	1.0	"	50.0		100	85-115	0.793	20

LCS Dup (T2E0401-BSD1)

Prepared & Analyzed: 05/04/12

Cadmium		51.6	0.20	µg/L	50.0		103	85-115	0.804	20
Molybdenum		50.5	1.0	"	50.0		101	85-115	0.785	20
Chromium		50.0	1.0	"	50.0		99.9	85-115	0.333	20
Arsenic		50.3	1.0	"	50.0		101	85-115	1.57	20
Zinc		56.8	5.0	"	50.0		114	85-115	0.694	20
Selenium		50.9	1.0	"	50.0		102	85-115	2.29	20
Nickel		49.9	1.0	"	50.0		99.8	85-115	0.164	20
Copper		50.7	2.0	"	50.0		101	85-115	0.811	20
Lead		49	0.50	"	50.0		97.1	85-115	0.793	20



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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: Chris Lopez

Reported:
 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0401

Matrix Spike (T2E0401-MS1)	Source: 2D27059-02	Prepared: 05/04/12	Analyzed: 05/07/12					
Chromium	50	1.0	µg/L	50.0	ND	99.9	70-130	20
Arsenic	56	1.0	"	50.0	6.6	99.5	70-130	20
Lead	46	0.50	"	50.0	ND	93.0	70-130	20
Molybdenum	56	1.0	"	50.0	3.4	105	70-130	20
Nickel	48	1.0	"	50.0	0.13	96.7	75-125	20
Cadmium	50	0.20	"	50.0	ND	99.6	70-130	20
Selenium	48	1.0	"	50.0	0.19	95.3	70-130	20
Copper	49	2.0	"	50.0	1.8	95.3	70-130	20
Zinc	51	5.0	"	50.0	ND	103	75-125	20

Matrix Spike (T2E0401-MS2)	Source: 2E02013-01	Prepared: 05/04/12	Analyzed: 05/07/12					
Nickel	49	1.0	µg/L	50.0	0.56	97.1	75-125	20
Zinc	54	5.0	"	50.0	4.8	99.1	75-125	20
Selenium	48	1.0	"	50.0	0.52	95.3	70-130	20
Cadmium	50	0.20	"	50.0	ND	99.5	70-130	20
Lead	46	0.50	"	50.0	0.083	92.7	70-130	20
Copper	49	2.0	"	50.0	0.73	96.4	70-130	20
Molybdenum	55	1.0	"	50.0	2.5	105	70-130	20
Chromium	54	1.0	"	50.0	3.9	99.6	70-130	20
Arsenic	55	1.0	"	50.0	6.3	98.1	70-130	20

Matrix Spike Dup (T2E0401-MSD1)	Source: 2D27059-02	Prepared: 05/04/12	Analyzed: 05/07/12						
Arsenic	55	1.0	µg/L	50.0	6.6	97.4	70-130	1.87	20
Selenium	46	1.0	"	50.0	0.19	91.8	70-130	3.77	20
Chromium	49	1.0	"	50.0	ND	98.1	70-130	1.84	20
Lead	46	0.50	"	50.0	ND	93.0	70-130	0.0423	20
Nickel	48	1.0	"	50.0	0.13	95.8	75-125	1.01	20
Molybdenum	56	1.0	"	50.0	3.4	104	70-130	0.314	20
Cadmium	49	0.20	"	50.0	ND	98.2	70-130	1.40	20
Copper	48	2.0	"	50.0	1.8	93.0	70-130	2.32	20
Zinc	51	5.0	"	50.0	ND	101	75-125	1.33	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0401

Matrix Spike Dup (T2E0401-MSD2)	Source: 2E02013-01	Prepared: 05/04/12	Analyzed: 05/07/12						
Nickel	49	1.0	µg/L	50.0	0.56	97.5	75-125	0.419	20
Zinc	54	5.0	"	50.0	4.8	98.3	75-125	0.775	20
Arsenic	56	1.0	"	50.0	6.3	98.8	70-130	0.692	20
Cadmium	50	0.20	"	50.0	ND	99.1	70-130	0.331	20
Copper	49	2.0	"	50.0	0.73	95.8	70-130	0.641	20
Selenium	48	1.0	"	50.0	0.52	95.2	70-130	0.139	20
Lead	47	0.50	"	50.0	0.083	92.8	70-130	0.136	20
Chromium	54	1.0	"	50.0	3.9	100	70-130	0.672	20
Molybdenum	55	1.0	"	50.0	2.5	104	70-130	0.511	20

Batch T2E0711

Blank (T2E0711-BLK1)	Prepared: 05/07/12	Analyzed: 05/08/12					
Mercury	ND	0.20 µg/L					
LCS (T2E0711-BS1)	Prepared: 05/07/12	Analyzed: 05/08/12					
Mercury	4.80	0.20 µg/L	5.00	96.0	80-115	20	
LCS Dup (T2E0711-BSD1)	Prepared: 05/07/12	Analyzed: 05/08/12					
Mercury	4.86	0.20 µg/L	5.00	97.2	80-115	1.26	20
Matrix Spike (T2E0711-MS1)	Source: 2D20003-01	Prepared: 05/07/12	Analyzed: 05/08/12				
Mercury	4.85	0.20 µg/L	5.00	ND	96.9	70-125	20
Matrix Spike (T2E0711-MS2)	Source: 2D27054-01	Prepared: 05/07/12	Analyzed: 05/08/12				
Mercury	5.05	0.20 µg/L	5.00	ND	101	70-125	20



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 Fresno CA, 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0711

Matrix Spike Dup (T2E0711-MSD1)		Source: 2D20003-01		Prepared: 05/07/12 Analyzed: 05/08/12						
Mercury		5.05	0.20	µg/L	5.00	ND	101	70-125	4.04	20
Matrix Spike Dup (T2E0711-MSD2)		Source: 2D27054-01		Prepared: 05/07/12 Analyzed: 05/08/12						
Mercury		5.44	0.20	µg/L	5.00	ND	109	70-125	7.40	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2D27046
PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: L. CORTER	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER: M.C.W.D.
COMPANY: M.C.W.D.	COMPANY:	
ADDRESS: 3580 S FRANK FRESNO, CA 93725	ADDRESS: SAME	
PHONE: 59485 7353	PHONE:	
FAX: 59485 7319	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPES	SIGNATURE: <i>[Signature]</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 G - GRAB, C - COMPOSITE	CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
<input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL	<input type="checkbox"/> RUSH, DUE ON: <input type="checkbox"/> STANDARD		ANALYSIS REQUESTED

NOTES ON RECEIVED CONDITION:

LAB USE

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

CLIENT SAMPLE ID	DATE	TIME	TYPE	LAB USE
1 FRESNO T.W.	4/27			
4190 BASLEY	4/27			

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		4/27	19:15	<i>[Signature]</i>	MCA

2027046

Sample Integrity

Pg 2 of 3

Date Received: 04/27/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Y N

Section 2-Sampled Previously
 Sample Transport: CAO UPS Walk-In MTA Courier GSO Fed Ex Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact: Y or N

Section 3-COC Info.	Completed		Info. From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Init: _____

Was Client Service Supervisor notified of discrepancies: Yes No N/A Notified by: _____

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

2027696

Sample Integrity

Pg 3 of 3

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received	1		
Bacti 100mL Thiosulfate			
None Plastic	2C		
HNO3 Plastic	1A		
H2SO4 Plastic	1B		
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None	1		
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1 L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			

Page 4 of 4

FL-SC-0003-01 b



2527 Fresno Street
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California ELAP Certificate #1371

May 14, 2012

Work Order #: 2D26049

Chris Lopez
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 04/26/12. For your reference, these analyses have been assigned laboratory work order number 2D26049.

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 that reads 'Lisa Montijo'. The signature is written in a cursive, flowing style.

Lisa Montijo
Client Services Assistant



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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno T.W. 4190 Basley	2D26049-01	Waste Water	04/26/12 00:00	04/26/12 16:15

Analytical Report for Work Order 2D26049

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno T.W. 4190 Basley		Sampled: 04/26/12 00:00 2D26049-01 (Waste Water)								
Ammonia as N		ND	1.0	0.48	mg/L	1	T2E1007	05/10/12	05/10/12	EPA 350.1
Total Dissolved Solids		1200	200	160	mg/L	20	T2E0112	05/01/12	05/03/12	SM 2540C
Chlorine Residual (In Lab Analysis)		ND	0.10	0.10	mg/L	1	T2D2619	04/26/12	04/26/12	SM4500-Cl F
pH		6.9	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		13	0.50	0.31	mg/L	10	T2D3008	04/27/12	04/27/12	SM5540C
Arsenic		4.4	1.0	0.15	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Cadmium		ND	0.20	0.079	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Chromium		11	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Copper		13	2.0	0.094	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Lead	J	0.16	0.50	0.029	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Molybdenum		9.6	1.0	0.025	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Nickel		21	1.0	0.039	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Selenium	J	0.76	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Zinc		78	5.0	3.0	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Mercury		ND	0.20	0.062	µg/L	1	T2E0301	05/03/12	05/03/12	EPA 245.1

Notes and Definitions

- RPD The RPD result exceeded the QC control limits. However, both percent recoveries were acceptable.
 - J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - ug/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- 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.



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2619

Blank (T2D2619-BLK1)		Prepared & Analyzed: 04/26/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2D2619-DUP1)		Source: 2D26041-01		Prepared & Analyzed: 04/26/12						
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2D2703

LCS (T2D2703-BS1)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS (T2D2703-BS2)		Prepared & Analyzed: 04/27/12								
pH		6.98	0.10	pH Units	7.00		99.7	80-120		20
LCS (T2D2703-BS3)		Prepared & Analyzed: 04/27/12								
		7.00	0.10	pH Units	7.00		100	80-120		20
LCS (T2D2703-BS4)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS Dup (T2D2703-BSD1)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
LCS Dup (T2D2703-BSD2)		Prepared & Analyzed: 04/27/12								
pH		6.98	0.10	pH Units	7.00		99.7	80-120	0.00	20
LCS Dup (T2D2703-BSD3)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.143	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported: 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2703

LCS Dup (T2D2703-BSD4)		Prepared & Analyzed: 04/27/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
Duplicate (T2D2703-DUP1)		Source: 2D26006-01 Prepared & Analyzed: 04/27/12								
pH		7.71	0.10	pH Units	7.70				0.130	20
Duplicate (T2D2703-DUP2)		Source: 2D26017-03 Prepared & Analyzed: 04/27/12								
pH		7.15	0.10	pH Units	7.14				0.140	20
Duplicate (T2D2703-DUP3)		Source: 2D26032-05 Prepared & Analyzed: 04/27/12								
pH		8.51	0.10	pH Units	8.54				0.352	20
Duplicate (T2D2703-DUP4)		Source: 2D26035-02 Prepared & Analyzed: 04/27/12								
pH		8.48	0.10	pH Units	8.50				0.236	20
Duplicate (T2D2703-DUP5)		Source: 2D26050-01 Prepared & Analyzed: 04/27/12								
pH		7.36	0.10	pH Units	7.34				0.272	20
Duplicate (T2D2703-DUP6)		Source: 2D27017-03 Prepared & Analyzed: 04/27/12								
pH		6.38	0.10	pH Units	7.41				14.9	20
Duplicate (T2D2703-DUP7)		Source: 2D27053-01 Prepared & Analyzed: 04/27/12								
pH		8.47	0.10	pH Units	8.46				0.118	20

Batch T2D3008

Blank (T2D3008-BLK1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		ND	0.050	mg/L						



2527 Fresno Street
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 (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: Chris Lopez

Reported:
 05/14/2012

Inorganics - Quality Control

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

Batch T2D3008

LCS (T2D3008-BS1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		0.945	0.050	mg/L	1.00		94.5	80-120		20
LCS Dup (T2D3008-BSD1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		0.925	0.050	mg/L	1.00		92.5	80-120	2.14	20
Matrix Spike (T2D3008-MS1)		Source: 2D27058-01		Prepared & Analyzed: 04/27/12						
Methylene Blue Active Substances		1.02	0.050	mg/L	1.00	ND	102	80-120		20
Matrix Spike Dup (T2D3008-MSD1)		Source: 2D27058-01		Prepared & Analyzed: 04/27/12						
Methylene Blue Active Substances		1.03	0.050	mg/L	1.00	ND	103	80-120	0.487	20

Batch T2E0112

Blank (T2E0112-BLK1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		ND	10	mg/L						
LCS (T2E0112-BS1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120		20
LCS Dup (T2E0112-BSD1)		Prepared: 05/01/12 Analyzed: 05/03/12								
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120	0.00	20
Duplicate (T2E0112-DUP1)		Source: 2D26032-12		Prepared: 05/01/12 Analyzed: 05/03/12						
Total Dissolved Solids		34.0	10	mg/L		33.0			2.99	20
Duplicate (T2E0112-DUP2)		Source: 2D27018-03		Prepared: 05/01/12 Analyzed: 05/03/12						
Total Dissolved Solids		198	10	mg/L		192			2.82	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported: 05/14/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E1007

Blank (T2E1007-BLK1)		Prepared & Analyzed: 05/10/12								
Ammonia as N		ND	1.0	mg/L						
LCS (T2E1007-BS1)		Prepared & Analyzed: 05/10/12								
Ammonia as N		22.1	1.0	mg/L	22.5		98.1	80-120		20
LCS Dup (T2E1007-BSD1)		Prepared & Analyzed: 05/10/12								
Ammonia as N		22.1	1.0	mg/L	22.5		98.4	80-120	0.271	20
Matrix Spike (T2E1007-MS1)		Source: 2D27048-01		Prepared & Analyzed: 05/10/12						
Ammonia as N		21.8	1.0	mg/L	22.5	ND	97.1	80-120		20
Matrix Spike Dup (T2E1007-MSD1)		Source: 2D27048-01		Prepared & Analyzed: 05/10/12						
Ammonia as N	RPD	26.8	1.0	mg/L	22.5	ND	119	80-120	20.5	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0103

Blank (T2E0103-BLK1)

Prepared & Analyzed: 05/01/12

Arsenic		ND	1.0	µg/L						
Molybdenum		ND	1.0	"						
Cadmium		ND	0.20	"						
Chromium		ND	1.0	"						
Copper	J	0.137	2.0	"						
Nickel		ND	1.0	"						
Selenium		ND	1.0	"						
Lead		ND	0.50	"						
Zinc		ND	5.0	"						

LCS (T2E0103-BS1)

Prepared & Analyzed: 05/01/12

Selenium		49.9	1.0	µg/L	50.0		99.8	85-115	0.874	20
Zinc		52.1	5.0	"	50.0		104	85-115	0.324	20
Copper		50.5	2.0	"	50.0		101	85-115	0.124	20
Lead		49	0.50	"	50.0		97.1	85-115	0.0389	20
Chromium		50.4	1.0	"	50.0		101	85-115	0.0793	20
Arsenic		50.0	1.0	"	50.0		100	85-115	0.272	20
Nickel		50.4	1.0	"	50.0		101	85-115	0.0853	20
Cadmium		49.2	0.20	"	50.0		98.4	85-115	0.765	20
Molybdenum		49.5	1.0	"	50.0		99.0	85-115		

LCS Dup (T2E0103-BSD1)

Prepared & Analyzed: 05/01/12

Cadmium		49.6	0.20	µg/L	50.0		99.2	85-115	0.874	20
Lead		49	0.50	"	50.0		97.1	85-115	0.0143	20
Zinc		52.3	5.0	"	50.0		105	85-115	0.324	20
Molybdenum		49.5	1.0	"	50.0		99.1	85-115	0.124	20
Nickel		50.4	1.0	"	50.0		101	85-115	0.0389	20
Selenium		49.9	1.0	"	50.0		99.9	85-115	0.0793	20
Arsenic		49.8	1.0	"	50.0		99.7	85-115	0.272	20
Chromium		50.4	1.0	"	50.0		101	85-115	0.0853	20
Copper		50.1	2.0	"	50.0		100	85-115	0.765	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0103

Matrix Spike (T2E0103-MS1)		Source: 2D26051-01			Prepared & Analyzed: 05/01/12					
Arsenic		55	1.0	µg/L	50.0	6.9	95.7	70-130		20
Molybdenum		55	1.0	"	50.0	3.5	104	70-130		20
Zinc		48	5.0	"	50.0	ND	96.4	75-125		20
Copper		48	2.0	"	50.0	1.7	92.2	70-130		20
Selenium		44	1.0	"	50.0	ND	87.8	70-130		20
Chromium		49	1.0	"	50.0	0.38	96.6	70-130		20
Nickel		47	1.0	"	50.0	0.23	94.0	75-125		20
Cadmium		49	0.20	"	50.0	ND	97.8	70-130		20
Lead		46	0.50	"	50.0	ND	91.9	70-130		20

Matrix Spike (T2E0103-MS2)		Source: 2D30056-01			Prepared & Analyzed: 05/01/12					
Zinc		52	5.0	µg/L	50.0	4.2	96.1	75-125		20
Selenium		47	1.0	"	50.0	ND	93.8	70-130		20
Nickel		49	1.0	"	50.0	0.54	97.4	75-125		20
Molybdenum		54	1.0	"	50.0	2.2	104	70-130		20
Lead		46	0.50	"	50.0	0.19	92.3	70-130		20
Cadmium		49	0.20	"	50.0	ND	98.9	70-130		20
Arsenic		52	1.0	"	50.0	3.3	98.3	70-130		20
Copper		50	2.0	"	50.0	2.3	95.4	70-130		20
Chromium		51	1.0	"	50.0	0.38	102	70-130		20

Matrix Spike Dup (T2E0103-MSD1)		Source: 2D26051-01			Prepared & Analyzed: 05/01/12					
Copper		49	2.0	µg/L	50.0	1.7	93.9	70-130	1.78	20
Nickel		48	1.0	"	50.0	0.23	95.2	75-125	1.31	20
Molybdenum		56	1.0	"	50.0	3.5	105	70-130	1.18	20
Arsenic		55	1.0	"	50.0	6.9	96.5	70-130	0.697	20
Chromium		49	1.0	"	50.0	0.38	98.1	70-130	1.56	20
Zinc		48	5.0	"	50.0	ND	96.2	75-125	0.206	20
Lead		46	0.50	"	50.0	ND	91.3	70-130	0.631	20
Selenium		45	1.0	"	50.0	ND	89.8	70-130	2.28	20
Cadmium		49	0.20	"	50.0	ND	98.5	70-130	0.738	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/14/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0301

Blank (T2E0301-BLK1)		Prepared & Analyzed: 05/03/12								
Mercury		ND	0.20	µg/L						
LCS (T2E0301-BS1)		Prepared & Analyzed: 05/03/12								
Mercury		4.85	0.20	µg/L	5.00		97.0	80-115		20
LCS Dup (T2E0301-BSD1)		Prepared & Analyzed: 05/03/12								
Mercury		5.12	0.20	µg/L	5.00		102	80-115	5.47	20
Duplicate (T2E0301-DUP1)		Source: 2D11035-09		Prepared & Analyzed: 05/03/12						
Mercury		5.09	0.20	µg/L		5.24			3.08	20
Matrix Spike (T2E0301-MS1)		Source: 2E01009-01		Prepared & Analyzed: 05/03/12						
Mercury		5.81	0.20	µg/L	5.00	ND	116	70-125		20
Matrix Spike (T2E0301-MS2)		Source: 2E01010-01		Prepared & Analyzed: 05/03/12						
Mercury		6.04	0.20	µg/L	5.00	ND	121	70-125		20
Matrix Spike Dup (T2E0301-MSD1)		Source: 2E01009-01		Prepared & Analyzed: 05/03/12						
Mercury		5.47	0.20	µg/L	5.00	ND	109	70-125	6.15	20
Matrix Spike Dup (T2E0301-MSD2)		Source: 2E01010-01		Prepared & Analyzed: 05/03/12						
Mercury		5.66	0.20	µg/L	5.00	ND	113	70-125	6.39	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2026049

PAGE 1 **OF** 3

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: L. CORTES	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER:
COMPANY: MCWD	COMPANY:	
ADDRESS: 3550 S FRANK FRESNO CA 93725	ADDRESS: SAME	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7319	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): SIGNATURE:	SAMPLE TYPES: SOLIDS: 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 G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
--	---	---

TURN AROUND TIME: RUSH, DUE ON: STANDARD

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	LAB USE
	1	2	3	4				
	1 FRESNO A.W. 4190 BASKY				4/26			

ANALYSIS REQUESTED

AMMONIA
CHLORINE
OP
METALS
TA
TDS
TSS
SOUTHCAL

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		6/12/12	1615		MCWD

2026049

Sample Integrity

Pg

2 of 3

Date Received: 04/26/12

Section 1-Sampled Same Day			
Sample Transport:	<u>Walk In</u>	MTA Courier	Transported In: Ice Chest <u>Box</u> Hand
Has Chilling Begun?	<u>Y</u>	N	

Section 2-Sampled Previously							
Sample Transport:	CAO	UPS	Walk-In	MTA Courier	GSO	Fed Ex	Other: _____
No. Coolers/Ice Chests:	Temperature(s):						
Was Temperature In Range:	<u>Y</u> or N	Received On Ice:		<u>Wet</u>	<u>Blue</u>		
Describe type of packing materials:	Bubble	Wrap	Foam	Packing	Peanuts	Paper	Other: _____
Were ice chest custody seals present?	<u>Y</u> or N	Intact:		<u>Y</u> or N			

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<u>/</u>			Analysis Requested	<u>/</u>	
Date Sampled	<u>/</u>			Any hold times less than 72hr	<u>/</u>	
Time Sampled	<u>/</u>			Client Name	<u>/</u>	
Sample ID	<u>/</u>			Address	<u>/</u>	
Special Storage/Handling Ins.		<u>/</u>		Telephone #	<u>/</u>	

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<u>/</u>			
Were bottle custody seals present?			<u>/</u>	
Were bottle custody seals intact?			<u>/</u>	
Did all bottle labels agree with COC?:	<u>/</u>			
Were correct containers used for the tests requested?:	<u>/</u>			
Was a sufficient amount of sample sent for tests indicated?:	<u>/</u>			
Were bubbles present in VOA Vials?: (Volatiles Methods Only)			<u>/</u>	
Were Ascorbic Acid Bottles received with the VOAs			<u>/</u>	

Section 5-Comments/Discrepancies			
Sample(s) Split/Preserve:	<u>Yes</u> No	Container: <u>125mL</u>	Preservation: <u>ITAD3</u> Init: <u>JK</u>
Was Client Service Supervisor notified of discrepancies: Yes <u>NO</u> N/A Notified by:			
Explanations/Comments			
Report Comment Entered:			

Labeled by: _____ Checked by: _____

2026049

Sample Integrity

Pg 3 of 3

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received	1		
Bacti 100mL Thiosulfate			
None Plastic	20		
HNO3 Plastic	7A		
H2SO4 Plastic	1B		
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None	1		
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1. L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			



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California ELAP Certificate #1371

May 10, 2012

Work Order #: 2D25030

Chris Lopez
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 04/25/12 . For your reference, these analyses have been assigned laboratory work order number 2D25030 .

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 that reads 'Lisa Montijo' in a cursive script.

Lisa Montijo
Client Services Assistant



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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/10/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno T.W. 4190 Barley	2D25030-01	Waste Water	04/25/12 10:00	04/25/12 15:55

Analytical Report for Work Order 2D25030

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno T.W. 4190 Barley										
Sampled: 04/25/12 10:00 2D25030-01 (Waste Water)										
Ammonia as N		ND	1.0	0.48	mg/L	1	T2E0908	05/09/12	05/09/12	EPA 350.1
Total Dissolved Solids		230	10	8.1	mg/L	1	T2D2801	04/28/12	05/02/12	SM 2540C
Chlorine Residual (In Lab Analysis)	HT2	ND	0.10	0.10	mg/L	1	T2D2610	04/26/12	04/26/12	SM4500-Cl F
pH		7.7	0.10	0.10	pH Units	1	T2D2606	04/26/12	04/26/12	SM4500-H B
Methylene Blue Active Substances		0.58	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		2.2	1.0	0.15	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Cadmium		ND	0.20	0.079	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Chromium		3.9	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper	J	1.4	2.0	0.094	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Molybdenum		2.1	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Nickel	J	0.72	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium	J	0.34	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		16	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury		ND	0.20	0.062	µg/L	1	T2D3001	04/30/12	04/30/12	EPA 245.1

Notes and Definitions

- MS3 Recovery for this analyte was biased low; associated blank spike recoveries are within range.
 - MS2 Recovery for this analyte was biased high; associated blank spike recoveries are within range.
 - J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - HT2 This sample was analyzed past the EPA recommended holding time for this parameter due to late delivery of the sample to the laboratory.
 - B A detectable amount of this analyte was observed in the method blank.
 - 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.



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Malaga County Water District
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 Fresno CA, 93725

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/10/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2606

LCS (T2D2606-BS1)		Prepared & Analyzed: 04/26/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
LCS Dup (T2D2606-BSD1)		Prepared & Analyzed: 04/26/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.00	20
Duplicate (T2D2606-DUP1)		Source: 2D25014-01		Prepared & Analyzed: 04/26/12						
pH		6.67	0.10	pH Units		6.67			0.00	20
Duplicate (T2D2606-DUP2)		Source: 2D25031-01		Prepared & Analyzed: 04/26/12						
pH		7.75	0.10	pH Units		7.76			0.129	20

Batch T2D2610

Blank (T2D2610-BLK1)		Prepared & Analyzed: 04/26/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2D2610-DUP1)		Source: 2D25029-01		Prepared & Analyzed: 04/26/12						
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2D2704

Blank (T2D2704-BLK1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		ND	0.050	mg/L						
LCS (T2D2704-BS1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		0.948	0.050	mg/L	1.00		94.8	80-120		20



2527 Fresno Street
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 (559) 268-7021 Phone
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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: Chris Lopez

Reported:
 05/10/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2704

LCS Dup (T2D2704-BSD1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		0.963	0.050	mg/L	1.00		96.3	80-120	1.57	20
Matrix Spike (T2D2704-MS1)		Source: 2D25029-01		Prepared & Analyzed: 04/27/12						
Methylene Blue Active Substances		1.60	0.050	mg/L	1.00	0.610	99.0	80-120		20
Matrix Spike (T2D2704-MS2)		Source: 2D26041-01		Prepared & Analyzed: 04/27/12						
Methylene Blue Active Substances		1.02	0.050	mg/L	1.00	ND	102	80-120		20
Matrix Spike Dup (T2D2704-MSD1)		Source: 2D25029-01		Prepared & Analyzed: 04/27/12						
Methylene Blue Active Substances		1.55	0.050	mg/L	1.00	0.610	93.8	80-120	3.30	20
Matrix Spike Dup (T2D2704-MSD2)		Source: 2D26041-01		Prepared & Analyzed: 04/27/12						
Methylene Blue Active Substances		1.03	0.050	mg/L	1.00	ND	103	80-120	0.781	20

Batch T2D2801

Blank (T2D2801-BLK1)		Prepared: 04/28/12 Analyzed: 05/02/12								
Total Dissolved Solids	B	19.5	10	mg/L						
LCS (T2D2801-BS1)		Prepared: 04/28/12 Analyzed: 05/02/12								
Total Dissolved Solids		254	10	mg/L	240		106	80-120		20
LCS Dup (T2D2801-BSD1)		Prepared: 04/28/12 Analyzed: 05/02/12								
Total Dissolved Solids		234	10	mg/L	240		97.5	80-120	8.20	20
Duplicate (T2D2801-DUP1)		Source: 2D25006-02		Prepared: 04/28/12 Analyzed: 05/02/12						
Total Dissolved Solids		83.0	10	mg/L		90.5			8.65	20



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Project: Malaga Sewer Plant
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Reported:
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Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2801

Duplicate (T2D2801-DUP2)		Source: 2D25006-08				Prepared: 04/28/12	Analyzed: 05/02/12			
Total Dissolved Solids		152	10	mg/L		158			3.86	20

Batch T2E0908

Blank (T2E0908-BLK1)						Prepared & Analyzed: 05/09/12				
Ammonia as N		ND	1.0	mg/L						

LCS (T2E0908-BS1)						Prepared & Analyzed: 05/09/12				
Ammonia as N		23.1	1.0	mg/L	22.5		102	80-120		20

LCS Dup (T2E0908-BSD1)						Prepared & Analyzed: 05/09/12				
Ammonia as N		21.9	1.0	mg/L	22.5		97.4	80-120	5.07	20

Matrix Spike (T2E0908-MS1)		Source: 2D25034-01				Prepared & Analyzed: 05/09/12				
Ammonia as N		24.7	1.0	mg/L	22.5	0.803	106	80-120		20

Matrix Spike (T2E0908-MS2)		Source: 2D26032-01				Prepared & Analyzed: 05/09/12				
Ammonia as N		25.8	1.0	mg/L	22.5	0.512	113	80-120		20

Matrix Spike Dup (T2E0908-MSD1)		Source: 2D25034-01				Prepared & Analyzed: 05/09/12				
Ammonia as N		23.4	1.0	mg/L	22.5	0.803	100	80-120	5.74	20

Matrix Spike Dup (T2E0908-MSD2)		Source: 2D26032-01				Prepared & Analyzed: 05/09/12				
Ammonia as N		23.5	1.0	mg/L	22.5	0.512	102	80-120	9.57	20



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 Project Manager: Chris Lopez

Reported:
 05/10/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2709

Blank (T2D2709-BLK1)

Prepared: 04/27/12 Analyzed: 05/01/12

Chromium		ND	1.0	µg/L						
Copper		ND	2.0	"						
Selenium		ND	1.0	"						
Molybdenum	J	0.0323	1.0	"						
Lead		ND	0.50	"						
Nickel	J	0.153	1.0	"						
Cadmium		ND	0.20	"						
Zinc		ND	5.0	"						
Arsenic		ND	1.0	"						

LCS (T2D2709-BS1)

Prepared: 04/27/12 Analyzed: 05/01/12

Molybdenum		48.0	1.0	µg/L	50.0		96.0	85-115		20
Selenium		48.2	1.0	"	50.0		96.5	85-115		20
Zinc		51.6	5.0	"	50.0		103	85-115		20
Copper		49.0	2.0	"	50.0		97.9	85-115		20
Chromium		49.4	1.0	"	50.0		98.8	85-115		20
Cadmium		48.5	0.20	"	50.0		96.9	85-115		20
Lead		48	0.50	"	50.0		95.6	85-115		20
Arsenic		48.5	1.0	"	50.0		96.9	85-115		20
Nickel		49.2	1.0	"	50.0		98.4	85-115		20

LCS Dup (T2D2709-BSD1)

Prepared: 04/27/12 Analyzed: 05/01/12

Cadmium		48.0	0.20	µg/L	50.0		96.1	85-115	0.856	20
Nickel		48.6	1.0	"	50.0		97.2	85-115	1.26	20
Lead		48	0.50	"	50.0		95.1	85-115	0.590	20
Copper		48.8	2.0	"	50.0		97.5	85-115	0.443	20
Arsenic		48.5	1.0	"	50.0		96.9	85-115	0.0210	20
Chromium		49.3	1.0	"	50.0		98.6	85-115	0.214	20
Molybdenum		47.6	1.0	"	50.0		95.3	85-115	0.791	20
Zinc		50.8	5.0	"	50.0		102	85-115	1.51	20
Selenium		47.9	1.0	"	50.0		95.9	85-115	0.589	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/10/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2709

Matrix Spike (T2D2709-MS1)	Source: 2D24027-01	Prepared: 04/27/12	Analyzed: 05/01/12					
Molybdenum	58	1.0	µg/L	50.0	6.2	103	70-130	20
Nickel	50	1.0	"	50.0	2.3	96.0	75-125	20
Lead	45	0.50	"	50.0	ND	90.7	70-130	20
Chromium	51	1.0	"	50.0	0.43	101	70-130	20
Selenium	40	1.0	"	50.0	0.21	80.2	70-130	20
Cadmium	45	0.20	"	50.0	ND	89.7	70-130	20
Arsenic	47	1.0	"	50.0	1.2	91.8	70-130	20
Zinc	190	5.0	"	50.0	150	77.3	75-125	20
Copper	47	2.0	"	50.0	0.96	92.1	70-130	20

Matrix Spike (T2D2709-MS2)	Source: 2D25032-01	Prepared: 04/27/12	Analyzed: 05/01/12					
Selenium	45	1.0	µg/L	50.0	0.73	87.7	70-130	20
Cadmium	47	0.20	"	50.0	ND	93.5	70-130	20
Arsenic	81	5.0	"	50.0	130	NR	75-125	20
Arsenic	53	1.0	"	50.0	1.4	104	70-130	20
Copper	230	2.0	"	50.0	8.3	438	70-130	20
Nickel	48	1.0	"	50.0	2.3	91.8	75-125	20
Chromium	59	1.0	"	50.0	0.25	117	70-130	20
Molybdenum	57	1.0	"	50.0	10	93.7	70-130	20
Lead	46	0.50	"	50.0	0.13	90.9	70-130	20

Matrix Spike Dup (T2D2709-MSD1)	Source: 2D24027-01	Prepared: 04/27/12	Analyzed: 05/01/12						
Zinc	190	5.0	µg/L	50.0	150	79.4	75-125	0.552	20
Nickel	52	1.0	"	50.0	2.3	99.0	75-125	2.90	20
Selenium	42	1.0	"	50.0	0.21	83.6	70-130	4.09	20
Copper	48	2.0	"	50.0	0.96	94.6	70-130	2.56	20
Arsenic	49	1.0	"	50.0	1.2	96.2	70-130	4.62	20
Lead	46	0.50	"	50.0	ND	91.0	70-130	0.305	20
Chromium	52	1.0	"	50.0	0.43	104	70-130	2.95	20
Molybdenum	58	1.0	"	50.0	6.2	104	70-130	1.64	20
Cadmium	46	0.20	"	50.0	ND	92.0	70-130	2.53	20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported: 05/10/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2709

Matrix Spike Dup (T2D2709-MSD2)		Source: 2D25032-01			Prepared: 04/27/12 Analyzed: 05/01/12					
Selenium		44	1.0	µg/L	50.0	0.73	87.1	70-130	0.647	20
Zinc	MS3	81	5.0	"	50.0	130	NR	75-125	0.342	20
Molybdenum		57	1.0	"	50.0	10	92.7	70-130	0.918	20
Chromium		58	1.0	"	50.0	0.25	116	70-130	0.817	20
Nickel		48	1.0	"	50.0	2.3	91.2	75-125	0.594	20
Copper	MS2	230	2.0	"	50.0	8.3	435	70-130	0.818	20
Arsenic		53	1.0	"	50.0	1.4	102	70-130	1.41	20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130	0.0193	20
Lead		46	0.50	"	50.0	0.13	91.4	70-130	0.514	20

Batch T2D3001

Blank (T2D3001-BLK1)					Prepared & Analyzed: 04/30/12					
Mercury	J	0.144	0.20	µg/L						
LCS (T2D3001-BS1)					Prepared & Analyzed: 04/30/12					
Mercury		5.59	0.20	µg/L	5.00		112	80-115		20
LCS Dup (T2D3001-BSD1)					Prepared & Analyzed: 04/30/12					
Mercury		5.16	0.20	µg/L	5.00		103	80-115	8.07	20
Matrix Spike (T2D3001-MS1)		Source: 2D25012-04			Prepared & Analyzed: 04/30/12					
Mercury		4.22	0.20	µg/L	5.00	ND	84.4	70-125		20
Matrix Spike (T2D3001-MS2)		Source: 2D26013-01			Prepared & Analyzed: 04/30/12					
Mercury		4.74	0.20	µg/L	5.00	0.230	90.3	70-125		20



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Reported:
 05/10/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D3001

Matrix Spike Dup (T2D3001-MSD1)		Source: 2D25012-04		Prepared & Analyzed: 04/30/12							
Mercury		4.27	0.20	µg/L	5.00	ND	85.5	70-125	1.27	20	
Matrix Spike Dup (T2D3001-MSD2)		Source: 2D26013-01		Prepared & Analyzed: 04/30/12							
Mercury		4.96	0.20	µg/L	5.00	0.230	94.7	70-125	4.53	20	



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #:

PAGE 1 OF 3 2025030

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: MARIS LOPES	CONTACT: F. CORTAZ	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER:
COMPANY: MCWD	COMPANY:	
ADDRESS: 3580 S. FRANK	ADDRESS: SAME	
FRESNO CA. 93425	PHONE:	
PHONE: 559-485-7353	FAX:	
FAX: 559-485-7319		

SAMPLE INFORMATION

SAMPLE TYPES:

PROJECT INFORMATION

SAMPLED BY (PRINT): **MARIS LOPES**

SIGNATURE: *[Signature]*

PUBLIC SYSTEM ROUTINE
 PRIVATE WELL REPEAT
 OTHER SPECIAL

- 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
 G - GRAB, C - COMPOSITE

CONTRACT/P.O. NO.:

PROJECT:

PROJECT NUMBER:

PROJECT MANAGER:

TURN AROUND TIME: RUSH, DUE ON: _____

STANDARD

ANALYSIS REQUESTED

AMMONIA
 CHLORINE
 COP.
 METALS
 F.A.
 TDS
 P.H
 SURFACTANTS

NOTES ON RECEIVED CONDITION:

LAB USE

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

CLIENT SAMPLE ID	DATE	TIME	TYPE	LAB USE
1 FRESNO T.W.	4/3	10AM		
4190 BARLEY	4/3			

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		04/25/12			
			1555	<i>[Signature]</i>	MA

2025030

Sample Integrity Pg 2 of 3

Date Received: 04/25/12

Section 1-Sampled Same Day	
Sample Transport: <u>Walk In</u> MTA Courier	Transported In: Ice Chest <u>Box</u> Hand
Has Chilling Begun? <u>Y</u>	<u>N</u>

Section 2-Sampled Previously	
Sample Transport: CAO UPS	Walk-In MTA Courier GSO Fed Ex Other: _____
No. Coolers/Ice Chests: _____	Temperature(s): _____
Was Temperature In Range: <u>Y</u> or <u>N</u>	Received On Ice: <u>Wet</u> <u>Blue</u>
Describe type of packing materials: Bubble Wrap Foam	Packing Peanuts Paper Other: _____
Were ice chest custody seals present? <u>Y</u> or <u>N</u>	Intact: <u>Y</u> or <u>N</u>

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<input checked="" type="checkbox"/>			Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>			Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>			Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>			Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>			Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>			
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials?: (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs			<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies	
Sample(s) Split/Preserve: <u>Yes</u> No	Container: <u>125 ml P</u> Preservation: <u>Atmos</u> Init: <u>J</u>
Was Client Service Supervisor notified of discrepancies: Yes <u>NO</u> N/A Notified by:	
Explanations/Comments	
Report Comment Entered:	

Labeled by: _____ Checked by: _____

2025030

Sample Integrity

Pg 3 of 3

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received	1		
Bacti 100mL Thiosulfate			
None Plastic	22		
HNO3 Plastic	14		
H2SO4 Plastic	13		
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None	1		
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1 L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			



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California ELAP Certificate #1371

July 17, 2012

Work Order #: 2G12027

Chris Lopes
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 07/12/12 . For your reference, these analyses have been assigned laboratory work order number 2G12027 .

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 that reads 'Lisa Montijo'. The signature is written in a cursive, flowing style.

Lisa Montijo
Client Services Assistant



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

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Chris Lopes

Reported:
07/17/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash	2G12027-01	Water	07/12/12 14:30	07/12/12 15:40



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 07/17/2012

Analytical Report for Work Order 2G12027

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Fresno Truck Wash							Sampled: 07/12/12 14:30 2G12027-01 (Water)				
Turbidity		120	0.40	0.080	NTU	4	T2G1314	07/13/12	07/13/12	EPA 180.1	
Specific Conductance (EC)		18000	1.0	1.0	µS/cm	1	T2G1303	07/13/12	07/13/12	SM2510B	

Notes and Definitions

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



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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported: 07/17/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2G1303 - SM2510B

LCS (T2G1303-BS1)		Prepared & Analyzed: 07/13/12								
Specific Conductance (EC)		511	1.0	µS/cm	500		102	80-120		20
LCS (T2G1303-BS2)		Prepared & Analyzed: 07/13/12								
Specific Conductance (EC)		510	1.0	µS/cm	500		102	80-120		20
LCS Dup (T2G1303-BSD1)		Prepared & Analyzed: 07/13/12								
Specific Conductance (EC)		513	1.0	µS/cm	500		103	80-120	0.391	20
LCS Dup (T2G1303-BSD2)		Prepared & Analyzed: 07/13/12								
Specific Conductance (EC)		511	1.0	µS/cm	500		102	80-120	0.196	20
Duplicate (T2G1303-DUP1)		Source: 2G11028-01		Prepared & Analyzed: 07/13/12						
Specific Conductance (EC)		796	1.0	µS/cm		801			0.626	20
Duplicate (T2G1303-DUP2)		Source: 2G12012-03		Prepared & Analyzed: 07/13/12						
Specific Conductance (EC)		1200	1.0	µS/cm		1200			0.00	20
Duplicate (T2G1303-DUP3)		Source: 2G13025-01		Prepared & Analyzed: 07/13/12						
Specific Conductance (EC)		237	1.0	µS/cm		236			0.169	20

Batch T2G1314 - EPA 180.1

Blank (T2G1314-BLK1)		Prepared & Analyzed: 07/13/12								
Turbidity	J	0.0200	0.10	NTU						
LCS (T2G1314-BS1)		Prepared & Analyzed: 07/13/12								
Turbidity		9.83	0.10	NTU	10.0		98.3	80-120		20
LCS Dup (T2G1314-BSD1)		Prepared & Analyzed: 07/13/12								
Turbidity		9.94	0.10	NTU	10.0		99.4	80-120	1.11	20
Duplicate (T2G1314-DUP1)		Source: 2G12017-01		Prepared & Analyzed: 07/13/12						
Turbidity	J	0.0700	0.10	NTU		0.0500			33.3	20

Sample Integrity

Page 23 of 33 WOH# 2612027 Date Received: 7/12/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Any hold times less than 72hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bottle custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Bottle custody seals intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials? (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____

Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 33 of 3

WO# 2612027 MTA Bottles Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received			
Bacteriostatic			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH / 1L			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 515, 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio			
40mL (AG VOA) Thio + K Citrate 532			
40mL VOA Vial HCl			
40mL VOA Vial - None			
40mL VOA Vial H2SO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial Na2SO5 (mg)			
Soil Jar Clear Glass 425mL, 250mL, 300mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Lead Bag			
Asbestos IL Plastic			
gross Alpha/Beta IL HNO3 each			
gross Alpha/Beta IL HNO3 each			
radon			
Low Level Hg/ Metals Double Bag			

Page 7 of 7



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

California ELAP Certificate #1371

July 31, 2012

Work Order #: 2G25039

Chris Lopes
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 07/25/12. For your reference, these analyses have been assigned laboratory work order number 2G25039.

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.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
07/31/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Center	2G25039-01	Water	07/24/12 11:00	07/25/12 15:00



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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: Chris Lopes

Reported:
 07/31/2012

Analytical Report for Work Order 2G25039

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Fresno Truck Center							Sampled: 07/24/12 11:00 2G25039-01 (Water)				
Turbidity		1400	4.0	0.80	NTU	40	T2G2511	07/25/12	07/25/12	EPA 180.1	
Specific Conductance (EC)		3800	1.0	1.0	µS/cm	1	T2G2605	07/26/12	07/26/12	SM2510B	

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.
 - 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.



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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: Chris Lopes

Reported:
 07/31/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2G2511 - EPA 180.1

LCS (T2G2511-BS1)		Prepared & Analyzed: 07/25/12								
Turbidity		9.66	0.10	NTU	10.0		96.6	80-120		20
LCS Dup (T2G2511-BSD1)		Prepared & Analyzed: 07/25/12								
Turbidity		9.63	0.10	NTU	10.0		96.3	80-120	0.311	20
Duplicate (T2G2511-DUP1)		Source: 2G25006-01		Prepared & Analyzed: 07/25/12						
Turbidity		0.130	0.10	NTU		0.150			14.3	20
Duplicate (T2G2511-DUP2)		Source: 2G25028-03		Prepared & Analyzed: 07/25/12						
Turbidity	DUPI, J	0.0900	0.10	NTU		0.0700			25.0	20

Batch T2G2605 - SM2510B

LCS (T2G2605-BS1)		Prepared & Analyzed: 07/26/12								
Specific Conductance (EC)		514	1.0	µS/cm	500		103	80-120		20
LCS (T2G2605-BS2)		Prepared & Analyzed: 07/26/12								
Specific Conductance (EC)		501	1.0	µS/cm	500		100	80-120		20
LCS Dup (T2G2605-BSD1)		Prepared & Analyzed: 07/26/12								
Specific Conductance (EC)		518	1.0	µS/cm	500		104	80-120	0.775	20
LCS Dup (T2G2605-BSD2)		Prepared & Analyzed: 07/26/12								
Specific Conductance (EC)		508	1.0	µS/cm	500		102	80-120	1.39	20
Duplicate (T2G2605-DUP1)		Source: 2G25014-01		Prepared & Analyzed: 07/26/12						
Specific Conductance (EC)		773	1.0	µS/cm		770			0.389	20
Duplicate (T2G2605-DUP2)		Source: 2G25022-04		Prepared & Analyzed: 07/26/12						
Specific Conductance (EC)		767	1.0	µS/cm		766			0.130	20
Duplicate (T2G2605-DUP3)		Source: 2G26013-01		Prepared & Analyzed: 07/26/12						
Specific Conductance (EC)		73.0	1.0	µS/cm		72.6			0.549	20

Section 1-Sampled Same Day

Sample Transport: Walk In ~~MTA Courier~~ Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously

Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: Walk-in
 No. Coolers/Ice Chests: Temperature(s): 27.9°C
 Was Temperature In Range: Y or (N) Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: N/A
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were Bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or (No) Container: Preservation: Initials:

Was Client Service Supervisor notified of discrepancies: Yes or (No) N/A Notified by:

Explanations/Comments:



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

California ELAP Certificate #1371

July 06, 2012

Work Order #: 2F29014

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 06/29/12. For your reference, these analyses have been assigned laboratory work order number 2F29014.

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 that reads 'Lisa Montijo'. The signature is written in a cursive, flowing style.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
07/06/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno T.W.	2F29014-01	Waste Water	06/29/12 10:40	06/29/12 12:30

California ELAP Certificate #1371

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

 Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

 Reported:
 07/06/2012

Analytical Report for Work Order 2F29014

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno T.W.						Sampled: 06/29/12 10:40 2F29014-01 (Waste Water)				
Turbidity		62	0.20	0.040	NTU	2	T2F2922	06/29/12	06/29/12	EPA 180.1
Specific Conductance (EC)		560	1.0	1.0	µS/cm	1	T2G0308	07/03/12	07/03/12	SM2510B

Notes and Definitions

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



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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: Chris Lopes

Reported:
 07/06/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
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Batch T2F2922 - EPA 180.1

Blank (T2F2922-BLK1)		Prepared & Analyzed: 06/29/12							
Turbidity	J	0.0400	0.10	NTU					
LCS (T2F2922-BS1)		Prepared & Analyzed: 06/29/12							
Turbidity		9.81	0.10	NTU	10.0		98.1	80-120	20
LCS Dup (T2F2922-BSD1)		Prepared & Analyzed: 06/29/12							
Turbidity		9.74	0.10	NTU	10.0		97.4	80-120	0.716 20
Duplicate (T2F2922-DUP1)		Source: 2F29009-01		Prepared & Analyzed: 06/29/12					
Turbidity		11.0	0.10	NTU		10.9		0.913	20

Batch T2G0308 - SM2510B

LCS (T2G0308-BS1)		Prepared & Analyzed: 07/03/12							
Specific Conductance (EC)		514	1.0	µS/cm	500		103	80-120	20
LCS (T2G0308-BS2)		Prepared & Analyzed: 07/03/12							
Specific Conductance (EC)		506	1.0	µS/cm	500		101	80-120	20
LCS Dup (T2G0308-BSD1)		Prepared & Analyzed: 07/03/12							
Specific Conductance (EC)		512	1.0	µS/cm	500		102	80-120	0.390 20
LCS Dup (T2G0308-BSD2)		Prepared & Analyzed: 07/03/12							
Specific Conductance (EC)		506	1.0	µS/cm	500		101	80-120	0.00 20
Duplicate (T2G0308-DUP1)		Source: 2F28035-12		Prepared & Analyzed: 07/03/12					
Specific Conductance (EC)		3.76	1.0	µS/cm		3.78		0.531	20
Duplicate (T2G0308-DUP2)		Source: 2G02004-01		Prepared & Analyzed: 07/03/12					
Specific Conductance (EC)		551	1.0	µS/cm		551		0.00	20
Duplicate (T2G0308-DUP3)		Source: 2G02035-01		Prepared & Analyzed: 07/03/12					
Specific Conductance (EC)		783	1.0	µS/cm		784		0.128	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2F29014
PAGE 1 **OF** 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: CHRIS LOPES	CONTACT: LAURIE COOPER	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input type="checkbox"/> OTHER:
COMPANY: MCWD	COMPANY:	
ADDRESS: 3580 S FRANK FRESNO CA 93725	ADDRESS: ← Same	
PHONE: 559 7353	PHONE:	
FAX: 559 7319	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPES	<input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.:
SIGNATURE: <i>Chris Lopes</i>		LIQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT:
TURN AROUND TIME: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH, DUE ON:			PROJECT NUMBER:
			PROJECT MANAGER:

A B U S E	NOTES ON RECEIVED CONDITION:				E.C. TURBIDITY	ANALYSIS REQUESTED						LAB USE
	<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								
	1 FRESNO T.W.	6/29/04										

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopes</i>		6/29/04	11:30	<i>[Signature]</i>	

Sample Integrity

Page 2 of 3

WO# 2729014

Date Received: 6/29/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr		<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?	<input checked="" type="checkbox"/>			
Were Bottle custody seals intact?	<input checked="" type="checkbox"/>			
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____
 Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2F29014

MTA Bottles (Yes) or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)							
Sample(s) Received	1									
Pack 100mL Thioc sulfate										
None Preserved Plastic	1A									
HNO3 Plastic										
H2SO4 Plastic										
NaOH Plastic										
300mL DO Bottle										
Other										
Client Own										
1L Plastic NaOH/ZnA										
250mL (AG) None										
250mL (AG) H2SO4										
250mL (AG) Thio 515, 547, 548										
250mL (AG) Other										
500mL Clear Glass None										
1L (AG) None										
1L (AG) HCl										
1L (AG) Thio										
40mL (AG VOA) Thio + K Citrate 532										
40mL VOA Vial - HCl										
40mL VOA Vial - None										
40mL VOA Vial - H3PO4										
40mL VOA Vial (AG) - thio (THM)										
40mL VOA Vial - Na2SO5 (thio)										
Standard Clear Glass 125mL, 250mL, 500mL										
THM 40mL VOA None										
Plastic Bag										
Soil Tube										
Leafar Bags										
Asbestos 1L Plastic										
Gross Alpha/Beta 1L HNO3 each										
Radiochemical 226/228 1L HNO3 each										
Radon										
Low Level Hg/ Metals Double Bag										

Page 7 of 7



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

California ELAP Certificate #1371

December 21, 2012

Work Order #: 2L19029

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 12/19/12 . For your reference, these analyses have been assigned laboratory work order number 2L19029.

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 that reads 'Lisa Montijo' in a cursive script.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
12/21/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725	2L19029-01	Waste Water	12/19/12 10:00	12/19/12 12:30



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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: Chris Lopes

Reported:
 12/21/2012

Analytical Report for Work Order 2L19029

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725						Sampled: 12/19/12 10:00 2L19029-01 (Waste Water)					
Turbidity		190	1.0	0.20	NTU	10	T2L2002	FSz	12/20/12 7:56	12/20/12 7:56	EPA 180.1
Specific Conductance (EC)		3000	1.0	0.26	µS/cm	1	T2L1904	DAR	12/19/12 19:42	12/19/12 19:42	SM2510B

Notes and Definitions

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



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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: Chris Lopes

Reported:
 12/21/2012

Inorganics - Quality Control

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

Batch T2L1904 - SM2510B

Blank (T2L1904-BLK1)		Prepared & Analyzed: 12/19/12								
Specific Conductance (EC)		ND	1.0	µS/cm						
LCS (T2L1904-BS1)		Prepared & Analyzed: 12/19/12								
Specific Conductance (EC)		507	1.0	µS/cm	500		101	80-120		20
LCS Dup (T2L1904-BSD1)		Prepared & Analyzed: 12/19/12								
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120	0.393	20
Duplicate (T2L1904-DUP1)		Source: 2L18018-02		Prepared & Analyzed: 12/19/12						
Specific Conductance (EC)		564	1.0	µS/cm		575			1.92	20
Duplicate (T2L1904-DUP2)		Source: 2L18024-01		Prepared & Analyzed: 12/19/12						
Specific Conductance (EC)		164	1.0	µS/cm		162			1.28	20

Batch T2L2002 - EPA 180.1

Blank (T2L2002-BLK1)		Prepared & Analyzed: 12/20/12								
Turbidity	J	0.0600	0.10	NTU						
LCS (T2L2002-BS1)		Prepared & Analyzed: 12/20/12								
Turbidity		20.2	0.10	NTU	20.0		101	80-120		20
LCS Dup (T2L2002-BSD1)		Prepared & Analyzed: 12/20/12								
Turbidity		20.2	0.10	NTU	20.0		101	80-120	0.00	20
Duplicate (T2L2002-DUP1)		Source: 2L19028-01		Prepared & Analyzed: 12/20/12						
Turbidity		0.240	0.10	NTU		0.250			4.08	20



ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORKORDER #:

PAGE 1 OF 3

2619029

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPEZ	ATTENTION: L. CORTES	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input checked="" type="checkbox"/> OTHER: <i>MCD</i>
NAME: MALAGA COUNTY W.D.	NAME:	
ADDRESS: 3580 S. FRANK ST.	ADDRESS:	
FRESNO CA. 93725	PHONE:	
PHONE: 559 485 7353	FAX:	
FAX: 559 485 7319		

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPEZ	SIGNATURE: <i>[Signature]</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.:
<input type="checkbox"/> PUBLIC SYSTEM	<input type="checkbox"/> ROUTINE		PROJECT:
<input type="checkbox"/> PRIVATE WELL	<input type="checkbox"/> REPEAT		PROJECT NUMBER:
<input type="checkbox"/> OTHER	<input type="checkbox"/> REPLACEMENT		PROJECT MANAGER:
TURN AROUND TIME:	<input type="checkbox"/> RUSH, DUE ON:		
<input checked="" type="checkbox"/> STANDARD			

L A B U S E	NOTES ON RECEIVED CONDITION:				F.C. Turbidity	ANALYSIS REQUESTED										System Number / Station Code
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN		<input type="checkbox"/> SAMPLE(S) DAMAGED													
<input type="checkbox"/> ON ICE		<input checked="" type="checkbox"/> AMBIENT TEMP.		<input type="checkbox"/> INCORRECT PRESERVATION												
CLIENT SAMPLE ID		DATE	TIME	TYPE												
	1 FRESNO TRUCK WASH		12/15	10 AM												
	4170 S. BAGLEY AVE.															
	FRESNO CA. 93725															

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		12/12/12	1230	<i>[Signature]</i>	<i>[Signature]</i>

Sample Integrity

Page 2 of 3

WO# 249029

Date Received: 12/19/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?		<input checked="" type="checkbox"/>		
Were bottle custody seals intact?		<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:



California ELAP Certificate #1371

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

December 05, 2012

Work Order #: 2L03053

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 12/03/12 . For your reference, these analyses have been assigned laboratory work order number 2L03053 .

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 that reads 'Lisa Montijo' in a cursive script.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
12/05/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725	2L03053-01	Waste Water	12/03/12 11:00	12/03/12 16:50



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: Chris Lopes

Reported:
 12/05/2012

Analytical Report for Work Order 2L03053

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725						Sampled: 12/03/12 11:00 2L03053-01 (Waste Water)					
Turbidity		330	1.0	0.20	NTU	10	T2L0404	FSz	12/4/12 9:06	12/4/12 9:06	EPA 180.1
Specific Conductance (EC)		890	1.0	0.26	µS/cm	1	T2L0405	DAR	12/4/12 18:30	12/4/12 18:30	SM2510B

Notes and Definitions

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



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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: Chris Lopes

Reported:
 12/05/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2L0404 - EPA 180.1

Blank (T2L0404-BLK1)		Prepared & Analyzed: 12/04/12								
Turbidity	J	0.0500	0.10	NTU						
LCS (T2L0404-BS1)		Prepared & Analyzed: 12/04/12								
Turbidity		20.1	0.10	NTU	20.0		100	80-120		20
LCS Dup (T2L0404-BSD1)		Prepared & Analyzed: 12/04/12								
Turbidity		20.1	0.10	NTU	20.0		100	80-120	0.00	20
Duplicate (T2L0404-DUP1)		Source: 2L03051-01		Prepared & Analyzed: 12/04/12						
Turbidity		155	0.50	NTU		156			0.0643	20

Batch T2L0405 - SM2510B

LCS (T2L0405-BS1)		Prepared & Analyzed: 12/04/12								
Specific Conductance (EC)		504	1.0	µS/cm	500		101	80-120		20
LCS Dup (T2L0405-BSD1)		Prepared & Analyzed: 12/04/12								
Specific Conductance (EC)		504	1.0	µS/cm	500		101	80-120	0.00	20
Duplicate (T2L0405-DUP1)		Source: 2L03027-01		Prepared & Analyzed: 12/04/12						
Specific Conductance (EC)		708	1.0	µS/cm		706			0.284	20
Duplicate (T2L0405-DUP2)		Source: 2L04006-01		Prepared & Analyzed: 12/04/12						
Specific Conductance (EC)		636	1.0	µS/cm		629			1.11	20

Sample Integrity

Page 2 of 3 WO# 2103053 Date Received: 12/3/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	X		Analysis Requested	X	
Date Sampled	X		Any hold times less than 72hr	X	
Time Sampled	X		Client Name	X	
Sample ID	X		Address	X	
Special Storage/Handling Ins.		X	Telephone #	X	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	X			
Were bottle custody seals present?		X		
Were bottle custody seals intact?		X		
Did all bottle labels agree with COC?	X			
Were correct containers used for the tests requested?	X			
Was sufficient amount of sample sent for tests indicated?	X			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			X	
Were Ascorbic Acid Bottles Received with VOAs?			X	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2L03053

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacti 100mL Thiosulfate			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125mL/250mL/500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/Metals Double Bag			



2527 Fresno Street
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California ELAP Certificate #1371

November 15, 2012

Work Order #: 2K06028

Chris Lopes
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 11/06/12 . For your reference, these analyses have been assigned laboratory work order number 2K06028 .

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
11/15/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725	2K06028-01	Water	11/06/12 12:30	11/06/12 15:45



2527 Fresno Street
 Fresno, CA 93721
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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: Chris Lopes

Reported:
 11/15/2012

Analytical Report for Work Order 2K06028

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
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Fresno Truck Wash 4170 S. Bagley Fresno CA 93725

Sampled: 11/06/12 12:30 2K06028-01 (Water)

Turbidity		570	2.0	0.40	NTU	20	T2K0711	FSz	11/7/12 10:37	11/7/12 12:05	EPA 180.1
Specific Conductance (EC)		1100	1.0	1.0	µS/cm	1	T2K0626	DAR	11/6/12 19:56	11/7/12 2:16	SM2510B

Notes and Definitions

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

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

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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.



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 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: Chris Lopes

Reported:
 11/15/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2K0626 - SM2510B

LCS (T2K0626-BS1)		Prepared: 11/06/12 Analyzed: 11/07/12								
Specific Conductance (EC)		497	1.0	µS/cm	500		99.4	80-120		20
LCS Dup (T2K0626-BSD1)		Prepared: 11/06/12 Analyzed: 11/07/12								
Specific Conductance (EC)		502	1.0	µS/cm	500		100	80-120	0.981	20
Duplicate (T2K0626-DUP1)		Source: 2K05012-01		Prepared: 11/06/12 Analyzed: 11/07/12						
Specific Conductance (EC)		789	1.0	µS/cm		789			0.00	20
Duplicate (T2K0626-DUP2)		Source: 2K06031-01		Prepared: 11/06/12 Analyzed: 11/07/12						
Specific Conductance (EC)		767	1.0	µS/cm		764			0.384	20

Batch T2K0711 - EPA 180.1

Blank (T2K0711-BLK1)		Prepared & Analyzed: 11/07/12								
Turbidity	J	0.0400	0.10	NTU						
LCS (T2K0711-BS1)		Prepared & Analyzed: 11/07/12								
Turbidity		9.30	0.10	NTU	10.0		93.0	80-120		20
LCS Dup (T2K0711-BSD1)		Prepared & Analyzed: 11/07/12								
Turbidity		9.32	0.10	NTU	10.0		93.2	80-120	0.215	20
Duplicate (T2K0711-DUP1)		Source: 2K06028-01		Prepared & Analyzed: 11/07/12						
Turbidity		574	2.0	NTU		574			0.00	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORKORDER #:

PAGE 1 OF 3 2K06028

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: L. CORTES	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input checked="" type="checkbox"/> OTHER: MCWD
NAME: M.C.W.D.	NAME:	
ADDRESS: 3580 S. FRANK ST.	ADDRESS: Soul	
PHONE: 559/488 7353	PHONE:	
FAX: 559/488 7319	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: <i>Chris Lopez</i> <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 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: PROJECT NUMBER: PROJECT MANAGER:
---	--	---	---

LAB USE	NOTES ON RECEIVED CONDITION:				ES.	TURBIDITY	ANALYSIS REQUESTED										System Number / Station Code		
	<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									
	1	FRESNO	11/6	1230am															
		TRUCK WASH																	
		4170 S. BAGLEY																	
		FRESNO CA. 93725																	

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopez</i>		11/06/12	1545	<i>[Signature]</i>	MTA

Sample Integrity

Page 2 of 3 WO# 2K06028 Date Received: 11/06/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2K06028

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacteriological Thioglycolate			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - HEP04			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125mL 250mL 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/ Metals Double Bag			



2527 Fresno Street
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(559) 268-0740 Fax

California ELAP Certificate #1371

October 01, 2012

Work Order #: 2124019

Chris Lopes
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 09/24/12 . For your reference, these analyses have been assigned laboratory work order number 2124019.

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
10/01/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley	2I24019-01	Solid	09/24/12 09:30	09/24/12 12:45



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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: Chris Lopes

Reported:
 10/01/2012

Analytical Report for Work Order 2I24019

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno Truck Wash 4170 S. Bagley							Sampled: 09/24/12 09:30 2I24019-01 (Solid)			
Chromium		140	4.0	0.16	mg/kg	2	T2I2510	09/25/12	09/27/12	EPA 6010B
Copper		230	4.0	0.14	mg/kg	2	T2I2510	09/25/12	09/27/12	EPA 6010B

Notes and Definitions

- MS3 Recovery for this analyte was biased low; associated blank spike recoveries are within range.
 - 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.

Metals - Totals - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2I2510 - EPA 6010B

Blank (T2I2510-BLK1)		Prepared: 09/25/12 Analyzed: 09/27/12								
Copper		ND	2.0	mg/kg						
Chromium		ND	2.0	"						
LCS (T2I2510-BS1)		Prepared: 09/25/12 Analyzed: 09/27/12								
Copper		21.1	2.0	mg/kg	20.0		106	75-125		20
Chromium		20.6	2.0	"	20.0		103	75-125		20
LCS Dup (T2I2510-BSD1)		Prepared: 09/25/12 Analyzed: 09/27/12								
Copper		22.0	2.0	mg/kg	20.0		110	75-125	4.03	20
Chromium		21.6	2.0	"	20.0		108	75-125	4.74	20
Matrix Spike (T2I2510-MS1)		Source: 2G19040-11 Prepared: 09/25/12 Analyzed: 09/27/12								
Copper		27.8	2.0	mg/kg	19.9	8.41	97.4	75-125		20
Chromium		40.3	2.0	"	19.9	23.2	86.3	75-125		20
Matrix Spike (T2I2510-MS2)		Source: 2I21024-25 Prepared: 09/25/12 Analyzed: 09/27/12								
Copper		27.1	2.0	mg/kg	19.8	11.6	78.3	75-125		20
Chromium		34.8	2.0	"	19.8	15.7	96.1	75-125		20
Matrix Spike Dup (T2I2510-MSD1)		Source: 2G19040-11 Prepared: 09/25/12 Analyzed: 09/27/12								
Copper		27.2	2.0	mg/kg	19.9	8.41	94.1	75-125	2.17	20
Chromium		41.4	2.0	"	19.9	23.2	91.4	75-125	2.57	20
Matrix Spike Dup (T2I2510-MSD2)		Source: 2I21024-25 Prepared: 09/25/12 Analyzed: 09/27/12								
ppp	MS3	26.0	2.0	mg/kg	19.9	11.6	72.6	75-125	4.13	20
Chromium		34.2	2.0	"	19.9	15.7	93.1	75-125	1.59	20

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #:

PAGE 1 OF 3

2124019

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: <u>CHRIS LOPEZ</u>	ATTENTION: <u>L. CORTEZ</u>	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency <input type="checkbox"/> OTHER:
NAME: <u>M.C.W.D.</u>	NAME:	
ADDRESS: <u>3580 S. FRANK ST.</u>	ADDRESS:	
<u>FRESNO CA. 937</u>		
PHONE: <u>559.485.7353</u>	PHONE:	
FAX: <u>559.485.7319</u>	FAX:	

SAMPLE INFORMATION

SAMPLE TYPES:

PROJECT INFORMATION

SAMPLED BY (PRINT): CHRIS LOPEZ

SIGNATURE: [Signature]

PUBLIC SYSTEM ROUTINE
 PRIVATE WELL REPEAT
 OTHER REPLACEMENT

TURN AROUND TIME: RUSH, DUE ON:
 STANDARD

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:

PROJECT NUMBER:

PROJECT MANAGER:

ANALYSIS REQUESTED

LAB USE	NOTES ON RECEIVED CONDITION:				Chromium	Copper	System Number / Station Code
	<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			
	<u>FRESNO TRUCK WASH P.</u>	<u>9/24/12</u>	<u>12:45</u>	<u>SL</u>	<u>X</u>	<u>X</u>	
	<u>4170 S. BAGLEY</u>						
	<u>FRESNO CA 93725</u>						
	<u>[Signature]</u>						

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<u>[Signature]</u>		<u>09/24/12</u>	<u>1245</u>	<u>[Signature]</u>	<u>[Signature]</u>

Sample Integrity

Page 2 of 3 WO# 2124019 Date Received: 09/24/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr		<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?				
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2124019

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacteriological Thioculfate			
None Preserved Plastic	12		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial HCl			
40mL VOA Vial - None			
40mL VOA Vial H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial Na2SO3 (thio)			
Soil Jar Clear Glass 125mL 250mL 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/ Metals Double Bag			

Page 6 of 6



California ELAP Certificate #1371

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

November 01, 2012

Work Order #: 2J24035

Chris Lopes
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 10/24/12 . For your reference, these analyses have been assigned laboratory work order number 2J24035 .

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 that reads 'Lisa Montijo' in a cursive script.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
11/01/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725	2J24035-01	Water	10/23/12 17:25	10/24/12 13:50

California ELAP Certificate #1371

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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 11/01/2012

Analytical Report for Work Order 2J24035

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725								Sampled: 10/23/12 17:25 2J24035-01 (Water)			
Aluminum		13	0.050	0.0072	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Antimony		0.0072	0.0050	0.0014	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Arsenic	J	0.0051	0.010	0.0023	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Barium		0.25	0.010	0.00013	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Beryllium		ND	0.0010	0.00020	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Boron		0.26	0.050	0.00083	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Cadmium		0.016	0.0010	0.00020	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Chromium		0.033	0.0050	0.00091	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Cobalt		0.0057	0.0020	0.00056	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Copper		0.10	0.0050	0.00095	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Iron		11	0.10	0.017	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Lead		0.020	0.0050	0.0014	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Manganese		0.41	0.0050	0.00017	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Molybdenum		0.016	0.0050	0.00075	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Nickel		0.068	0.0050	0.00058	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Selenium	J	0.017	0.020	0.0018	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Silver		ND	0.0050	0.0011	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Thallium		ND	0.020	0.0024	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Tin	J	0.0038	0.010	0.0014	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Titanium		0.24	0.010	0.00059	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Zinc		1.1	0.0050	0.00080	mg/L	1	T2J2916	10/29/12	10/30/12	EPA 200.7	
Mercury		ND	1.2	0.37	µg/L	1	T2J2517	10/25/12	10/26/12	EPA 245.1	

D2

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.
 - D2 Sample diluted due to high concentration(s) of non-target analyte(s).
 - 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.



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 (559) 268-7021 Phone
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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: Chris Lopes

Reported:
 11/01/2012

Metals - Totals - Quality Control

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

Batch T2J2517 - EPA 245.1

Blank (T2J2517-BLK1)		Prepared: 10/25/12 Analyzed: 10/26/12								
Mercury		ND	0.20	µg/L						
LCS (T2J2517-BS1)		Prepared: 10/25/12 Analyzed: 10/26/12								
Mercury		4.52	0.20	µg/L	5.00		90.5	80-120		20
LCS Dup (T2J2517-BSD1)		Prepared: 10/25/12 Analyzed: 10/26/12								
Mercury		4.73	0.20	µg/L	5.00		94.7	80-120	4.56	20
Matrix Spike (T2J2517-MS1)		Source: 2J05016-01		Prepared: 10/25/12 Analyzed: 10/26/12						
Mercury		27.7	1.2	µg/L	30.0	ND	92.4	70-130		20
Matrix Spike (T2J2517-MS2)		Source: 2J24035-01		Prepared: 10/25/12 Analyzed: 10/26/12						
Mercury		28.4	1.2	µg/L	30.0	ND	94.8	70-130		20
Matrix Spike Dup (T2J2517-MSD1)		Source: 2J05016-01		Prepared: 10/25/12 Analyzed: 10/26/12						
Mercury		28.0	1.2	µg/L	30.0	ND	93.4	70-130	1.01	20
Matrix Spike Dup (T2J2517-MSD2)		Source: 2J24035-01		Prepared: 10/25/12 Analyzed: 10/26/12						
Mercury		29.8	1.2	µg/L	30.0	ND	99.2	70-130	4.60	20

Batch T2J2916 - EPA 200.7

Blank (T2J2916-BLK1)		Prepared: 10/29/12 Analyzed: 10/30/12								
Lead		ND	0.0050	mg/L						
Barium	J	0.000172	0.010	"						
Antimony	J	0.00333	0.0050	"						
Silver		ND	0.0050	"						
Chromium		ND	0.0050	"						
Cobalt		ND	0.0020	"						
Tin		ND	0.010	"						
Copper		ND	0.0050	"						
Selenium		ND	0.020	"						
Titanium	J	0.00346	0.010	"						
Iron		ND	0.10	"						
Thallium		ND	0.020	"						
Nickel		ND	0.0050	"						
Zinc		ND	0.0050	"						
Boron	J	0.00113	0.050	"						
Molybdenum		ND	0.0050	"						
Beryllium		ND	0.0010	"						
Aluminum		ND	0.050	"						
Manganese		ND	0.0050	"						
Cadmium		ND	0.0010	"						
Arsenic		ND	0.010	"						
LCS (T2J2916-BS1)		Prepared: 10/29/12 Analyzed: 10/30/12								
Nickel		0.193	0.0050	mg/L	0.200		96.5	85-115		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 of custody document. This analytical report must be reproduced in its entirety.



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 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: Chris Lopes

Reported:
 11/01/2012

Metals - Totals - Quality Control

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

Batch T2J2916 - EPA 200.7

LCS (T2J2916-BS1)		Prepared: 10/29/12 Analyzed: 10/30/12								
Lead		0.212	0.0050	mg/L	0.200		106	85-115		20
Chromium		0.208	0.0050	"	0.200		104	85-115		20
Molybdenum		0.101	0.0050	"	0.100		101	85-115		20
Manganese		0.201	0.0050	"	0.200		101	85-115		20
Thallium		0.778	0.020	"	0.800		97.3	85-115		20
Antimony		0.197	0.0050	"	0.200		98.5	85-115		20
Iron		3.87	0.10	"	4.00		96.8	85-115		20
Cadmium		0.0439	0.0010	"	0.0400		110	85-115		20
Boron		2.02	0.050	"	2.00		101	85-115		20
Barium		0.391	0.010	"	0.400		97.7	85-115		20
Beryllium		0.0376	0.0010	"	0.0400		93.9	85-115		20
Silver		0.191	0.0050	"	0.200		95.6	85-115		20
Cobalt		0.192	0.0050	"	0.200		96.2	85-115		20
Aluminum		1.97	0.050	"	2.00		98.3	85-115		20
Tin		0.855	0.010	"	0.800		107	85-115		20
Selenium		0.807	0.020	"	0.800		101	85-115		20
Arsenic		0.200	0.010	"	0.200		99.8	85-115		20
Copper		0.0823	0.0020	"	0.0800		103	85-115		20
Titanium		0.432	0.010	"	0.400		108	85-115		20
Copper		0.198	0.0050	"	0.200		99.0	85-115		20

LCS Dup (T2J2916-BSD1)		Prepared: 10/29/12 Analyzed: 10/30/12								
Boron		2.04	0.050	mg/L	2.00		102	85-115	1.08	20
Iron		3.89	0.10	"	4.00		97.3	85-115	0.497	20
Copper		0.199	0.0050	"	0.200		99.7	85-115	0.716	20
Arsenic		0.194	0.010	"	0.200		97.1	85-115	2.74	20
Beryllium		0.0379	0.0010	"	0.0400		94.7	85-115	0.806	20
Manganese		0.202	0.0050	"	0.200		101	85-115	0.618	20
Barium		0.394	0.010	"	0.400		98.4	85-115	0.800	20
Cobalt		0.0826	0.0020	"	0.0800		103	85-115	0.356	20
Lead		0.214	0.0050	"	0.200		107	85-115	0.924	20
Chromium		0.210	0.0050	"	0.200		105	85-115	0.757	20
Antimony		0.199	0.0050	"	0.200		99.6	85-115	1.11	20
Nickel		0.214	0.0050	"	0.200		107	85-115	10.1	20
Thallium		0.783	0.020	"	0.800		97.8	85-115	0.544	20
Selenium		0.809	0.020	"	0.800		101	85-115	0.261	20
Aluminum		1.96	0.050	"	2.00		97.8	85-115	0.466	20
Silver		0.195	0.0050	"	0.200		97.5	85-115	2.01	20
Molybdenum		0.102	0.0050	"	0.100		102	85-115	0.517	20
Cadmium		0.0440	0.0010	"	0.0400		110	85-115	0.176	20
Tin		0.859	0.010	"	0.800		107	85-115	0.414	20
Titanium		0.433	0.010	"	0.400		108	85-115	0.311	20



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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: Chris Lopes

Reported:
 11/01/2012

Metals - Totals - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2J2916 - EPA 200.7

LCS Dup (T2J2916-BSD1)

Prepared: 10/29/12 Analyzed: 10/30/12

Zinc		0.193	0.0050	mg/L	0.200		96.4	85-115	0.123	20
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Matrix Spike (T2J2916-MS1)

Source: 2J17039-02

Prepared: 10/29/12 Analyzed: 10/30/12

Copper		0.247	0.010	mg/L	0.200	0.0420	102	70-130		20
Cadmium		0.0448	0.0020	"	0.0400	ND	112	70-130		20
Iron		4.56	0.20	"	4.00	0.320	106	70-130		20
Boron		2.18	0.10	"	2.00	0.0988	104	70-130		20
Beryllium		0.0401	0.0020	"	0.0400	ND	100	70-130		20
Silver		0.192	0.010	"	0.200	ND	96.2	70-130		20
Thallium		0.793	0.040	"	0.800	ND	99.2	70-130		20
Tin		0.808	0.020	"	0.800	ND	101	70-130		20
Nickel		0.219	0.010	"	0.200	0.00265	108	70-130		20
Aluminum		2.08	0.10	"	2.00	ND	104	70-130		20
Cobalt		0.0849	0.0040	"	0.0800	ND	106	70-130		20
Lead		0.218	0.010	"	0.200	0.00461	107	70-130		20
Barium		0.404	0.020	"	0.400	0.00272	100	70-130		20
Manganese		0.225	0.010	"	0.200	0.0181	104	70-130		20
Molybdenum		0.210	0.010	"	0.200	ND	105	70-130		20
Chromium		0.214	0.010	"	0.200	ND	107	70-130		20
Selenium		0.831	0.040	"	0.800	0.00374	103	70-130		20
Titanium		0.447	0.020	"	0.400	0.00312	111	70-130		20
Zinc		0.250	0.010	"	0.200	0.0441	103	70-130		20
Antimony		0.206	0.010	"	0.200	0.00353	101	70-130		20
Arsenic		0.395	0.020	"	0.400	ND	98.8	70-130		20

Matrix Spike (T2J2916-MS2)

Source: 2J24034-01

Prepared: 10/29/12 Analyzed: 10/30/12

Cobalt		0.205	0.010	mg/L	0.200	0.00362	101	70-130		20
Copper		1.15	0.025	"	0.500	0.619	106	70-130		20
Barium		0.965	0.050	"	1.00	ND	96.5	70-130		20
Iron		10.2	0.50	"	10.0	ND	102	70-130		20
Chromium		0.521	0.025	"	0.500	0.00475	103	70-130		20
Titanium		1.10	0.050	"	1.00	0.0136	109	70-130		20
Tin		1.97	0.050	"	2.00	ND	98.3	70-130		20
Thallium		2.04	0.10	"	2.00	ND	102	70-130		20
Silver		0.506	0.025	"	0.500	ND	101	70-130		20
Nickel		0.733	0.025	"	0.500	0.205	106	70-130		20
Molybdenum		0.899	0.025	"	0.500	0.377	104	70-130		20
Zinc		0.535	0.025	"	0.500	0.0101	105	70-130		20
Aluminum		4.81	0.25	"	5.00	ND	96.3	70-130		20
Manganese		0.510	0.025	"	0.500	0.00920	100	70-130		20
Selenium		2.47	0.10	"	2.00	0.479	99.8	70-130		20
Lead		0.971	0.025	"	0.500	0.449	104	70-130		20
Antimony		0.789	0.025	"	0.500	0.298	98.2	70-130		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 of custody document. This analytical report must be reproduced in its entirety.



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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: Chris Lopes

Reported:
 11/01/2012

Metals - Totals - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2J2916 - EPA 200.7

Matrix Spike (T2J2916-MS2) Source: 2J24034-01 Prepared: 10/29/12 Analyzed: 10/30/12

Arsenic		2.56	0.050	mg/L	1.00	1.64	91.9	70-130		20
Cadmium		0.108	0.0050	"	0.100	ND	108	70-130		20
Boron		6.59	0.25	"	5.00	1.42	103	70-130		20
Beryllium		0.0948	0.0050	"	0.100	ND	94.8	70-130		20

Matrix Spike Dup (T2J2916-MSD1) Source: 2J17039-02 Prepared: 10/29/12 Analyzed: 10/30/12

Beryllium		0.0401	0.0020	mg/L	0.0400	ND	100	70-130	0.209	20
Antimony		0.203	0.010	"	0.200	0.00353	99.7	70-130	1.45	20
Arsenic		0.410	0.020	"	0.400	ND	102	70-130	3.57	20
Barium		0.399	0.020	"	0.400	0.00272	99.2	70-130	1.24	20
Aluminum		2.06	0.10	"	2.00	ND	103	70-130	1.04	20
Cadmium		0.0445	0.0020	"	0.0400	ND	111	70-130	0.594	20
Silver		0.190	0.010	"	0.200	ND	95.0	70-130	1.27	20
Molybdenum		0.210	0.010	"	0.200	ND	105	70-130	0.0564	20
Nickel		0.219	0.010	"	0.200	0.00265	108	70-130	0.163	20
Cobalt		0.0856	0.0040	"	0.0800	ND	107	70-130	0.824	20
Selenium		0.831	0.040	"	0.800	0.00374	103	70-130	0.0438	20
Chromium		0.212	0.010	"	0.200	ND	106	70-130	0.786	20
Manganese		0.224	0.010	"	0.200	0.0181	103	70-130	0.394	20
Tin		0.808	0.020	"	0.800	ND	101	70-130	0.0840	20
Boron		2.17	0.10	"	2.00	0.0988	104	70-130	0.580	20
Lead		0.217	0.010	"	0.200	0.00461	106	70-130	0.536	20
Titanium		0.448	0.020	"	0.400	0.00312	111	70-130	0.182	20
Iron		4.56	0.20	"	4.00	0.320	106	70-130	0.0429	20
Copper		0.245	0.010	"	0.200	0.0420	101	70-130	0.979	20
Zinc		0.251	0.010	"	0.200	0.0441	103	70-130	0.105	20
Thallium		0.798	0.040	"	0.800	ND	99.7	70-130	0.557	20

Matrix Spike Dup (T2J2916-MSD2) Source: 2J24034-01 Prepared: 10/29/12 Analyzed: 10/30/12

Tin		1.92	0.050	mg/L	2.00	ND	95.9	70-130	2.49	20
Nickel		0.709	0.025	"	0.500	0.205	101	70-130	3.36	20
Titanium		1.07	0.050	"	1.00	0.0136	106	70-130	2.64	20
Thallium		2.00	0.10	"	2.00	ND	99.9	70-130	1.90	20
Silver		0.491	0.025	"	0.500	ND	98.2	70-130	2.90	20
Aluminum		4.68	0.25	"	5.00	ND	93.6	70-130	2.82	20
Selenium		2.43	0.10	"	2.00	0.479	97.7	70-130	1.72	20
Molybdenum		0.843	0.025	"	0.500	0.377	93.3	70-130	6.42	20
Cadmium		0.106	0.0050	"	0.100	ND	106	70-130	1.90	20
Copper		1.09	0.025	"	0.500	0.619	93.8	70-130	5.26	20
Beryllium		0.0929	0.0050	"	0.100	ND	92.9	70-130	2.05	20
Antimony		0.753	0.025	"	0.500	0.298	91.0	70-130	4.65	20
Cobalt		0.203	0.010	"	0.200	0.00362	99.5	70-130	1.08	20
Chromium		0.513	0.025	"	0.500	0.00475	102	70-130	1.40	20



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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: Chris Lopes

Reported:
 11/01/2012

Metals - Totals - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2J2916 - EPA 200.7

Matrix Spike Dup (T2J2916-MSD2)

Source: 2J24034-01

Prepared: 10/29/12

Analyzed: 10/30/12

Zinc		0.527	0.025	mg/L	0.500	0.0101	103	70-130	1.55	20
Arsenic		2.51	0.050	"	1.00	1.64	86.9	70-130	1.97	20
Lead		0.933	0.025	"	0.500	0.449	96.7	70-130	3.99	20
Iron		9.99	0.50	"	10.0	ND	99.9	70-130	2.52	20
Barium		0.948	0.050	"	1.00	ND	94.8	70-130	1.75	20
Boron		6.41	0.25	"	5.00	1.42	99.8	70-130	2.87	20
Manganese		0.496	0.025	"	0.500	0.00920	97.4	70-130	2.79	20



ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORKORDER #:

PAGE 1 OF 3 2524035

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: L. CORTIZ	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input type="checkbox"/> OTHER: MCWD
NAME: MAGA CWD	NAME:	
ADDRESS: 3580 S. FRANK ST. FRESNO CA. 93725	ADDRESS: Sum	
PHONE: 559 485 7353	PHONE:	
FAX: 559 185 7319	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: <i>[Signature]</i> <input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT		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: PROJECT NUMBER: PROJECT MANAGER:
---	--	---	---

TURN AROUND TIME: RUSH, DUE ON: **5-Day**
 STANDARD

NOTES ON RECEIVED/CONDITION:

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

USE	CLIENT SAMPLE ID				DATE	TIME	TYPE	System Number / Station Code
	CLIENT SAMPLE ID	DATE	TIME	TYPE				
	1	FRESNO TRUCK WASH	10/23	5:35 PM				
		4170						
		S. BAGLEY						
		FRESNO CA. 93725						

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		10/24/12	1:50	<i>[Signature]</i>	<i>[Signature]</i>

Sample Integrity

Page 2 of 3 WO# 2J24035 Date Received: 10/24/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: N/A
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr		<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2J24035

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacti 100mL Thiosulfate			
None Preserved Plastic			
HNO3 Plastic	1A		
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125mL, 250mL, 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/Metals Double Bag			



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California ELAP Certificate #1371

October 12, 2012

Work Order #: 2J09025

Chris Lopes
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 10/09/12 . For your reference, these analyses have been assigned laboratory work order number 2J09025 .

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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Fresno, CA 93721
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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: Chris Lopes

Reported:
10/12/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725	2J09025-01	Water	10/09/12 09:15	10/09/12 14:10



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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: Chris Lopes

Reported:
 10/12/2012

Analytical Report for Work Order 2J09025

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno Truck Wash 4170 S. Bagley Fresno CA 93725										
						Sampled: 10/09/12 09:15 2J09025-01 (Water)				
Turbidity		110	0.40	0.080	NTU	4	T2J0907	10/09/12	10/09/12	EPA 180.1
Specific Conductance (EC)		530	1.0	1.0	µS/cm	1	T2J0912	10/09/12	10/10/12	SM2510B

Notes and Definitions

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

Batch T2J0907 - EPA 180.1

Blank (T2J0907-BLK1)										Prepared & Analyzed: 10/09/12
Turbidity	J	0.0200	0.10	NTU						
LCS (T2J0907-BS1)										Prepared & Analyzed: 10/09/12
Turbidity		9.23	0.10	NTU	10.0		92.3	80-120		20
LCS Dup (T2J0907-BSD1)										Prepared & Analyzed: 10/09/12
Turbidity		9.22	0.10	NTU	10.0		92.2	80-120	0.108	20
Duplicate (T2J0907-DUP1)										Source: 2J09008-01 Prepared & Analyzed: 10/09/12
Turbidity		6.34	0.10	NTU		6.32			0.316	20

Batch T2J0912 - SM2510B

LCS (T2J0912-BS1)										Prepared: 10/09/12 Analyzed: 10/10/12
Specific Conductance (EC)		519	1.0	µS/cm	500		104	80-120		20
LCS Dup (T2J0912-BSD1)										Prepared: 10/09/12 Analyzed: 10/10/12
Specific Conductance (EC)		522	1.0	µS/cm	500		104	80-120	0.576	20
Duplicate (T2J0912-DUP1)										Source: 2J08029-06 Prepared: 10/09/12 Analyzed: 10/10/12
Specific Conductance (EC)		433	1.0	µS/cm		435			0.461	20
Duplicate (T2J0912-DUP2)										Source: 2J09021-01 Prepared: 10/09/12 Analyzed: 10/10/12
Specific Conductance (EC)		1540	1.0	µS/cm		1540			0.00	20

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #: 2509025
PAGE 1 OF 3

REPORT TO:

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ATTENTION: CHRIS LOPEZ	ATTENTION: L. CORTAZ	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input checked="" type="checkbox"/> OTHER: MWD
NAME: 3580 S. FRANK	NAME:	
ADDRESS: FRESNO CA. 93725	ADDRESS: Some	
MALAGA CLWD		
PHONE: 559 405 7353	PHONE:	
FAX: 559 105 7319	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPEZ	<input type="checkbox"/> PUBLIC SYSTEM <input 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 type="checkbox"/> STANDARD	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.:
SIGNATURE: <i>Chris Lopez</i>		LIGUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER	PROJECT:
			PROJECT NUMBER:
			PROJECT MANAGER:

USE	NOTES ON RECEIVED CONDITION:				F.C.	TURBIDITY	ANALYSIS REQUESTED										System Number / Station Code
	<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	1	2	3	4	5	6	7	8	9	
	CLIENT SAMPLE ID	DATE	TIME	TYPE													
	FRESNO	10/9	915		X	X											
	TRUCK WASH																
	4170 S. BAGLEY																
	FRESNO CA. 93725																

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopez</i>		10/9/12	1410	<i>Liz Ruthel</i>	MWA

Sample Integrity

Page 2 of 3 WO# 2J09025 Date Received: 10/09/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: Walk-in UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed			Completed	
	Yes	No		Yes	No
Was COC Received	/		Analysis Requested	/	
Date Sampled	/		Any hold times less than 72hr	/	
Time Sampled	/		Client Name	/	
Sample ID	/		Address	/	
Special Storage/Handling Ins.		/	Telephone #	/	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	/			
Were bottle custody seals present?			/	
Were bottle custody seals intact?			/	
Did all bottle labels agree with COC?	/			
Were correct containers used for the tests requested?	/			
Was sufficient amount of sample sent for tests indicated?	/			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			/	
Were Ascorbic Acid Bottles Received with VOAs?			/	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Filtered: Yes No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2 J09025

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacteriological Thioglycolate			
None Preserved Plastic	1		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
1L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio 525, 515			
40mL (AG VOA) Thio + K Citrate 531.2			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil Jar Clear Glass 125mL 250mL 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos 1L Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radiological 226/228 1L HNO3 each			
Radon			
Low Level Hg/Metals Double Bag			



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

California ELAP Certificate #1371

August 20, 2012

Work Order #: 2H07025

Chris Lopes
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 08/07/12 . For your reference, these analyses have been assigned laboratory work order number 2H07025 .

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 that reads 'Lisa Montijo'. The signature is written in a cursive, flowing style.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
08/20/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno T.W. (1)	2H07025-01	Waste Water	08/07/12 11:00	08/07/12 12:45
Fresno T.W. (2)	2H07025-02	Waste Water	08/07/12 11:00	08/07/12 12:45



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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: Chris Lopes

Reported:
 08/20/2012

Analytical Report for Work Order 2H07025

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno T.W. (1)						Sampled: 08/07/12 11:00 2H07025-01 (Waste Water)				
Chromium		89	2.0	0.34	µg/L	2	T2H1303	08/13/12	08/17/12	EPA 200.8
Copper		100	2.0	0.094	µg/L	1	T2H1303	08/13/12	08/14/12	EPA 200.8
Fresno T.W. (2)						Sampled: 08/07/12 11:00 2H07025-02 (Waste Water)				
Chromium		58	1.0	0.17	µg/L	1	T2H1303	08/13/12	08/14/12	EPA 200.8
Copper		86	2.0	0.094	µg/L	1	T2H1303	08/13/12	08/14/12	EPA 200.8

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.



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 Fresno, CA 93721
 (559) 268-7021 Phone
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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: Chris Lopes

Reported:
 08/20/2012

Metals - Totals - Quality Control

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

Batch T2H1303 - EPA 200.8

Blank (T2H1303-BLK1) Prepared: 08/13/12 Analyzed: 08/14/12

Copper		ND	2.0	µg/L						
Chromium		ND	1.0	"						

LCS (T2H1303-BS1) Prepared: 08/13/12 Analyzed: 08/14/12

Copper		51.8	2.0	µg/L	50.0		104	85-115		20
Chromium		52.0	1.0	"	50.0		104	85-115		20

LCS Dup (T2H1303-BSD1) Prepared: 08/13/12 Analyzed: 08/14/12

Copper		51.3	2.0	µg/L	50.0		103	85-115	0.979	20
Chromium		50.9	1.0	"	50.0		102	85-115	2.11	20

Matrix Spike (T2H1303-MS1) Source: 2H06018-03 Prepared: 08/13/12 Analyzed: 08/14/12

Copper		250	10	µg/L	250	ND	101	70-130		20
Chromium		260	5.0	"	250	0.92	102	70-130		20

Matrix Spike (T2H1303-MS2) Source: 2H08013-01 Prepared: 08/13/12 Analyzed: 08/14/12

Copper		85	2.0	µg/L	50.0	37	97.7	70-130		20
Chromium		53	1.0	"	50.0	0.45	104	70-130		20

Matrix Spike Dup (T2H1303-MSD1) Source: 2H06018-03 Prepared: 08/13/12 Analyzed: 08/14/12

Copper		250	10	µg/L	250	ND	101	70-130	0.0238	20
Chromium		260	5.0	"	250	0.92	102	70-130	0.0934	20

Matrix Spike Dup (T2H1303-MSD2) Source: 2H08013-01 Prepared: 08/13/12 Analyzed: 08/14/12

Copper		86	2.0	µg/L	50.0	37	99.7	70-130	1.17	20
Chromium		52	1.0	"	50.0	0.45	104	70-130	0.536	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORKORDER #:
PAGE 1 OF 3 2407025

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: L. COOPER	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : <input checked="" type="checkbox"/> OTHER (New)
NAME: MALAGA COUNTY WD.	NAME:	
ADDRESS: 3580 SFRAK	ADDRESS: [Signature]	
PHONE: FRESNO CA. 93725	PHONE:	
FAX: 559/457353	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: [Signature]		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: PROJECT NUMBER: PROJECT MANAGER:
<input type="checkbox"/> PUBLIC SYSTEM <input 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		

ANALYSIS REQUESTED

L A B U S E	NOTES ON RECEIVED CONDITION:				Chromium	Copper	System Number / Station Code
	CLIENT SAMPLE ID	DATE	TIME	TYPE			
	FRESNO TRUCK WASH	8/7/12			X	X	
	FRESNO TRUCK WASH						

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
[Signature]		08/07/12	1245	[Signature]	

Section 1-Sampled Same Day

Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously

Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received-On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr		<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were Bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____

Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:



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

California ELAP Certificate #1371

August 07, 2012

Work Order #: 2H01026

Chris Lopes
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 08/01/12. For your reference, these analyses have been assigned laboratory work order number 2H01026.

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
08/07/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash	2H01026-01	Water	08/01/12 10:30	08/01/12 13:45

California ELAP Certificate #1371

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

 Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

 Reported:
 08/07/2012

Analytical Report for Work Order 2H01026

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Fresno Truck Wash							Sampled: 08/01/12 10:30 2H01026-01 (Water)				
Turbidity		60	0.20	0.040	NTU	2	T2H0111	08/01/12	08/01/12	EPA 180.1	
Specific Conductance (EC)		540	1.0	1.0	µS/cm	1	T2H0212	08/02/12	08/02/12	SM2510B	

Notes and Definitions

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

Batch T2H0111 - EPA 180.1

Blank (T2H0111-BLK1)		Prepared & Analyzed: 08/01/12								
Turbidity	J	0.0600	0.10	NTU						
LCS (T2H0111-BS1)		Prepared & Analyzed: 08/01/12								
Turbidity		9.79	0.10	NTU	10.0		97.9	80-120	20	
LCS Dup (T2H0111-BSD1)		Prepared & Analyzed: 08/01/12								
Turbidity		9.77	0.10	NTU	10.0		97.7	80-120	0.204	
Duplicate (T2H0111-DUP1)		Source: 2G31002-01 Prepared & Analyzed: 08/01/12								
Turbidity		6.28	0.10	NTU		6.20			1.28	

Batch T2H0212 - SM2510B

LCS (T2H0212-BS1)		Prepared & Analyzed: 08/02/12								
Specific Conductance (EC)		509	1.0	µS/cm	500		102	80-120	20	
LCS Dup (T2H0212-BSD1)		Prepared & Analyzed: 08/02/12								
Specific Conductance (EC)		511	1.0	µS/cm	500		102	80-120	0.392	
Duplicate (T2H0212-DUP1)		Source: 2H01014-01 Prepared & Analyzed: 08/02/12								
Specific Conductance (EC)		1280	1.0	µS/cm		1280			0.0780	
Duplicate (T2H0212-DUP2)		Source: 2H01029-01 Prepared & Analyzed: 08/02/12								
Specific Conductance (EC)		4270	1.0	µS/cm		4270			0.00	

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #:

PAGE 1 OF 3 2.H.07024

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

ATTENTION: CHRIS LOPEZ	ATTENTION: LARVE POPIES	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER MCD
NAME: FRANK	NAME:	
ADDRESS: FRESNO CA 93725	ADDRESS: SW	
PHONE: 559/485-7353	PHONE:	
FAX: 559/485-7319	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPEZ SIGNATURE: <i>[Signature]</i> <input type="checkbox"/> PUBLIC SYSTEM <input 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: PROJECT NUMBER: PROJECT MANAGER:
---	--	---	---

LAB USE	NOTES ON RECEIVED CONDITION:				A.C.	Turbidity	System Number / Station Code
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN	<input type="checkbox"/> SAMPLE(S) DAMAGED	<input checked="" type="checkbox"/> ON ICE	<input type="checkbox"/> AMBIENT TEMP.			
	CLIENT SAMPLE ID	DATE	TIME	TYPE			
	FRESNO TRUCK WASH	8/1	10:30 AM				

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		08/01/12	1:34:5	<i>[Signature]</i>	

Sample Integrity

Page 2 of 3 WO# 2401026 Date Received: 08/01/12

Section 1-Sampled Same Day

Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously

Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>		Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were Bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Was sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?			<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____

Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2H01026

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Each 100mL Thiosulfate			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
IL Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 515, 547, 548			
250mL (AG) Other			
500mL Clear Glass None			
1L (AG) None			
1L (AG) HCl			
1L (AG) Thio			
40mL (AG VOA) Thio + K Citrate 532			
40mL VOA Vial - HCl			
40mL VOA Vial - None			
40mL VOA Vial - H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial - Na2SO3 (thio)			
Soil In Clear Glass 125mL 250mL 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Tedlar Bags			
Asbestos HL Plastic			
Cross Alpha/Beta 1L HNO3 each			
Radon 226/228 1L HNO3 each			
Radon			
Low Level Hg/ Metals Double Bag			



California ELAP Certificate #1371

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

September 10, 2012

Work Order #: 2H31011

Chris Lopes
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 08/31/12. For your reference, these analyses have been assigned laboratory work order number 2H31011.

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
09/10/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash 4170 S. Bagley	2H31011-01	Water	08/30/12 08:30	08/31/12 11:45

California ELAP Certificate #1371

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

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Chris Lopes

Reported:
09/10/2012

Analytical Report for Work Order 2H31011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Fresno Truck Wash 4170 S. Bagley							Sampled: 08/30/12 08:30 2H31011-01 (Water)			
Turbidity		260	1.0	0.20	NTU	10	T2H3117	08/31/12	08/31/12	EPA 180.1
Specific Conductance (EC)		940	1.0	1.0	µS/cm	1	T2I0404	09/04/12	09/04/12	SM2510B

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - ug/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- 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 T2H3117 - EPA 180.1

Blank (T2H3117-BLK1)		Prepared & Analyzed: 08/31/12								
Turbidity	J	0.0400	0.10	NTU						
LCS (T2H3117-BS1)		Prepared & Analyzed: 08/31/12								
Turbidity		9.42	0.10	NTU	10.0		94.2	80-120	20	
LCS Dup (T2H3117-BSD1)		Prepared & Analyzed: 08/31/12								
Turbidity		9.41	0.10	NTU	10.0		94.1	80-120	0.106	
Duplicate (T2H3117-DUP1)		Source: 2H31005-01		Prepared & Analyzed: 08/31/12						
Turbidity		0.130	0.10	NTU		0.140		7.41	20	

Batch T2I0404 - SM2510B

LCS (T2I0404-BS1)		Prepared & Analyzed: 09/04/12								
Specific Conductance (EC)		505	1.0	µS/cm	500		101	80-120	20	
LCS Dup (T2I0404-BSD1)		Prepared & Analyzed: 09/04/12								
Specific Conductance (EC)		503	1.0	µS/cm	500		101	80-120	0.397	
Duplicate (T2I0404-DUP1)		Source: 2H31005-01		Prepared & Analyzed: 09/04/12						
Specific Conductance (EC)		540	1.0	µS/cm		539		0.185	20	
Duplicate (T2I0404-DUP2)		Source: 2I04010-01		Prepared & Analyzed: 09/04/12						
Specific Conductance (EC)		534	1.0	µS/cm		533		0.187	20	



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #:

PAGE 1 OF 3 2431011

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: L. CORTES	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : <input type="checkbox"/> Environmental Health Agency : McW <input type="checkbox"/> OTHER:
NAME: 3580 S. FRANK	NAME:	
ADDRESS: FRESNO CA 93725	ADDRESS: Seam	
PHONE: 559 405 7353	PHONE:	
FAX: 559 405 7319	FAX:	
MAIWA COUNTY WATER DIST		

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: <i>[Signature]</i> <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 checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH, DUE ON:		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: PROJECT NUMBER: PROJECT MANAGER:
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LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED										System Number / Station Code
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN		<input type="checkbox"/> SAMPLE(S) DAMAGED												
	<input type="checkbox"/> ON ICE <input checked="" type="checkbox"/> AMBIENT TEMP. <input type="checkbox"/> INCORRECT PRESERVATION														
	CLIENT SAMPLE ID	DATE	TIME	TYPE											
	1 FRESNO	8/30			EC. Turbidity										
	TRUCK - WASH		0830												
	4170 S. BAGLEY														
	FRESNO CA 93725														
COMMENTS/ADDITIONAL INSTRUCTIONS:															

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		08/31/12	1148	<i>[Signature]</i>	MTA

Sample Integrity

Page 2 of 3

WO# 2431011

Date Received: 8/31/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest Box Hand
 Has Chilling Begun? Yes No

Section 2-Sampled Previously
 Sample Transport: CAO UPS GSO Fed Ex MTA Courier Other: _____
 No. Coolers/Ice Chests: _____ Temperature(s): _____
 Was Temperature In Range: Y or N Received On Ice: Wet Blue
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
 Were ice chest custody seals present? Y or N Intact? Y or N

Section 3-COC Info.

	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	X		Analysis Requested	X	
Date Sampled	X		Any hold times less than 72hr	X	
Time Sampled	X		Client Name	X	
Sample ID	X		Address	X	
Special Storage/Handling Ins.		X	Telephone #	X	

Section 4-Bottles/Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	X			
Were bottle custody seals present?		X		
Were Bottle custody seals intact?	X	X		
Did all bottle labels agree with COC?	X			
Were correct containers used for the tests requested?	X			
Was sufficient amount of sample sent for tests indicated?	X			
Were bubbles present in VOA Vials? (Volatiles Methods Only)			X	
Were Ascorbic Acid Bottles Received with VOAs?			X	

Section 5-Comment/Discrepancies

Sample(s) Split/Preserve: Yes or No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____
 Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2431011

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bag/100mL Thiosulfate			
None Preserved Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
300mL DO Bottle			
Other			
Client Own			
IL Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Thio 515, 547, 548			
250mL (AG) other			
500mL Clear Glass None			
IL (AG) None			
IL (AG) HCl			
IL (AG) Thio			
40mL (AG VOA) Thio + K Citrate 532			
40mL VOA Vial HCl			
40mL VOA Vial - None			
40mL VOA Vial H3PO4			
40mL VOA Vial (AG) - thio (THM)			
40mL VOA Vial Na2SO4/thio			
Soil Jar Clear Glass 125mL, 250mL, 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
IL Jar Bags			
Asbestos IL Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radon 226/228 1L HNO3 each			
Radon			
Low Level Hg/Metals Double Bag			



A2L0339

12/19/2012

Les Lemons
Fresno's Truck Wash
4170 S. Bagley Ave
Fresno, CA 93725

Dear Les Lemons,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 12/05/2012 14:40.

If additional clarification of any information is required, please contact your Client Services Representative, Michael Ng at (800) 877-8310 or (559) 497-2888.

BSK ASSOCIATES

A handwritten signature in black ink, appearing to read "Michael Ng". The signature is written in a cursive, flowing style.

Michael Ng
Project Manager



12/19/2012

Case Narrative

Work Order Information

Client Name: Fresno's Truck Wash
Client Code: fresn1149
Work Order: A2L0339
Project: General - Malaga County
Client Project: Sump PIP #3 Water Treatment

Submitted by: Sammy Bulgara
Shipped by: Walk-In
COC Number:
TAT: 10
PO #:

Sample Receipt Conditions

Cooler: Default Cooler **Temp. °C:** 18.3
Containers Intact
COC/Labels Agree
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Initial receipt at BSK-FAL

Report Manager

Sammy Bulgara
Russ Holcomb

Report Format

Final.rpt
Final.rpt



Certificate of Analysis

Les Lemons
 Fresno's Truck Wash
 4170 S. Bagley Ave
 Fresno, CA 93725

Report Issue Date: 12/19/2012 17:01
Received Date: 12/05/2012
Received Time: 14:40

Lab Sample ID: A2L0339-01
Sample Date: 12/05/2012 14:40
Sample Type: Grab

Client Project: Sump PIP #3 Water Treatment
Sampled by: Client
Matrix: Water

Sample Description: Sump 3

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510 B	560	1.0	umhos/cm	1	A213762	12/07/12	12/07/12	
pH (1)	SM 4500-H+ B	6.0		pH Units	1	A213762	12/07/12	12/07/12	
pH Temperature in °C		21.3							
Total Dissolved Solids	SM 2540C	530	5.0	mg/L	1	A213879	12/11/12	12/14/12	

Organics

alyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (HEM)									
Total Oil & Grease	EPA 1664A	16	1.0	mg/L	1	A214053	12/13/12	12/14/12	



General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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Batch: A213762

Analyst: CEG

Prepared: 12/7/2012

Blank (A213762-BLK1) SM 2510 B - Quality Control

Conductivity @ 25C	ND	1.0	umhos/cm							12/07/12	
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Duplicate (A213762-DUP1) SM 2510 B - Quality Control

Source: A2L0311-03

Conductivity @ 25C	370	1.0	umhos/cm	370			1	20		12/07/12	
pH (1)	8.1		pH Units	8.1			0	20		12/07/12	

Duplicate (A213762-DUP2) SM 2510 B - Quality Control

Source: A2L0480-06

Conductivity @ 25C	440	1.0	umhos/cm	440			1	20		12/07/12	
pH (1)	8.1		pH Units	8.1			0	20		12/07/12	

Batch: A213879

Analyst: DEH

Prepared: 12/11/2012

Blank (A213879-BLK1) SM 2540C - Quality Control

Total Dissolved Solids	ND	5.0	mg/L							12/14/12	
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Blank (A213879-BLK2) SM 2540C - Quality Control

Total Dissolved Solids	ND	5.0	mg/L							12/14/12	
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Duplicate (A213879-DUP1) SM 2540C - Quality Control

Source: A2L0195-02

Total Dissolved Solids	370	5.0	mg/L	360			1	20		12/14/12	
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Duplicate (A213879-DUP2) SM 2540C - Quality Control

Source: A2L0198-01

Total Dissolved Solids	480	5.0	mg/L	590			20	20		12/14/12	
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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Date Analyzed	Qual
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Batch: A214053

Analyst: AMR

Prepared: 12/13/2012

Blank (A214053-BLK1) EPA 1664A - Quality Control

Total Oil & Grease	ND	1.0	mg/L							12/14/12	
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Blank Spike (A214053-BS1) EPA 1664A - Quality Control

Total Oil & Grease	39	1.0	mg/L	40		97	78-114			12/14/12	
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Blank Spike Dup (A214053-BSD1) EPA 1664A - Quality Control

Total Oil & Grease	40	1.0	mg/L	40		99	78-114	2	30	12/14/12	
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Matrix Spike (A214053-MS1) EPA 1664A - Quality Control

Source: A2L0111-01

Total Oil & Grease	40	1.0	mg/L	41	ND	97	78-114			12/14/12	
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Matrix Spike (A214053-MS2) EPA 1664A - Quality Control

Source: A2L0314-02

Total Oil & Grease	63	1.0	mg/L	41	24	96	78-114			12/14/12	
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Certificate of Analysis

12/19/2012

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified criteria unless otherwise noted within this report.
- The results relate only to the samples analyzed in accordance with test(s) requested by the client on the Chain of Custody document. Any analytical quality control exceptions to method criteria that are to be considered when evaluating these results have been flagged and are defined in the data qualifiers section.
- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- * - This is not a NELAP accredited analyte.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - SAC ELAP	2435
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Please refer to our website for a copy of our Accredited Fields of Testing for each certification.

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)		:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

A2L0339



Fresno's Truck Wash

fresn1149



12052012

Turnaround: Standard

Due Date: 12/19/2012

Sample Integrity

Pg. 1 of 2

A2L0339
fresn1149

12/05/2012
10



Date Received

Section 1- Receiving Information

Sample Transport: ONTRAC UPS PMS Walk-In BSK-Courier GSO Fed Exp. Other: _____

Samples arrived at lab on same day sampled: Yes X No _____ Has Chilling Process Begun: Yes No

Coolers/Ice Chests Description/Temperature(s): (if more than 5 received, list information in comment section)

1) 18.3 2) _____ 3) _____ 4) _____ 5) _____

Was Temperature In Range: Y N N/A Received On Ice: Wet Blue Received Ambient: Y N

Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____

Initial Receipt: BSK-Visalia BSK-Bakersfield BSK-SAC BSK-FAL

Were ice chest custody seals present? Y N Intact: Y N

Section 2- COC Info.	Completed		Info From Container	Completed		Info From Container
	Yes	No		Yes	No	
Was COC Received	<u>---</u>				Analysis Requested	<u>---</u>
Date Sampled	<u>---</u>				Hold times less than 72hr	<u>---</u>
Time Sampled	<u>---</u>				Client Name	<u>---</u>
Sample ID	<u>---</u>				Address	<u>---</u>
Special Storage/Handling Ins.		<u>---</u>			Telephone #	<u>---</u>

Section 3- Bottles / Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<u>---</u>			
Were bottle custody seals present?		<u>---</u>		
Were bottle custody seals intact?		<u>---</u>		
Did all bottle labels agree with COC?	<u>---</u>			
Were correct containers used for the tests requested?	<u>---</u>			
Were correct preservations used for the tests requested?	<u>---</u>			
Was a sufficient amount of sample sent for tests indicated?	<u>---</u>			
Were bubbles present in VOA Vials? (Volatile Methods Only)			<u>---</u>	
Were Ascorbic Acid Bottles received with the VOAs?			<u>---</u>	

Section 4- Comments / Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Dt/Time/Init _____

Container: _____ Preservation: _____ Dt/Time/Init _____

Was Client Service Rep. notified of discrepancies: Yes No N/A CSR: _____ Notified By/Time: _____

Explanations / Comments

Report Comment Entered:

Labeled by: JLW @ 16:57 Labels checked by: MSA @ 17:05 RUSH Paged by: _____ @ _____

Sample Integrity Pg 2 of 2
BSK Bottles Yes No



250ml (A) 500ml (B) 1Liter (C) Amber Glass (AG)

Container(s) Received	1				
Bacti-Na ₂ S ₂ O ₃					
None (p) <small>White Cap</small>	<i>one</i>				
None (p) <small>Blue Cap</small> w/NH ₄ + Buffer	<i>1/10</i>				
HNO ₃ (p) <small>Red Cap</small>					
H ₂ SO ₄ (p) <small>Yellow Cap</small>	1B				
NaOH (p) <small>Green Cap</small>					
EDA (p) <small>Brown Cap/Label</small>					
Other:					
Dissolved Oxygen 300ml (g)					
250ml (AG) None					
250ml (AG) H ₂ SO ₄ COD <small>Yellow Label</small>					
250ml (AG) Na ₂ S ₂ O ₃ 515/547 <small>Blue Label</small>					
250ml (AG) Na ₂ S ₂ O ₃ + MCAA 531.1 <small>Orange Label</small>					
250ml (AG) NH ₄ Cl 552 <small>Blue Label</small>					
250ml (AG) EDA DBPs <small>Brown Label</small>					
250ml (AG) Other					
500ml (AG) None					
500ml (AG) H ₂ SO ₄ <small>Yellow Label</small>					
1 Liter (AG) None					
1 Liter (AG) H ₂ SO ₄ O&G / TPH Diesel <small>Yellow Label</small>	1				
1 Liter (AG) Na ₂ S ₂ O ₃ 548 / 525 / 521 <small>Blue Label</small>					
1 Liter (P) Na ₂ S ₂ O ₃ + H ₂ SO ₄ 549					
1 Liter (AG) NaOH+ZnAc Sulfide					
40ml VOA Vial Clear - HCL					
40ml VOA Vial Clear - Buffer pH 4					
40ml VOA Vial Clear - None					
40ml VOA Vial Amber - Na ₂ S ₂ O ₃					
40ml VOA Vial Clear - Na ₂ S ₂ O ₃ 504, 505					
40ml VOA Vial Clear - H ₃ PO ₄					
Other:					
1/2 Gallon (p)					
Asbestos 1 Liter Plastic/Foil					
Radon 200ml Clear (g)					
Low Level Hg/Metals Double Baggie					
Bioassay Jug					
Ampule					
PT Sample Bottle					
250 Clear Glass Jar					
500 Clear Glass Jar					
1 Liter Clear Glass Jar					
Plastic Bag					
Soil Tube Brass / Steel / Plastic					
Tedlar Bags					



A2D0155

04/16/2012

Sammy Bulgara
Fresno's Truck Wash
4170 S. Bagley Ave
Fresno, CA 93725

Dear Sammy Bulgara,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 04/03/2012 13:15.

If additional clarification of any information is required, please contact your Client Services Representative, Renea Rangell at (800) 877-8310 or (559) 497-2888.

BSK ASSOCIATES

A handwritten signature in black ink, appearing to read "Michael Ng". The signature is written in a cursive style and is positioned above a horizontal line.

Michael Ng For Renea Rangell
Client Services Manager



04/16/2012

Case Narrative

Work Order Information

Client Name: Fresno's Truck Wash
Client Code: fresn1149
Work Order: A2D0155
Project: General - Malaga County

Submitted by: Sammy Bulgara
Shipped by: Walk-In
COC Number:
TAT: 10
PO #:

Sample Receipt Conditions

Cooler: Default Cooler **Temp. °C:** 28
Containers Intact
COC/Labels Agree
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Initial receipt at BSK-FAL

Report Manager
Sammy Bulgara

Report Format
Final.rpt



Certificate of Analysis

Sammy Bulgara
 Fresno's Truck Wash
 4170 S. Bagley Ave
 Fresno, CA 93725

Report Issue Date: 4/16/2012 18:57
Received Date: 04/03/2012
Received Time: 13:15

Lab Sample ID: A2D0155-01
Sample Date: 04/03/2012 12:40
Sample Type: Grab

Sampled by: Client
Matrix: Water

Sample Description: Sample 3

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Biochemical Oxygen Demand	SM 5210 B	760	25	mg/L	5	A203364	04/04/12 08:21	04/09/12 10:19	WC05
Conductivity @ 25C	SM 2510 B	2100	1.0	umhos/cm	1	A203371	04/03/12	04/03/12	
pH (1)	SM 4500-H+ B	7.2		pH Units	1	A203371	04/03/12	04/03/12	
pH Temperature in °C		22.0							
Total Dissolved Solids	SM 2540C	1700	5.0	mg/L	1	A203408	04/04/12	04/09/12	

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
<u>Oil and Grease (Soxhlet)</u>									
*Total Oil & Grease	SM 5520D	49	1.0	mg/L	1	A203690	04/10/12	04/11/12	



General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Date Analyzed	Qual
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Batch: A203364

Analyst: CEG

Prepared: 4/4/2012

Blank (A203364-BLK1) SM 5210 B - Quality Control

Biochemical Oxygen Demand	ND	5.0	mg/L							04/09/12	
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Blank Spike (A203364-BS1) SM 5210 B - Quality Control

Biochemical Oxygen Demand	370	5.0	mg/L	400		93	70-130			04/09/12	
---------------------------	-----	-----	------	-----	--	----	--------	--	--	----------	--

Blank Spike Dup (A203364-BSD1) SM 5210 B - Quality Control

Biochemical Oxygen Demand	370	5.0	mg/L	400		93	70-130	0	20	04/09/12	
---------------------------	-----	-----	------	-----	--	----	--------	---	----	----------	--

Duplicate (A203364-DUP1) SM 5210 B - Quality Control

Source: A2D0182-01

Biochemical Oxygen Demand	7.8	5.0	mg/L	7.9				1	10	04/09/12	
---------------------------	-----	-----	------	-----	--	--	--	---	----	----------	--

Batch: A203371

Analyst: CEG

Prepared: 4/3/2012

Blank (A203371-BLK1) SM 2510 B - Quality Control

Conductivity @ 25C	ND	1.0	umhos/cm							04/03/12	
--------------------	----	-----	----------	--	--	--	--	--	--	----------	--

Duplicate (A203371-DUP1) SM 2510 B - Quality Control

Source: A2D0154-13

Conductivity @ 25C	2000	1.0	umhos/cm	2000				0	20	04/03/12	
pH (1)	8.1		pH Units	8.1				0	20	04/03/12	

Duplicate (A203371-DUP2) SM 2510 B - Quality Control

Source: A2D0149-02

Conductivity @ 25C	1500	1.0	umhos/cm	1600				1	20	04/03/12	
pH (1)	8.1		pH Units	8.1				0	20	04/03/12	

Batch: A203408

Analyst: DEH

Prepared: 4/4/2012

Blank (A203408-BLK1) SM 2540C - Quality Control

Total Dissolved Solids	ND	5.0	mg/L							04/09/12	
------------------------	----	-----	------	--	--	--	--	--	--	----------	--

Blank (A203408-BLK2) SM 2540C - Quality Control

Total Dissolved Solids	ND	5.0	mg/L							04/09/12	
------------------------	----	-----	------	--	--	--	--	--	--	----------	--

Duplicate (A203408-DUP1) SM 2540C - Quality Control

Source: A2D0154-06

Total Dissolved Solids	620	5.0	mg/L	620				1	20	04/09/12	
------------------------	-----	-----	------	-----	--	--	--	---	----	----------	--

Duplicate (A203408-DUP2) SM 2540C - Quality Control

Source: A2D0191-01

Total Dissolved Solids	240	5.0	mg/L	240				2	20	04/09/12	
------------------------	-----	-----	------	-----	--	--	--	---	----	----------	--



Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
---------	--------	----	-------	-------------	---------------	------	-------------	-----	-----------	---------------	------

Batch: A203690

Analyst: AMR

Prepared: 4/10/2012

Blank (A203690-BLK1) SM 5520D - Quality Control

Total Oil & Grease	ND	1.0	mg/L							04/11/12	
--------------------	----	-----	------	--	--	--	--	--	--	----------	--

Blank Spike (A203690-BS1) SM 5520D - Quality Control

Total Oil & Grease	20	1.0	mg/L	20		98	70-130			04/11/12	
--------------------	----	-----	------	----	--	----	--------	--	--	----------	--

Blank Spike Dup (A203690-BSD1) SM 5520D - Quality Control

Total Oil & Grease	20	1.0	mg/L	20		102	70-130	4	30	04/11/12	
--------------------	----	-----	------	----	--	-----	--------	---	----	----------	--



Certificate of Analysis

04/16/2012

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified criteria unless otherwise noted within this report.
- The results relate only to the samples analyzed in accordance with test(s) requested by the client on the Chain of Custody document. Any analytical quality control exceptions to method criteria that are to be considered when evaluating these results have been flagged and are defined in the data qualifiers section.
- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- * - This is not a NELAP accredited analyte.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)		:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

WC05 Only one dilution for this sample met the method criteria for depletion. However, three or more dilutions exhibited a linear relationship. Therefore, the BOD result was reported but should be considered an estimated value.

A2D0155



Fresno's Truck Wash

fresn1149



04032012

Turnaround: Standard
Due Date: 4/17/2012

Sample Integrity Pg. 1 of 2



Date Received 4/3/12

Section 1- Receiving Information

Sample Transport: ONTRAC UPS PMS Walk-In BSK-Courier GSO Fed Exp. Other: _____

Samples arrived at lab on same day sampled: Yes X No _____ Has Chilling Process Begun: Yes _____ No X

Coolers/Ice Chests Description/Temperature(s): (If more than 5 received, list information in comment section)

1) 28° 2) _____ 3) _____ N/A 5) _____

Was Temperature In Range: Y N N/A Received On Ice: Wet ~~Blue~~ Received Ambient: Y N

Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other

Initial Receipt: BSK-Visalia BSK-Bakersfield BSK-SAC BSK-FAL

Were ice chest custody seals present? Y N Intact: Y N

Section 2- COC Info.

	Completed		Info From Container	Completed		Info From Container
	Yes	No		Yes	No	
Was COC Received	<u>✓</u>				Analysis Requested	<u>✓</u>
Date Sampled	<u>✓</u>				Hold times less than 72hr	<u>✓</u>
Time Sampled	<u>✓</u>				Client Name	<u>✓</u>
Sample ID	<u>✓</u>				Address	<u>✓</u>
Special Storage/Handling Ins.		<u>✓</u>			Telephone #	<u>✓</u>

Section 3- Bottles / Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<u>✓</u>			
Were bottle custody seals present?		<u>✓</u>		
Were bottle custody seals intact?		<u>✓</u>		
Did all bottle labels agree with COC?	<u>✓</u>			
Were correct containers used for the tests requested?	<u>✓</u>			
Were correct preservations used for the tests requested?	<u>✓</u>			
Was a sufficient amount of sample sent for tests indicated?	<u>✓</u>			
Were bubbles present in VOA Vials? (Volatile Methods Only)				
Were Ascorbic Acid Bottles received with the VOAs?			<u>✓</u>	

Section 4- Comments / Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Dt/Time/Init _____

Container: _____ Preservation: _____ Dt/Time/Init _____

Was Client Service Rep. notified of discrepancies: Yes No N/A CSR: _____ Notified By/Time: _____

Explanations / Comments

Report Comment Entered:

Labeled by: YS @ 1462 Labels checked by: CEG @ 1420 RUSH Paged by: _____ @ _____

Sample Integrity

Pg 2 of 2

BSK Bottles Yes No



250ml (A) 500ml (B) 1Liter (C) Amber Glass (AG)

Container(s) Received	1					
Bacti Na ₂ S ₂ O ₃						
None (p) <small>White Cap</small>						
None (p) <small>Blue Cap</small> w/NH ₄ + Buffer	2					
HNO ₃ (p) <small>Red Cap</small>						
H ₂ SO ₄ (p) <small>Yellow Cap</small>						
NaOH (p) <small>Green Cap</small>						
EDA (p) <small>Brown Cap/Label</small>						
Other:						
Dissolved Oxygen 300ml (g)						
250ml (AG) None						
250ml (AG) H ₂ SO ₄ COD <small>Yellow Label</small>						
250ml (AG) Na ₂ S ₂ O ₃ 515 / 547 <small>Blue Label</small>						
250ml (AG) Na ₂ S ₂ O ₃ + MCAA 531.1 <small>Orange Label</small>						
250ml (AG) NH ₄ Cl 552 <small>Purple Label</small>						
250ml (AG) EDA DBPs <small>Brown Label</small>						
250ml (AG) Other						
500ml (AG) None						
500ml (AG) H ₂ SO ₄ <small>Yellow Label</small>						
1 Liter (AG) None						
1 Liter (AG) H ₂ SO ₄ O&G / TPH Diesel <small>Yellow Label</small>	2					
1 Liter (AG) Na ₂ S ₂ O ₃ 548 / 525 / 521 <small>Blue Label</small>						
1 Liter (P) Na ₂ S ₂ O ₃ + H ₂ SO ₄ 549						
1 Liter (AG) NaOH+ZnAc Sulfide						
40ml VOA Vial Clear - HCL						
40ml VOA Vial Clear - Buffer pH 4						
40ml VOA Vial Clear - None						
40ml VOA Vial Amber - Na ₂ S ₂ O ₃						
40ml VOA Vial Clear - Na ₂ S ₂ O ₃ 504, 505						
40ml VOA Vial Clear - H ₃ PO ₄						
Other:						
1/2 Gallon (p)						
Asbestos 1 Liter Plastic/Foil						
Radon 200ml Clear (g)						
Low Level Hg/Metals Double Baggie						
Bioassay Jug						
Ampule						
PT Sample Bottle						
250 Clear Glass Jar						
500 Clear Glass Jar						
1 Liter Clear Glass Jar						
Plastic Bag						
Soil Tube Brass / Steel / Plastic						
Tedlar Bags						

M

4/3/12



A2E0787

05/22/2012

Les Lemons
Fresno's Truck Wash
4170 S. Bagley Ave
Fresno, CA 93725

Dear Les Lemons,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 05/09/2012 14:33.

If additional clarification of any information is required, please contact your Client Services Representative, Renea Rangell at (800) 877-8310 or (559) 497-2888.

BSK ASSOCIATES

A handwritten signature in black ink, appearing to read "Michael Ng". The signature is written in a cursive, flowing style.

Michael Ng For Renea Rangell
Client Services Manager



05/22/2012

Case Narrative

Work Order Information

Client Name: Fresno's Truck Wash
Client Code: fresn1149
Work Order: A2E0787
Project: General - Malaga County

Submitted by: Sammy Bulgara
Shipped by: Walk-In
COC Number:
TAT: 10
PO #:

Sample Receipt Conditions

Cooler: Default Cooler **Temp. °C:** 26
Containers Intact
COC/Labels Agree
Received On Wet Ice
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Initial receipt at BSK-FAL

Report Manager

Sammy Bulgara
Russ Holcomb

Report Format

Final.rpt
Final.rpt



Certificate of Analysis

Les Lemons
Fresno's Truck Wash
4170 S. Bagley Ave
Fresno, CA 93725

Report Issue Date: 5/22/2012 20:03
Received Date: 05/09/2012
Received Time: 14:33

Lab Sample ID: A2E0787-01
Sample Date: 05/09/2012 14:33
Sample Type: Grab
Sampled by: Client
Matrix: Water

Sample Description: Sample 3

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Biochemical Oxygen Demand	SM 5210 B	230	5.0	mg/L	1	A204886	05/10/12 12:10	05/15/12 09:06	
Conductivity @ 25C	SM 2510 B	1100	1.0	umhos/cm	1	A204907	05/10/12	05/10/12	
pH (1)	SM 4500-H+ B	7.9		pH Units	1	A204907	05/10/12	05/10/12	
pH Temperature in °C		22.6							
Total Dissolved Solids	SM 2540C	830	5.0	mg/L	1	A204982	05/14/12	05/16/12	



General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Date Analyzed	Qual
Batch: A204886				Analyst: CEG		Prepared: 5/10/2012					
Blank (A204886-BLK1) SM 5210 B - Quality Control											
Biochemical Oxygen Demand	ND	5.0	mg/L							05/15/12	
Blank Spike (A204886-BS1) SM 5210 B - Quality Control											
Biochemical Oxygen Demand	370	5.0	mg/L	400		93	70-130			05/15/12	
Blank Spike Dup (A204886-BSD1) SM 5210 B - Quality Control											
Biochemical Oxygen Demand	350	5.0	mg/L	400		88	70-130	5	20	05/15/12	
Duplicate (A204886-DUP1) SM 5210 B - Quality Control											
						Source: A2E0876-01					
Biochemical Oxygen Demand	11	5.0	mg/L	10				4	10	05/15/12	
Batch: A204907				Analyst: CEG		Prepared: 5/10/2012					
Blank (A204907-BLK1) SM 2510 B - Quality Control											
Conductivity @ 25C	ND	1.0	umhos/cm							05/10/12	
Duplicate (A204907-DUP1) SM 2510 B - Quality Control											
						Source: A2E0899-02					
Conductivity @ 25C	360	1.0	umhos/cm	360				1	20	05/10/12	
pH (1)	8.0		pH Units	8.0				0	20	05/10/12	
Duplicate (A204907-DUP2) SM 2510 B - Quality Control											
						Source: A2E0843-01					
Conductivity @ 25C	290	1.0	umhos/cm	290				1	20	05/10/12	
pH (1)	8.0		pH Units	8.0				0	20	05/10/12	
Batch: A204982				Analyst: DEH		Prepared: 5/14/2012					
Blank (A204982-BLK1) SM 2540C - Quality Control											
Total Dissolved Solids	ND	5.0	mg/L							05/16/12	
Blank (A204982-BLK2) SM 2540C - Quality Control											
Total Dissolved Solids	ND	5.0	mg/L							05/16/12	
Duplicate (A204982-DUP1) SM 2540C - Quality Control											
						Source: A2E0658-01					
Total Dissolved Solids	820	5.0	mg/L	810				1	20	05/16/12	
Duplicate (A204982-DUP2) SM 2540C - Quality Control											
						Source: A2E0730-06					
Total Dissolved Solids	820	5.0	mg/L	810				1	20	05/16/12	

Certificate of Analysis

05/22/2012

Notes:

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- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- * - This is not a NELAP accredited analyte.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)		:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

A2E0787



Fresno's Truck Wash

fresn1149



05092012

Turnaround: Standard

Due Date: 05/23/2012

A2E0787
fresn1149

05/09/2012
10

also lesterlemons@comcast.net
RHOICOMB@malagacwd.org



1414 Stanislaus St., Fresno, Ca 93706
(559) 497-2888 • Fax (559) 497-2893 • www.bskassociates.com

BSK
Associates
Engineers & Laboratories

Page 7 of 9

*Required Fields

Temp 20

Company/Client Name: FRESNO TRUCK WASH Report Attention: _____ Phone: _____ Fax: _____
E-mail: SAMSFAW@YQHQA.COM

Address: 4170 S. Bagley City: FRESNO State: CA Zip: 93725
Carbon Copies: Fresno Co Tulare Co
 Merced Co Madera Co Other: _____

Project Information: _____ PO #: _____

Sampler Name (Printed / Signature): _____

How would you like your completed results sent? E-Mail Fax Mail
Reporting Options: Trace Swap LOD: _____ TAT STD 5Day** 2Day** 1Day**
Electronics Data Transfer System Number: _____

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

Sample #	Sample Description*	Sampled*		Matrix*	Comments / Station Code	e/c/f/a/c	Conductivity	total Dissolv	solids	PH	BOD
		Date	Time								
1	Sample 3	5-9-12	2:33			X	X	X	X		
2	↓	↓	↓								
3	↓	↓	↓								
4	↓	↓	↓								

Retinquished by: (Signature and Printed Name) Sammy Bulagana Company FRESNO TRUCK WASH Date 5/9/12 Time 2:33 Received by: (Signature and Printed Name) _____ Company _____

Retinquished by: (Signature and Printed Name) _____ Company LC Date 5/9/12 Time 2:33 Received by: (Signature and Printed Name) _____ Company _____

Received for Lab by: (Signature and Printed Name) Grego Samantina Gan Date 5/9/12 Time 14:33 Payment Received at Delivery: _____ Check / Cash _____ Date: _____ Amount: _____ PIA#: _____ Init. _____

Shipping Method: ONTRAC UPS GSO WALK-IN FED EX Courier: _____ Custody Seal: Y/N _____

Cooling Method: Wet Blue None Chilling Process Begun: Y/N _____

①
1
2
3
4

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf



Date Received 5/9/12

Section 1- Receiving Information

Sample Transport: ONTRAC UPS PMS Walk-in BSK-Courier GSO Fed Exp. Other: _____

Samples arrived at lab on same day sampled: Yes _____ No X Has Chilling Process Begun: Yes _____ No X

Coolers/Ice Chests Description/Temperature(s): (If more than 5 received, list information in comment section)

1) do 2) _____ 3) _____ 4) _____ 5) _____

Was Temperature In Range: Y N N/A Received On Ice: ~~Wet~~ Blue Received Ambient: Y N

Describe type of packing materials: Bubble Wrap ~~Foam~~ Packing Peanuts Paper Other: _____

Initial Receipt: BSK-Visalia BSK-Bakersfield BSK-SAC BSK-FAL

Were ice chest custody seals present? Y ~~N~~ Intact: Y ~~N~~

Section 2- COC Info.

	Completed		Info From Container	Completed		Info From Container
	Yes	No		Yes	No	
Was COC Received	<u>Y</u>					Analysis Requested
Date Sampled	<u>Y</u>					Hold times less than 72hr
Time Sampled	<u>Y</u>					Client Name
Sample ID	<u>Y</u>					Address
Special Storage/Handling Ins.		<u>Y</u>				Telephone #

Section 3- Bottles / Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<u>Y</u>			
Were bottle custody seals present?		<u>Y</u>		
Were bottle custody seals intact?		<u>Y</u>		
Did all bottle labels agree with COC?	<u>Y</u>			
Were correct containers used for the tests requested?	<u>Y</u>			
Were correct preservations used for the tests requested?	<u>Y</u>			
Was a sufficient amount of sample sent for tests indicated?	<u>Y</u>			
Were bubbles present in VOA Vials? (Volatile Methods Only)			<u>Y</u>	
Were Ascorbic Acid Bottles received with the VOAs?			<u>Y</u>	

Section 4- Comments / Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Dt/Time/Init _____

Container: _____ Preservation: _____ Dt/Time/Init _____

Was Client Service Rep. notified of discrepancies: Yes No N/A CSR: _____ Notified By/Time: _____

Explanations / Comments

Report Comment Entered:

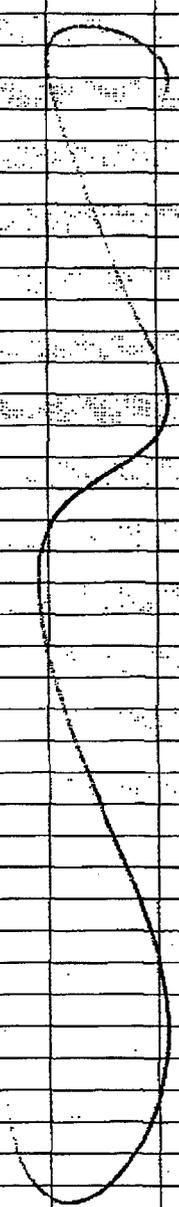
Labeled by: MS @ 1903 Labels checked by: 88 @ 1914 RUSH Paged by: _____ @ _____

Sample Integrity Pg 2 of 2
BSK Bottles Yes



250ml (A) 500ml (B) 1Liter (C) Amber Glass (AG)

Container(s) Received									
Bacti Na ₂ S ₂ O ₃									
None (p) <small>White Cap</small>									
None (p) <small>Blue Cap</small> w/NH4 + Buffer									
HNO ₃ (p) <small>Red Cap</small>									
H ₂ SO ₄ (p) <small>Yellow Cap</small>									
NaOH (p) <small>Green Cap</small>									
EDA (p) <small>Brown Cap/Label</small>									
Other:									
Dissolved Oxygen 300ml (g)									
250ml (AG) None									
250ml (AG) H ₂ SO ₄ COD <small>Yellow Label</small>									
250ml (AG) Na ₂ S ₂ O ₃ 515,547 <small>Blue Label</small>									
250ml (AG) Na ₂ S ₂ O ₃ + MCAA 531.1 <small>Orange Label</small>									
250ml (AG) NH ₄ Cl 552 <small>Purple Label</small>									
250ml (AG) EDA DBPs <small>Brown Label</small>									
250ml (AG) Other:									
500ml (AG) None									
500ml (AG) H ₂ SO ₄ <small>Yellow Label</small>									
1 Liter (AG) None									
1 Liter (AG) H ₂ SO ₄ O&G / TPH:Diesel <small>Yellow Label</small>									
1 Liter (AG) Na ₂ S ₂ O ₃ 548 / 525 / 521 <small>Blue Label</small>									
1 Liter (P) Na ₂ S ₂ O ₃ + H ₂ SO ₄ 549									
1 Liter (AG) NaOH+ZnAc Sulfide									
40ml VOA Vial Clear - HCL									
40ml VOA Vial Clear - Buffer pH 4									
40ml VOA Vial Clear - None									
40ml VOA Vial Amber - Na ₂ S ₂ O ₃									
40ml VOA Vial Clear - Na ₂ S ₂ O ₃ 504, 505									
40ml VOA Vial Clear - H ₃ PO ₄									
Other:									
1/2 Gallon (p)									
Asbestos 1Liter Plastic/Foil									
Radon 200ml Clear (g)									
Low Level Hg/Metals Double Baggie									
Bioassay Jug									
Ampule									
PT Sample Bottle									
250 Clear Glass Jar									
500 Clear Glass Jar									
1 Liter Clear Glass Jar									
Plastic Bag									
Soil Tube Brass / Steel / Plastic									
Tedlar Bags									



5/9/12
SK



A2D0800

04/24/2012

Les Lemons
Fresno's Truck Wash
4170 S. Bagley Ave
Fresno, CA 93725

Dear Les Lemons,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 04/10/2012 15:06.

If additional clarification of any information is required, please contact your Client Services Representative, Renea Rangell at (800) 877-8310 or (559) 497-2888.

BSK ASSOCIATES

A handwritten signature in black ink, appearing to read "Michael Ng". The signature is written in a cursive, flowing style.

Michael Ng For Renea Rangell
Client Services Manager



Certificate of Analysis

Les Lemons
 Fresno's Truck Wash
 4170 S. Bagley Ave
 Fresno, CA 93725

Report Issue Date: 4/24/2012 17:00
Received Date: 04/10/2012
Received Time: 15:06

Lab Sample ID: A2D0800-01
Sample Date: 04/10/2012 14:27
Sample Type: Grab

Sampled by: Client
Matrix: Water

Sample Description: Sample 3

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Biochemical Oxygen Demand	SM 5210 B	24	5.0	mg/L	1	A203698	04/11/12 10:01	04/16/12 12:42	WC05
Conductivity @ 25C	SM 2510 B	620	1.0	umhos/cm	1	A203715	04/11/12	04/11/12	
pH (1)	SM 4500-H+ B	5.7		pH Units	1	A203715	04/11/12	04/11/12	
pH Temperature in °C		21.5							
Total Dissolved Solids	SM 2540C	440	5.0	mg/L	1	A203819	04/13/12	04/17/12	



General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Date Analyzed	Qual
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Batch: A203698

Analyst: CEG

Prepared: 4/11/2012

Blank (A203698-BLK1) SM 5210 B - Quality Control

Biochemical Oxygen Demand	ND	5.0	mg/L							04/16/12	
---------------------------	----	-----	------	--	--	--	--	--	--	----------	--

Blank Spike (A203698-BS1) SM 5210 B - Quality Control

Biochemical Oxygen Demand	390	5.0	mg/L	400		98	70-130			04/16/12	
---------------------------	-----	-----	------	-----	--	----	--------	--	--	----------	--

Blank Spike Dup (A203698-BSD1) SM 5210 B - Quality Control

Biochemical Oxygen Demand	370	5.0	mg/L	400		93	70-130	5	20	04/16/12	
---------------------------	-----	-----	------	-----	--	----	--------	---	----	----------	--

Duplicate (A203698-DUP1) SM 5210 B - Quality Control

Source: A2D0854-02

Biochemical Oxygen Demand	52	5.0	mg/L	52				0	10	04/16/12	
---------------------------	----	-----	------	----	--	--	--	---	----	----------	--

Batch: A203715

Analyst: CEG

Prepared: 4/11/2012

Blank (A203715-BLK1) SM 2510 B - Quality Control

Conductivity @ 25C	ND	1.0	umhos/cm							04/11/12	
--------------------	----	-----	----------	--	--	--	--	--	--	----------	--

Duplicate (A203715-DUP1) SM 2510 B - Quality Control

Source: A2D0769-01

Conductivity @ 25C	370	1.0	umhos/cm	370				1	20	04/11/12	
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pH (1)	8.0		pH Units	7.9				0	20	04/11/12	
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Duplicate (A203715-DUP2) SM 2510 B - Quality Control

Source: A2D0797-02

Conductivity @ 25C	250	1.0	umhos/cm	250				0	20	04/11/12	
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pH (1)	8.8		pH Units	8.8				0	20	04/11/12	
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Batch: A203819

Analyst: DEH

Prepared: 4/13/2012

Blank (A203819-BLK1) SM 2540C - Quality Control

Total Dissolved Solids	ND	5.0	mg/L							04/17/12	
------------------------	----	-----	------	--	--	--	--	--	--	----------	--

Blank (A203819-BLK2) SM 2540C - Quality Control

Total Dissolved Solids	ND	5.0	mg/L							04/17/12	
------------------------	----	-----	------	--	--	--	--	--	--	----------	--

Duplicate (A203819-DUP1) SM 2540C - Quality Control

Source: A2D0850-01

Total Dissolved Solids	12	5.0	mg/L	12				0	20	04/17/12	
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Duplicate (A203819-DUP2) SM 2540C - Quality Control

Source: A2D0875-01

Total Dissolved Solids	910	5.0	mg/L	920				2	20	04/17/12	
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Certificate of Analysis

04/24/2012

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified criteria unless otherwise noted within this report.
- The results relate only to the samples analyzed in accordance with test(s) requested by the client on the Chain of Custody document. Any analytical quality control exceptions to method criteria that are to be considered when evaluating these results have been flagged and are defined in the data qualifiers section.
- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- * - This is not a NELAP accredited analyte.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)		:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

WC05 Only one dilution for this sample met the method criteria for depletion. However, three or more dilutions exhibited a linear relationship. Therefore, the BOD result was reported but should be considered an estimated value.

A2D0800



Fresno's Truck Wash

fresn1149



04102012

Turnaround: Standard
Due Date: 04/24/2012

Sample Integrity Pg. 1 of 2



Date Received 4/10/12

Section 1- Receiving Information

Sample Transport: ONTRAC UPS PMS Walk-In BSK-Courier GSO Fed Exp. Other: _____

Samples arrived at lab on same day sampled: Yes X No _____ Has Chilling Process Begun: Yes _____ No X

Coolers/Ice Chests Description/Temperature(s): (if more than 5 received, list information in comment section)

1) 2i 2) _____ 3) WAP 5) _____

Was Temperature In Range: Y N N/A Received On Ice: Wet - Blue Received Ambient: Y N

Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____

Initial Receipt: BSK-Visalia BSK-Bakersfield BSK-SAC BSK-FAL

Were ice chest custody seals present? Y N Intact: Y N

Section 2- COC Info.

	Completed		Info From Container		Completed		Info From Container
	Yes	No			Yes	No	
Was COC Received	<u>---</u>			Analysis Requested	<u>---</u>		
Date Sampled	<u>---</u>			Hold times less than 72hr	<u>---</u>		
Time Sampled	<u>---</u>			Client Name	<u>---</u>		
Sample ID	<u>---</u>			Address	<u>---</u>		
Special Storage/Handling Ins.		<u>---</u>		Telephone #	<u>---</u>		

Section 3- Bottles / Analysis

	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?	<u>---</u>			
Were bottle custody seals present?		<u>---</u>		
Were bottle custody seals intact?		<u>---</u>		
Did all bottle labels agree with COC?	<u>---</u>			
Were correct containers used for the tests requested?	<u>---</u>			
Were correct preservations used for the tests requested?	<u>---</u>			
Was a sufficient amount of sample sent for tests indicated?	<u>---</u>			
Were bubbles present in VOA Vials? (Volatile Methods Only)			<u>---</u>	
Were Ascorbic Acid Bottles received with the VOAs?			<u>---</u>	

Section 4- Comments / Discrepancies

Sample(s) Split/Preserve: Yes No Container: _____ Preservation: _____ Dt/Time/Init _____

Container: _____ Preservation: _____ Dt/Time/Init _____

Was Client Service Rep. notified of discrepancies: Yes No N/A CSR: _____ Notified By/Time: _____

Explanations / Comments

Report Comment Entered:

Labeled by: [Signature] @ 18/4 Labels checked by: [Signature] @ 18/3 RUSH Paged by: _____ @ _____

Sample Integrity Pg 2 of 2

BSK Bottles Yes No

WORK ORDER

A2D0800
fresn1149

04/10/2010

250ml (A) 500ml (B) 1Liter (C) Amber Glass (AG)



Container(s) Received	1	2	3	4	5	6	7	8	9	10
Bacti Na ₂ S ₂ O ₃										
None (p) <small>White Cap</small>	ac									
None (p) <small>Blue Cap</small> w/NH ₄ + Buffer										
HNO ₃ (p) <small>Red Cap</small>										
H ₂ SO ₄ (p) <small>Yellow Cap</small>										
NaOH (p) <small>Green Cap</small>										
EDA (p) <small>Brown Cap/Label</small>										
Other:										
Dissolved Oxygen 300ml (g)										
250ml (AG) None										
250ml (AG) H ₂ SO ₄ COD <small>Yellow Label</small>										
250ml (AG) Na ₂ S ₂ O ₃ 515/547 <small>Blue Label</small>										
250ml (AG) Na ₂ S ₂ O ₃ + MCAA 531.1 <small>Orange Label</small>										
250ml (AG) NH ₄ Cl 552 <small>Purple Label</small>										
250ml (AG) EDA DBPs <small>Brown Label</small>										
250ml (AG) Other:										
500ml (AG) None										
500ml (AG) H ₂ SO ₄ <small>Yellow Label</small>										
1 Liter (AG) None										
1 Liter (AG) H ₂ SO ₄ O&G / TPH-Diesel <small>Yellow Label</small>	2									
1 Liter (AG) Na ₂ S ₂ O ₃ 548 / 525 / 521 <small>Blue Label</small>										
1 Liter (P) Na ₂ S ₂ O ₃ + H ₂ SO ₄ 549										
1 Liter (AG) NaOH+ZnAc Sulfide										
40ml VOA Vial Clear - HCL										
40ml VOA Vial Clear - Buffer pH 4										
40ml VOA Vial Clear - None										
40ml VOA Vial Amber - Na ₂ S ₂ O ₃										
40ml VOA Vial Clear - Na ₂ S ₂ O ₃ 504, 505										
40ml VOA Vial Clear - H ₃ PO ₄										
Other:										
1/2 Gallon (p)										
Asbestos 1Liter Plastic/Foil										
Radon 200ml Clear (g)										
Low Level Hg/Metals Double Baggie										
Bioassay Jug										
Ampule										
PT Sample Bottle										
250 Clear Glass Jar										
500 Clear Glass Jar										
1 Liter Clear Glass Jar										
Plastic Bag										
Soil Tube Brass / Steel / Plastic										
Tedlar Bags										

[Handwritten scribble]

4/10/10



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

California ELAP Certificate #1371

May 31, 2012

Work Order #: 2E25013

Chris Lopes
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 05/25/12 . For your reference, these analyses have been assigned laboratory work order number 2E25013.

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 that reads 'Lisa Montijo'.

Lisa Montijo
Client Services Assistant



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: Chris Lopes

Reported:
 05/31/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Fresno Truck Wash	2E25013-01	Water	05/25/12 00:00	05/25/12 12:33

Analytical Report for Work Order 2E25013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Fresno Truck Wash							Sampled: 05/25/12 00:00 2E25013-01 (Water)				
Turbidity		66	1.0	0.20	NTU	10	T2E2513	05/25/12	05/25/12	EPA 180.110101	
Specific Conductance (EC)		640	1.0	1.0	µS/cm	1	T2E3014	05/30/12	05/30/12	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.

California ELAP Certificate #1371

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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 05/31/2012

Inorganics - Quality Control

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

Batch T2E2513

Duplicate (T2E2513-DUP1)		Source: 2E25008-01		Prepared & Analyzed: 05/25/12						
Turbidity		0.240	0.10	NTU		0.270			11.8	20
Duplicate (T2E2513-DUP2)		Source: 2E25015-01		Prepared & Analyzed: 05/25/12						
Turbidity		1.99	0.10	NTU		2.07			3.94	20

Batch T2E3014

LCS (T2E3014-BS1)		Prepared & Analyzed: 05/30/12								
Specific Conductance (EC)		536	1.0	µS/cm	500		107	80-120		20
LCS (T2E3014-BS2)		Prepared & Analyzed: 05/30/12								
Specific Conductance (EC)		537	1.0	µS/cm	500		107	80-120		20
LCS Dup (T2E3014-BSD1)		Prepared & Analyzed: 05/30/12								
Specific Conductance (EC)		536	1.0	µS/cm	500		107	80-120	0.00	20
LCS Dup (T2E3014-BSD2)		Prepared & Analyzed: 05/30/12								
Specific Conductance (EC)		535	1.0	µS/cm	500		107	80-120	0.373	20
Duplicate (T2E3014-DUP1)		Source: 2E25008-01		Prepared & Analyzed: 05/30/12						
Specific Conductance (EC)		627	1.0	µS/cm		649			3.45	20
Duplicate (T2E3014-DUP2)		Source: 2E30008-02		Prepared & Analyzed: 05/30/12						
Specific Conductance (EC)		48.2	1.0	µS/cm		46.3			4.02	20
Duplicate (T2E3014-DUP3)		Source: 2E30039-01		Prepared & Analyzed: 05/30/12						
Specific Conductance (EC)		477	1.0	µS/cm		472			1.05	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORK ORDER #: 2525013
PAGE 1 **OF** 3

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: CAVIE CORTEZ	<input type="checkbox"/> STANDARD PRINTED REPORT <input type="checkbox"/> WRITE-ON (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET <input type="checkbox"/> County DHS: <input type="checkbox"/> Environmental Health Agency: <input checked="" type="checkbox"/> OTHER: <u>MOU</u>
COMPANY: M C W D	COMPANY:	
ADDRESS: 2580 S FRANK FRESNO CA 93725	ADDRESS: <u>None</u>	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7319	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPES	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER: ANALYSIS REQUESTED <div style="border: 1px solid black; width: 100%; height: 100%; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div>	
SIGNATURE: <i>[Signature]</i>	LIQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER G - GRAB, C - COMPOSITE		
<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"/> SPECIAL			
TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input type="checkbox"/> STANDARD			

LAB USE	NOTES ON RECEIVED CONDITION:				CLIENT SAMPLE ID	DATE	TIME	TYPE	LAB USE
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN	<input type="checkbox"/> SAMPLE(S) DAMAGED	<input type="checkbox"/> ON ICE	<input type="checkbox"/> AMBIENT TEMP.					
					FRESNO TRUCK WASH	5/25			

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		5/25/12	1215	<i>[Signature]</i>	

Sample Integrity

Pg

2 of 3

2025013

Date Received:

5/25/12

Section 1-Sampled Same Day			
Sample Transport:	<u>Walk In</u>	MTA Courier	Transported In:
Has Chilling Begun?	<u>Y</u>	<u>N</u>	<u>Ice Chest</u> Box Hand

Section 2-Sampled Previously						
Sample Transport:	CAO	UPS	Walk-In	MTA Courier	GSO	Fed Ex Other: _____
No. Coolers/Ice Chests:			Temperature(s):			
Was Temperature In Range:	<u>Y or N</u>		Received On Ice:	<u>Wet</u>	<u>Blue</u>	
Describe type of packing materials:	Bubble Wrap	Foam	Packing Peanuts	Paper	Other: _____	
Were ice chest custody seals present?	<u>Y or N</u>		Intact: <u>Y or N</u>			

Section 3-COC Info.	Completed		Info From Container		Completed	
	Yes	No			Yes	No
Was COC Received	<input checked="" type="checkbox"/>			Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>			Any hold times less than 72hr	<input checked="" type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>			Client Name	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>			Address	<input checked="" type="checkbox"/>	
Special Storage/Handling Ins.		<input checked="" type="checkbox"/>		Telephone #	<input checked="" type="checkbox"/>	

Section 4-Bottles/Analysis	Yes	No	N/A	Comment
Did all bottles arrive unbroken and intact?:	<input checked="" type="checkbox"/>			
Were bottle custody seals present?			<input checked="" type="checkbox"/>	
Were bottle custody seals intact?			<input checked="" type="checkbox"/>	
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>			
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials?: (Volatiles Methods Only)			<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs			<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies			
Sample(s) Split/Preserve: Yes <u>No</u>	Container: _____	Preservation: _____	Init: _____
Was Client Service Supervisor notified of discrepancies: Yes <u>No</u> N/A Notified by: _____			
Explanations/Comments			
Report Comment Entered:			

Labeled by: _____ Checked by: _____

Sample Integrity

Pg 3 of 3

~~2E25~~ ^{FB} 2E25 013

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received			
Bacti 100mL Thiou sulfate			
None Plastic	1A		
HNO3 Plastic			
H2SO4 Plastic			
NaOH Plastic			
Other			
Client Own			
1 L Plastic NaOH/ZnAc			
250mL (AG) None			
250mL (AG) H2SO4			
250mL (AG) Na2S2O3 515, 547, 548			
40mL (AG) Na2S2O3 + K Citrate 532			
250mL (AG) Other			
500mL Clear Glass w/ None Odor/Color/Turbidity			
1 Liter (AG) None			
1 Liter (AG) HCl			
1 Liter (AG) Na2S2O3			
1 Liter Plastic(P) unpreserved			
40mL VOA Vial -HCl VOC			
40mL VOA Vial -None			
40mL VOA Vial -H3PO4			
40mL VOA Vial (AG) -Na2S2O3 (THM)			
40mL VOA Vial -Na2S2O3			
Asbestos 1 L Plastic			
Gross Alpha/ Beta 1L Plastic HNO3 each			
Radiological 226 /228 (1 L Plastic HNO3) each			
Radon			
Low Level Hg / Metals Double Baggie			
THM Formation Potential 4-40 mL VOA w/ None			
Soil Jars Clear Glass 125mL 250mL 500mL			
Plastic Bag			
Soil Tube			
Tedlar Bags			

