



MALAGA COUNTY WATER DISTRICT

3580 SOUTH FRANK STREET – FRESNO CALIFORNIA 93725

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MAR 07 2013

RWQCB-CVR
FRESNO, CALIF.

February 28, 2013

California Regional Water Quality Control Board
Attn: Mr. Warren Gross
1685 E Street
Fresno, CA 93706

MONITORING REPORT REVIEW

Engineer _____

Compliance _____
Yes no

Date Reviewed _____

Re: Malaga County Water District
Annual Pretreatment Report for 2012

Dear Mr. Gross:

This annual report is submitted in accordance with Waste Discharge Requirements R5-2008-0033.

List of Industrial Users

Attached (see Exhibit A) is a listing of each Industrial and Commercial User within the Malaga County Water District. These records are updated as required to reflect changes in permit holders. The dischargers are categorized in two (2) classes as described below:

Class II

Most of the non-residential wastewater dischargers are warehouse or office commercial enterprises. Those facilities generally include administration staff and possible warehousing of products. Minimal specific monitoring or reporting requirements have been identified for those sites.

Several dischargers have facilities that require grease traps, sediment separators, or oil/water separators as pretreatment improvements. Examples of these facilities include a car wash, truck wash, and a trucking operation. Monitoring and reporting includes inspection of the pretreatment facilities approximately one time per year and reporting of waste hauling activities by the discharger.

Class I

The remaining facilities are industrial in nature and require more comprehensive monitoring and reporting programs. These facilities include a plate glass production plant, biomass cogeneration plant, and oil products processor. Copies of the specific monitoring and reporting programs for each of these facilities are included with this report. (Exhibit B)

Class I dischargers include:

<u>Dischargers</u>	<u>Permit No.</u>
RockTenn	1001
Air Products and Chemicals, Inc.	1140
PPG Industries	1038
Rio Bravo Fresno	1005
Stratas Foods	1008

Compliance with Permit Conditions

All dischargers are determined to be in compliance with the permit conditions with the exception of:

<u>Discharger</u>	<u>Permit No.</u>
Fresno Truck Wash	(1095)

Official notices to the respective dischargers regarding non-compliance and the respective requirements to return to compliance are attached.

§307(a) of Clean Water Act

Analytical results for pollutants identified in §307(a) of the Clean Water Act and 40 CFR 401.15 are limited. The industries served by the Malaga County Water District are generally not identified as dischargers of these pollutants.

Upset, Interference of Pass-Through Incidents

The District has experienced upset, interference or pass-through incidents that may be directly associated with industrial users of the treatment plant. The District continues with increased monitoring, education of industrial dischargers, surcharges, and consideration of reduced electroconductivity limits to address this issue.

Examples of interference incidents include foaming that may have been initiated from a truck wash and could have directly impacted TSS and turbidity of the WWTP effluent.

Baseline Monitoring Report Notification

The District contacts all Class I dischargers a minimum of once per year. The information acquired during the contact is used to update any conditions or the status of the Non-Residential Wastewater Discharge Permit.

Inspection and Sampling Activities

Many of the industrial and commercial dischargers have been subjects of independent sampling by the Malaga County Water District. Results of the testing are reviewed for consistency with self-monitoring reporting of the industrial dischargers. Facilities that

required permit renewal were contacted and inspected prior to issuance of an updated permit. Description of facilities, contact names, and relevant monitoring and reporting requirements were updated pursuant to the inspections. A copy of the typical Inspection Form template is included in Exhibit C.

During 2012, the District has been actively monitoring the effluent from most of the dischargers in addition to the self-monitoring. However, a large portion of sampling constituents didn't match the permit requirements. Those samples measure EC and Turbidity for the effluent. While EC is an important index in "Specific Discharge Prohibitions", turbidity of the discharge is not required. Instead, the pH, BOD, COD, TSS and Oil & Grease are commonly regulated, but not analyzed. MCWD will modify the sampling protocol to match the effort with each permitting conditions.

Several individual dischargers have been identified as the primary sources of electroconductivity to the collection system based on the activities at each site and monitoring information received. These dischargers are Inland Star, Cemex, Fresno Truck Center, PPG, Fresno Truck Wash, Stratas Foods, and Western Glass. The District has performed specific monitoring of many dischargers and has educated the dischargers regarding the pretreatment ordinance and limitations.

Compliance and Enforcement Activities

The District does have in place a schedule of surcharges that are directed to penalize non-compliance with the limits incorporated in the pretreatment ordinance. The District has not been required to issue surcharges or Notices of Violation in the past year.

Administrative Complaint (Exhibit D)

Fresno Truck Wash

Civil Actions

None

Criminal Actions

None

Assessment of Monetary Penalties

None in 2012.

Restriction of Flow to POTW

None

Disconnection from POTW

None

Public Participation Activities

None

Sludge Disposal Method Alterations

None

Pretreatment Program Alterations

The District will make modifications to the Program as directed by formal input and direction received from the audit conducted by the EPA in early 2010. The District has not yet received a formal report from the USEPA.

Annual Pretreatment Budget

The pretreatment program budget is a part of the overall sewer budget for the Malaga County Water District.

Respectfully,


Russ Holcomb
General Manager

MGT/LEQ

c: State Water Resources Control Board
Division of Water Quality
PO Box 944213
Sacramento, CA 9424-2130

Regional Administrator
US Environmental Protection Agency W-5
75 Hawthorne Street
San Francisco, CA 94105

Provost & Pritchard Engineering Group, Michael Taylor
286 W. Cromwell Ave.
Fresno, CA 93711

Malaga County Water District

**Exhibit A
List of Industrial Users**



Water Quality - Water Quality

Acct. Status	Permit #	MCWD Account #	Name	APN #	SIC Code	Class	Fee Paid	Permit Issued	Application / Renewed / Complete	Permit Expiration	Sewer Units	MCWD Sewer Units	# of Employees	Mailing Address Street	Mailing City	Mailing State	Mailing Zip	Facility Address Street	Authorized Rep Phone	Authorized Rep	Authorized Rep Title	Information Contact Phone	Information Contact Name	Secondary Contact Title	Notes
Active	1035	094-2	Schwans Sales Ent. Inc.	330-110-80	4222	II	\$150	12/21/00	7/6/09	12/31/11	2	2		115 West College Drive	Marshall	CA	56258	3694 S. Bagley	559-441-1534	Garv Fleming	Retail Sales Manager	559-441-1534	Garv Fleming	Retail Sales Manager	
Active	1138	010-0	McCoy-Thompson-HBKW (Group Warehouse)		4225	II	\$150	N/A	7/20/09	12/31/11	1	1	42	3100 Donald Douglas Loop North Suite # 107	Santa Monica	CA	90405	3100 Donald Douglas Loop North Suite # 107	559-265-4212	Michael Goosev	President				Old - Air Star Warehouse & Distribution
Duplicate	1172	007-13	Duplicate. See permit No 1111 for Javette Truck and Tractor			II		N/A	8/7/06	12/31/11	1	1	7	3663 E. Wawona Avenue	Fresno	CA	93725	3117 S. Willow Avenue	(559) 650-2120	Ken Enselmen	Controller	(559) 650-2120	Ken Enselmen	Controller	See also Permit 1081 for JP Lamborn Office
Active	1179	087-3	International Furniture Corporation		5021	II		4/18/06	6/30/09	12/31/11	1	1	2	PO Box 18616	Reno	NV	89511	3521 S. Maple Avenue	(415) 716-7462	Bruce Glassman	President				
Active	1180	007-10	Am-Pac Tire Distributing Inc. (DDG)	331-071-33S	5014	II	N/A	7/26/06	8/7/06	12/31/11	1	1	15	3359 E. North Avenue	Fresno	CA	93725	3359 E. North Avenue	(559) 233-0779	John Morton	Operations Manager	Same			DDG Property
Active	1188	011-4A	F. Rodgers Corporation (DDG)			II	N/A	6/6/07	8/19/09	12/31/11	1	1	15	7901 National Drive	Livermore	CA	94591	7901 National Drive	559-257-1600	Emily Phillips	Office Manager				DDG Property
Active	1197	024-4	BP precision			II	N/A	10/30/09	11/2/09	12/31/11	1	1		3385 S. Chestnut Ave	Fresno	CA	93725	3385 S Chestnut Ave	559-497-7400	Brad Peranick	Owner				
Closed	1088	069	Fresno Auto Dismantling, Inc.			II	\$150	1/19/05	6/29/09	12/31/11	4	4	6	3607 W. Magill Ave Hovanes Papikian	Fresno	CA	93711	3515 S. Highway 99	559-485-3660	Donald Sprayberry	Manager	559-485-3660	Donald Sprayberry	Maintenance	June - 2009 Was told that owner is trying to sell business. Renewed permit for the time being.
Closed	1134	011-3-1	Kent H. Landsberg Co., Division of Sunclipse, Inc	331-210-012		II	\$150	3/11/03	12/1/08	12/31/11	2	2	15	1221 Tara Court	Rocking	CA	95765	3816 S. Willow Avenue #102	916-645-8100	Maria Rataczak	HR Manager	916-645-8100	Maria Rataczak	HR Manager	
Active	1054	106	Evans Rebuilt Parts	330-031-175	7539	II	\$150	12/21/00	8/13/08	12/13/12	2	12	15	PO Box 11456	Fresno	CA	93773-1456	4321 S. Chestnut, Fresno, CA 93725	559-266-2587	Jacqueline Hammer	Vice-President	559-266-2587	Jacqueline Hammer	Vice-President	
Active	1098	029-1	Moga Tire	331-130-37	0	II	\$150	2/28/01	12/31/11	12/31/12	1	1	4	3846 S. Front Street	Fresno	CA	93725	3846 S. Front Street, Fresno, CA 93725	559-846-6000	Shan Sharma					opening a car wash for which they have not received authorization for. Sent letter. Permit
Active	1139	024-3	Cossette Investment Co. Inc. (Tenant - UCI Distribution / Consolidated Routing)	330-070-26	4225	II	\$150	6/1/04	12/31/09	12/31/12	1	1	13	3305 S. Chestnut Routing	Fresno	CA	93725	3305 S. Chestnut, Fresno, CA 93725	559-498-7098	Bryan Cossette	Vice-President	559-498-7098	Bryan Cossette	Vice-President	
Active	1008	024	Stratas Foods	331-071-275 & 305	2079	I	\$200	1/14/08	12/29/11	12/31/12	1415	453	80	3390 S. Chestnut	Fresno	CA	93725	3390 S. Chestnut	559-495-4503	Roger Metzler	Plant Manager	559-233-6262 (Plant No.)	Roger Metzler	Plant Manager	559-237-9498 (Fax No.) (used to be ADM Packaged Oils)
Active	1030	076-1	Wholesale Equipment of Fresno, Inc	330-040-045	7699	I	\$200	8/14/08	12/29/11	12/31/12	6	6	32	PO Box 2637	Fresno	CA	93745	3183 S. Golden State, Fresno, CA 93725	559-287-6985	Gerry Hudson	President	559-268-6285	Julie Orosco		
Active	1047	094-3	Brothers Wholesale Glass			II	\$150	4/19/04	8/13/08	12/31/12	3	3	7	11603 Tuxford Ave	Sun Valley	CA	91325	3680 S. Bagley	559-268-4100	Tony/Nina Oshana	President	818-252-7385	Tony/Nina Oshana	President	Formerly Jack Frost Ice Service
Active	1082	007-17	New Flyer Industries			II		6/18/09	10/28/09	12/31/12	1	1	7	711 Kernaeham	Fresno	CA	93725	3181 S. Willow Avenue, Ste 102	204-982-8404	Stan Wiseman	Business Manager				
Active	1095	046	Lester Lube Inc. D.B.A. Fresno Truck Wash	331-090-050	7542	II	\$150	6/1/04	1/3/12	12/31/12	51	51	10	4170 S. Bagley Avenue	Fresno	CA	93725	4170 S. Bagley	559-233-4849	Sammy Bulqara	President	559-233-4849			Day Operations Assistant
Active	1116	008-1	Airborne Express (DDG)			II	\$150	4/25/07	5/24/07	12/31/12	6	6	261	3688 E. Central Avenue #101	Fresno	CA	93725	3688 E. Central Ave	559-498-7027	Shawn Mellgren	Hub Manager	559-498-7027	Sid Yang	Day Operations Assistant	DDG Property (Airborne Sort Facility)
Active	1121	007-1	American Warehouse Co. Inc (American Cartage)	331-072-155	4225	II	\$150	12/23/05	10/28/09	12/31/12	1	2	25	PO Box 2879	Fresno	CA	93745	3150 S. Willow	559-265-4212	Michael Goosev	Vice-President	559-265-4212	Michael Goosev	Vice-President	
Active	1131	044-1	All Mechanical Service Inc.	331-140-011	7389	II	\$150	6/28/04	9/18/08	12/31/12	1	2	7	3237 E. Malaga Avenue, Suite 101	Fresno	CA	93725	3237 E. Malaga Ave. Suite 102	559-351-0020	Bob Christofferson	President	559-276-8492	Carlos Lara	Office Manager	Formerly Cal Chem Water Treatment
Active	1153	032-3	DDG Property - VACANT	331-090-074	1541	II	N/A	6/1/07	6/1/07	12/31/12	2	2	8	3371 E. Central Avenue	Fresno	CA	93725	3371 E. Central Avenue	559-441-4321	Fabio Martinez	Manager	Same			DDG Tenant
Active	1137	010-1 & 010-2	RGM Products, Inc. (Ridoloss)			II	\$150	4/26/07	5/24/07	12/31/12	6	19	60	3441 S. Willow Ave.	Fresno	CA	93725	3555 S. Willow Ave., Fresno, CA 93725	559-499-2222 Ext. 110	Ken Enselman	Plant Engineer	559-289-6529			See also Permit 1103 RGM - Mfg Facility (DDG Tenant)
Active	1170	011-4A	Genco Dist. Systems (DDG)	331-130-34	1541	II	\$150	9/7/07	2/7/11	12/31/12	1	1	45	3825 S. Willow Avenue	Fresno	CA	93725	3825 S. Willow Ave #104	559-237-0551	Richard Hamlin	Facility Manager	Same		Jess Easley	DDG Property
Active	1203	007-13-A	Wynit			II		5/12/10	5/12/10	12/31/12	1		22	3119 S. Willow Ave	Fresno	CA	93725	same	559-264-2291	Jim Schmidt	General Manager	559-264-2291	Penny Ingle	559-264-2291	
Active	1001	020	(Calpine) (Produce Container - Smurfit Stone) RockTenn CP, LLC		2653	I	\$365	11/4/09	11/16/12	12/31/13	393	161	90	3366 E. Muscat Avenue	Fresno	CA	93725	3366 East Muscat	559-519-7268	Larry Tignor	Environmental Services	559-519-7249	Travis Johnson		Ceres LLC is the property owner
Active	1005	005	Rio Bravo Fresno	331-072-165	4911	I	\$200	1/19/09	12/31/12	12/31/13	850	233	29	3350 S. Willow Avenue	Fresno	CA	93725	3350 S. Willow	559-264-4575	Rick Spurlock	Plant Manager	559-264-4575	Rick Spurlock	Plant Manager	Perry Bennett is the Production Manager
Active	1038	008	PPG Industries	331-020-275	3211	I	\$150	9/5/08	12/31/12	12/31/13	836	229	126	3333 S. Peach	Fresno	CA	93745	3333 S. Peach Ave	559-485-4660	Ray Yee	Plant Manager	559-493-3206	Mathew Fidel	Environmental Manager	Shared building with Air Products Permit 1140
Active	1094	076-4A	Stantec Consulting Corp/Chevron (Purity Oils)	330-060-04		II	\$150	6/1/04	12/31/12	12/31/13	2	1	1	3475 W. Shaw Ave. Suite 104	Fresno	CA	93711	3281 S Maple, Fresno, CA 93725	559-271-2650	Ralph Carson	Senior Geologist	559-271-2650	Steve Strait	Site Coordinator	
Active	1140	008	Air Products and Chemicals, Inc. C/O PPG	331-020-037	2813	I	\$200	1/20/09	12/31/12	12/31/13	132	229	1	PO Box 10100	Fresno Moon Township	CA	93725	3333 S. Peach Ave, Fresno, CA 93725	610-481-5154	Gerard Thompson	Environmental Engineer	559-289-8164	Oscar Abundes	Plant Manager	Older folders stored in Overflow box
Active	1002	006-1&2	Fedex Ground (RPS) (DDG-103)		4215	II	\$150	12/31/06	12/31/10	12/31/13	6	6	50	3292 S. Willow # 101	Fresno	PA	15108	3292 S. Willow	412-262-7306	Joseph Stearns	Environmental Manager	559-268-5920	Jenny Stags	Manager	
Active	1006	097	Wingfoot Commercial Tire System	1	7534	II	\$150	12/7/09	12/31/10	12/31/13	5	5	8	1000 21st Street/P.O. Box 48	Fort Smith	AZ	72902	3708 S. Bagley	479-788-6401	Aaron Avila	Health, Safety, & Environmental Services	559-485-7940	Doug Arnold	Center Manager	
Active	1009	011-2	Monterey Ag Resources (See also Account No. 012)	331-210-01 8331-072	5191	II	\$150	12/31/06	12/31/10	12/31/13	26	26	28	PO Box 35000	Fresno	CA	93745	3654 S. Willow	559-499-2100	Chip Powell	EHS Manager	559-268-3417	Roseanne Bright	Corporate Secretary	
Active	1012	022	Inland Star Distribution Centers	331-071-13	4214	II	\$150	2/22/08	12/31/12	12/31/13	26	31	60	PO Box 2396	Fresno	CA	93745	3146 S. Chestnut	559-237-2052	Rachel Rodriguez	Assistant Direct of EHS	559-237-2052			
Active	1020	036	Potigian Transfer Inc	331-190-07	4231	II	\$150	6/1/04	12/31/10	12/31/13	3	3	19	4041 S. Golden State	Fresno	CA	93725	4041 S. Golden State	559-268-6254	Dan Potigian		559-268-6254	Joanne Voladon	Bookkeeper	
Active	1021	044	Refreshments Inc. Pace Global Energy Services	331-090-065	5149	II	\$150	12/28/06	12/31/10	12/31/13	15	15	125	P.O. Box 21178	Columbia	SC	29221-6788	3220 E. Malaga	510-613-2717	Ann Macdonald	Environmental Affairs Manager	559-264-4631	Tim Weishaar	559-264-4631	Send original permit to facility and send copy to Environmental Manager at HQ
Active	1022	045	EM Tharp, DBA Golden State Peterbuilt		5012	II	\$150	6/1/04	12/31/10	12/31/13	13	15	43	4390 S. Bagley	Fresno	CA	93775	4390 S. Bagley	559-442-1590	David Bader	Branch Manager	559-442-1590	David Bader	Branch Manager	
Active	1025	055	SPPP, LP	330-031-595	5172	II	\$200	12/31/06	11/14/12	12/31/13	17	17	11	4149 S. Maple Ave	Fresno	CA	93725	4149 S. Maple	714-560-6672	Mark Sandon	Director of EHS	559-237-4612	Jason Brothers		Formerly known as Kinder Morgan Energy Group
Active	1026	061	Fresno Truck Center	330-031-58 S	7699	II	\$150	1/4/07	12/31/10	12/31/13	26	26	117	PO Box 12346	Fresno	CA	93777	2727 E. Central	559-486-4310	Doug Howard	Vice-President	559-486-4310	Earl Wilson	Asst. Controller	
Active	1036	053 & 054	Robert V Jenson Inc. - Mini Mart & Warehouse	330-031-61S	5541/5172	II	\$150	2/22/08	12/31/10	12/31/13	7	18	35	PO Box 12907	Fresno	CA	93779-2907	4029 S. Maple Ave	559-485-8210	Mike Martin	General Manager	559-485-8210	Mike Martin	General Manager	

Acct. Status	Permit #	MCWD Account #	Name	APN #	SIC Code	Class	Fee Paid	Permit Issued	Application / Renewal Complete	Permit Expiration	Sewer Units	MCWD Sewer Units	# of Employees	Mailing Address Street	Mailing City	Mailing State	Mailing Zip	Facility Address Street	Authorized Rep Phone	Authorized Rep	Authorized Rep Title	Information Contact Phone	Information Contact Name	Secondary Contact Title	Notes
Active	1064	013-A	Pacific Inc	331-210-008	5169	II	\$150	12/14/06	12/31/10	12/31/13	10	10	18	4545 Ardine		CA	90280	4545 Ardine South Gate	559-468-4150	James Palmer	Operations Manager	559-485-4150	James Palmer	Operations Manager	Formerly LA Chemical (Changed names in 2006)
Active	1067	042-3	Valley Truck Parts		4225	II	\$150	6/1/04	2/10/11	12/31/13	2	5		3395 E. Malaga Ave	Fresno	CA	93725	3395 E. Malaga, Fresno, CA 93725	559-498-7744	Larry Garabedian	Vice-President	559-498-7744	Larry Garabedian	Vice-President	
Active	1070	6, 077, 079, 081, 082,	Pick-A-Parts Auto Wrecking		4226	II	\$150	6/1/04	2/7/11	12/31/13	14	12	40	2274 E. Muscat	Fresno	CA	93725	2274 E. Muscat	559-268-0216	Linda Pizana	General Manager	559-485-3071	Tonya Olanda	559-268-0216	
Active	1071	068	Turning Point of Central California	330-090-19	8744	II	\$150	9/1/04	1/5/11	12/31/13	32	32	14	3547 S. Golden State	Fresno	CA	93725	3547 S. Golden State, Fresno, CA 93725	559-442-8075 Ext. 20	Jim Martinez	Program Director	559-442-8075	Jim Martinez	Program Director	
Active	1072	067-1	Fresno Truck Service	330-090-20	7892	II	\$150	7/6/09	1/17/11	12/31/13	6	6	6	3599 S. Golden State	Fresno	CA	93725	3599 S. Golden State	559-233-4749	Manjit Singh	Owner	559-233-4749			
Active	1075	126	Malaga School - Fowler USD		8211	II	\$150	6/1/04	1/17/11	12/31/13	25	25		688 E. Adams	Fowler	CA	93625	3910 S. Ward Street, Fresno, CA 93725	559-834-6080	Eric Cederquist	Assistant Superintendent	Same	Same	Same	
Active	1078	040	Greentec			II		3/20/09	12/31/10	12/31/13	4	4	7	3396 E. Malaga	Fresno	CA	93725	3396 E. Malaga	559-237-4700	Jack Wilson	President				
Active	1084	047	Bay Area Addiction Research & Treatment, Inc. (BAART)			II	\$150	7/8/04	2/7/11	12/31/13	6	6	14	1111 Market Street, 1st Floor	San Francisco	CA	94103	3103 E. Cartwright, Fresno, CA 93725	559-498-7100	Bob Mora	Clinic Director	559-498-7100	Bob Mora	Clinic Director	
Active	1085	114	Big Bear Phantom Fireworks			II	\$150	1/19/04	1/17/11	12/31/13	1	1	3	555 Martin Luther King Blvd	Youngstown	OH	44502	2777 E. Malaga, Fresno, CA 93725	209-491-5180	Ryne Conder	Central Valley Regional Manager	559-459-0610	Tom Williams	Manager	
Active	1089	088	Fresno Truck Wrecking, Inc.			II	\$150	1/19/05	2/7/11	12/31/13	2	2	3	3536 S. Maple	Fresno	CA	93745	3536 S. Maple	559-441-0501	Harold Patisaul	Manager	559-485-3660	Donald Sprayberry	Maintenance	
Active	1090	042-2	G & H Diesel Service	331-090-072	7538	II	\$150	6/1/04	12/31/10	12/31/13	5	5	15	3304 E. Malaga Ave	Fresno	CA	93725	3304 E. Malaga	559-266-5852	George Dukes & Henry Teoball	Partners/Owners	559-266-5852		Owners	
Active	1091	056, 057, 058, 059	Dan Garnel Fresno RV Center	330-110-75, 76, 77	5561	II	\$150	7/12/00	12/31/10	12/31/13	5	20	15	2448 E. Central Ave.	Fresno	CA	93725	2448 E. Central Ave	559-268-0151 Ext. 3033	Jennifer Rodriguez	Director of Parts & Service	559-268-0151	Kevin Hinde	CFO	
Active	1101	107	Rogers Truck Sales and Service	331-090-015	7538	II	\$150	12/19/05	12/31/10	12/31/13	4	4	4	4312 S. Chestnut	Fresno	CA	93725	4312 S. Chestnut	559-264-2891	Edward Rogers	Owner	559-264-2891	Edward Rogers	Owner	
Active	1112	008-0-A 008-0-B	Conway Transportation Services Attn: 9108	331-100-33,34,35,36,37	4213	II	\$150	4/8/04	12/31/10	12/31/13	9	4	90	P.O. Box 211788	Columbia	SC	29221-6788	P.O. Box 211788	559-485-1164	Bud Whitney	Manager	559-485-1164	Bud Whitney	Manager	
Active	1113	108	Estes Express		4212	II	\$150	10/27/97	1/17/11	12/31/13	2	2	51	4355 S. Chestnut	Fresno	CA	93725	4355 S. Chestnut	559-441-0915	Mike Haynes	Terminal Manager	559-441-0915	Mike Haynes	Terminal Manager	Estes Express bought out GI Trucking two years ago.
Active	1123	046-1	Fresno Equipment/Vucovich, Inc.	331-090-079	5083	II	\$150	3/14/03	12/31/10	12/31/13	8	8	33	PO Box 2513	Fresno	CA	93745	4288 S. Bagley	559-486-8020	Marsha Vucovich	President	559-486-8020	Steve Vucovich	President	
Active	1133	041	Best Tours and Travel, Inc.	331-140-047	4119	II	\$150	2/6/06	12/31/10	12/31/13	2	2	6	2609 E. McKinley	Fresno	CA	93703	3397 E. Malaga Ave	559-237-9410	Nick Sayah	President	559-237-9410	Nick Sayah	President	
Active	1151	091, 091-1	Quinn Rental Services	330-110-048	7353	II	\$150	9/10/01	12/31/10	12/31/13	3	6	11	P.O. Box 22070	LA	CA	90022	3594 S. Bagley	559-268-8800	Rudy Esquivel	Store Manager				
Active	1158	120-1	Parts Planet			II	\$150	9/1/04	2/7/11	12/31/13	3	6	14	P.O. Box 1657	Rancho Cordova	CA	95741	4646 S. Chestnut Ave. #101, Fresno, CA 93725	559-268-5500	Ron Rogers					Changed name to Fresno Specialized Development - March 2009
Active	1163	035-2	Subway #22835 (Cosette)		5812	II	\$150	3/28/03	12/31/10	12/31/13	2	2	10	PO Box 147	Fowler	CA	93625	3115 E. Central Ave.	559-443-2003	Ravneet Mahal	Owner	559-446-2001	Dana Butcher	Management Company	
Active	1169	097-1	Diesel Technology	330-110-069	7538	II		12/31/05	12/31/10	12/31/13	2	0	7	3689 South Bagley Ave	Fresno	CA	93725	3689 S. Bagley Ave	559-268-2870	Robert Brown	CFO	559-268-2870	Robert Brown	CFO	
Active	1174	026	American Transit Cemix Company (Shubin)	330-090-41	0	II		8/13/03	1/17/11	12/31/13	2	2	21	4335 N. Golden State Blvd. #103	Fresno	CA	93722	3477 S. Chestnut, Fresno, CA 93725	559-217-8626	Harry Ambrosini	General Operations Manager	559-217-8626	Harry Ambrosini	General Operations Manager	(William Shubin)
Active	1186	120	United Parcel Service	330-212-13	4214	II		12/31/2010	12/31/2010	12/31/2013	7	10	75	P.O. Box 182669	Columbus	OH	43218-2669	4587 S. Chestnut	559-442-2925	Frank Fluores	Environmental Services	213-215-7938			
Active	1188	092-1	Leap Truck Body Repair	330-110-50	1541	II		10/3/06	9/1/11	12/31/13	1	1	2	1042 N. Manila	Clovis	CA	93612	3620 S. Bagley Avenue	559-260-7126	Lori Gelger	Owner	Patrick Gelger	559-266-4224		
Active	1200	035-2C	Sau Baba Dana Butcher (Yoshi's)			II		Sent w/Permit 7/9/09	12/31/10	12/31/13	2	2		1690 W. Shaw Ste 220	Fresno	CA	93711	3135 E. Central Ave.	559-446-2001	Warren Yoshimoto	Owner	559-237-3800			
Active	1003	002	IGS Resources		5032	II	\$150	7/12/00	12/28/11	12/31/14	6	3	2	10653 S. River Front Parkway Suite 300 Attn: West Region	South Jordan	UT	84095	3440 S. Willow	408-996-4245	John Rector	Plant Services Manager				
Active	1013	023	Crop Production Services	330-070-24	5191	II	\$150	1/23/07	12/28/11	12/31/14	4	6	25	3173 S. Chestnut	Fresno	CA	93725	3173 S. Chestnut	559-487-1516	Dale Allen	Safety Officer	559-487-1516			
Active	1023	048	Charlie Lambetechio R&S Erection Tri-County Inc.	331-100-032	5012	II	\$150	5/2/11		12/31/14	1		2	5265 Jerusalem Ct	Modesto	CA	95356	3051 E. Cartwright	209-526-8760	Laura Bucher	Accounts Receivable	209-526-8760	Laura Bucher	Jay Archelme/owner	
Active	1027	062	SAH Bros. LLC - Arco Station	330-031-052	5411	II	\$150	5/13/03	1/3/12	12/31/14	7	10	11	4025 S. Chestnut	Fresno	CA	93725	4025 S. Chestnut	530-824-8420	Arco	Store Manager	818-442-4095		Formerly BP Products North America (559-486-0540 - Janice Spicer) CCT leases with option to buy	
Active	1028	065	Central Cal Transportation	331-130-33	4731	II		2/22/07	12/28/11	12/31/14	1	11	6	P.O. Box 12084	Fresno	CA	93776	3032 E. Central	559-237-8700	David Chidester	President				
Active	1029	073	Lupe Cedillo (Lupe's Auto Repair)			II		2/27/09	12/28/11	12/31/14	1	3	2	3411 S. Golden State Blvd./P.O. Box 2493	Fresno	CA	93745	3411 S. Golden State Blvd.	559-486-7407	Lupe Cedillo					
Active	1031	076-3	Anyway Logistics Inc.	330-040-53	4225	II	\$150	1/6/12	1/6/12	12/31/14	1	1	4	3021 Golden State Blvd.	Fresno	CA	93725	3021 S. Golden State Blvd.	559-485-7711	David Dhillon	President	485-7711			
Active	1042	094-1	Sportsmobile West	330-110-052	7532	II	\$150	2/14/06	12/28/11	12/31/14	2	2	45	3631 S. Bagley	Fresno	CA	93725	3631 S. Bagley	559-233-8267	Kim Clark	Account Manager	559-233-8267	Kim Clark	Account Manager	
Active	1046	0858, 087	Meeder Equipment Company (Ransome Manufacturing)	330-080-33	3491	II	\$150	6/27/03	5/2/11	12/31/14	2	9	25	P.O. Box 12446	Fresno	CA	93777	3495 S. Maple Ave	559-485-0797	James A. Moe	Sec/Tres	559-485-0979	James A. Moe	Sec/Tres	
Active	1056	111-A	Chrisp Co.			II	\$150	1/6/12	1/6/12	12/31/14	2	2	8	P.O. Box 1358	Fremont	CA	94538	3049 E. Malaga	510-656-2840	Robert Chrisp	District Manager				Formerly SMA Equipment
Active	1069	035	Calpine Containers	331-190-08	2653	II	\$150	6/1/04	12/28/11	12/31/14	5	11	25	9499 N. Fort Washington Rd 103	Fresno	CA	93730	3151 E. Central Ave, Fresno, CA 93725	(559) 237-3147			559-237-3147	Tom Paysno		
Active	1073	063, 064	J. Blue DBA Central Car Wash	331-190-08	7542	II	\$150	7/5/04	12/28/11	12/31/14	12	12		PO Box 7628	Fresno	CA	93747	3864 S. Chestnut	209-298-6919	Johnny Blue	Owner	209-298-6919	Johnny Blue	Owner	
Active	1077	039, 039A	Ruckstell			II		3/2/09	12/28/11	12/31/14	1	1	8	PO Box 12543	Fresno	CA	93778	3399 E. Malaga	559-233-3277	Ed Inahara	Owner				
Active	1079	099	r. Fleke Recycling Inc.		4225	II	\$150		12/28/11	12/31/14	1	1	5	1710 W. Pine	Fresno	CA	93728	3733 S. Bagley Avenue	(559) 233-9361	Rick Flake	Owner	Same			12/3/08 Tenant is Valley Rubber (Supply House)
Active	1080	007-16, 007-16A	Tire Centers, LLC	331-071-375	5014	II	\$175	2/11/08	12/28/11	12/31/14	1	1	12/7-	3181 S. Willow Ave # 101	Fresno	CA	93725	3181 S. Willow Avenue, Suite 101	864-329-2751	Larry Bailey	Dir. Of Real Estate & Development	Same			DDG Property
Active	1081	014-1,014-2	JP Lamborn (Office) DDG124	331 210 05	3441	II	N/A	7/13/06	12/28/11	12/31/14	1	1	7	3663 E. Wawona Avenue	Fresno	CA	93725	3663 E. Wawona Avenue		Ken Engelmen	Controller	Same			See also Permit 1172 for JP Lamborn Fabrication Facility
Active	1086	037	Custom Truck Painting & Sign Company			II		3/29/06	12/28/11	12/31/14	1	4	4	4227 S. Golden State	Fresno	CA	93725	4227 S. Golden State	559-233-0690	Emodio Tovar		559-233-0690			Mailed a new application on 2/8/06
Active	1087	103-1	Guadalarata	330-110-835	5812	II	\$150	7/10/02	1/3/12	12/31/14	15	15	5	3020 N. Weber Ave	Fresno	CA	93705	2982 E. Central Avenue	559-260-5148	Richard Garcia	Owner	559-266-9522			
Active	1103	003	RGM Products, Inc. (Ridgless)	331-071-023	2952	II	\$150	7/22/05	12/28/11	12/31/14	17	17	65	3441 S. Willow	Fresno	CA	93725	3441 S. Willow	559-499-2222	Ken Engelman	Plant Engineer	559-499-2222	Ken Engelman	Plant Engineer	See also Permit 1137 RGM - Pkoino
Active	1104	095	D																						

Acct. Status	Permit #	MCWD Account #	Name	APN #	SIC Code	Class	Fee Paid	Permit Issued	Application / Renewal Complete	Permit Expiration	Sewer Units	MCWD Sewer Units	# of Employees	Mailing Address Street	Mailing City	Mailing State	Mailing Zip	Facility Address Street	Authorized Rep Phone	Authorized Rep	Authorized Rep Title	Information Contact Phone	Information Contact Name	Secondary Contact Title	Notes	
Active	1127	084-1	Weldin Bash	330-080-01		II	\$150	1/12/00	12/28/11	12/31/14	1	1	1	5409 E. Tulare	Fresno	CA	93727	3419 S. Maple Ave.	559-251-1680	Mr. Bash	Owner	559-251-1680	Mr. Bash	Owner		
Active	1148	007-6, 007-8A	Mercury Marine (DDG)	331-071-34	5088	II	\$150	5/17/06	1/5/12	12/31/14	1	1	5	P.O. Box 1337	Fond Du Lac	WI	54936-1337	3421 E. North Ave. #101	559-266-0551	Alex Montes	Distribution Center Manager	559-266-0551				
Active	1149	008-E, 008-F	Vivendi Universal Interactive	331-100-024	5045	II	\$150	5/22/07	1/3/12	12/31/14	10	7	95	4247 S. Minnewawa	Fresno	CA	93725	4247 S. Minnewawa	559-442-6076	Tim Boos	Facility Manager	559-442-6076	Tim Boos	Facility Manager	DDG Property	
Active	1150	008-C & 008-D	Pactiv Corporation (DDG)			II		8/7/06	1/3/12	12/31/14	2	2	20	4403 E. Central Ave. #104	Fresno	CA	93727	4403 E. Central Avenue #103 & 104								
Active	1155	007-14, 007-14A	Sindair Systems			II	\$150	4/30/07	1/3/12	12/31/14	6	6	74	3115 S. Willow Ave.	Fresno	CA	93725	3115 S. Willow Avenue	559-445-1376	Bill Gohlke	Plant manager	Same	Same		DDG Property	
Active	1159	035-2C	Plaza Concrete			II		1/6/12	1/6/12	12/31/14	2	2	1	14825 E Lincoln	Parlier	CA	93648	3121 E. Central Avenue	559-486-4889	Jose Vaca	Secretary					
Active	1166	011-5, 011-5A	School Specialty (DDG-326)	331-130-034	5111	II	\$150	12/31/05	1/3/12	12/31/14	2	2	35	P.O. Box 1017	Appleton	WI	54912	600 W. Shaw Suite 160	559-442-5881	Charles Taylor	Distribution Center Manager	559-442-5881	Charles Taylor	Distribution Center Manager	DDG Property	
Active	1175	TBD	D&H Distributing	331-020-495-2	1541	II		1/25/05	1/5/12	12/31/14	6		65	2525 N. Seventh Street	Harrisburg	PA	17110-0967	3701 S. Minnewawa Avenue		James Schwab	Member	559-651-2668	Bill McClure	Operations Manager	never billed for water/fire. MGT did site visit and working with developer and District to resolve issue.	
Active	1176	098-1	Foster Poultry Farms, Inc	330-110-65		II	\$150	1/12/05	1/3/12	12/31/14	1	2	9	P.O. Box 457	Winston	CA	95334	3717 S. Bagley Avenue	209-444-2727	James V. Marnatti	Environmental Affairs Manager	209-394-6934	James V. Marnatti	Environmental Affairs Manager		
Active	1177	036-1	Garcia's Pallets		2448	II	\$150	10/15/04	1/5/12	12/31/14	3	1	50	4125 S. Golden State Blvd	Fresno	CA	93725	4125 S. Golden State Blvd	(559) 485-8182	Guadalupe Garcia	Owner	(559) 485-8182	Arturo Avala	Administrator	Inspection Required in 2007	
Active	1178	007-3-A	Provide-Commerce (Proflowers.com)	331-071-36	5992	II	\$150	6/1/07	1/5/12	12/31/14	1	1	12	4840 East Gate Mall	San Diego	CA	92121	3149 S. Willow Ave. #102	(559) 266-9257	Jorge Soto	Operations Manager	Same			DDG Property	
Active	1181	014	Valley Express (A to Z Property Owner)			II		Mailed Application 7/30/09	1/5/12	12/31/14	1	1	15	1447 W. San Ramon	Fresno	CA	93725	3630 E. Wawona #105	559-485-9000	Jeff Allen	President				A to Z is the property owner - Robert 435-6028	
Active	1192	070-A	GGC Enterprises			II			1/5/12	12/31/14	15	15		P.O. Box 2755	Calwa	CA	93745	3507 S. Golden State Blvd.	559-259-4756	Jim Light						
Active	1193	071	Linda Phillips					Mailed 10/2/09	1/5/12	12/31/14	5	3		1445 S. Minnewawa	Fresno	CA	93725	3455 S. Golden State Blvd.	559-255-0931	Linda Phillips					F	
Active	1201	087-1	AGP Supply			II		6/9/09	1/5/12	12/31/14	1	1	2	3511 S. Maple	Fresno	CA	93725	3511 S. Maple	559-233-0099	Yana Nam	Owner	Same				
Active	1202	007-12	Kao, USA, Inc.			II			1/5/12	12/31/14	1	1	18	981 Corporate Blvd	Lithicum Heights	MD	21090	3359 E. North Ave.	443-599-5255	Walter Kaba	Planner	443-577-5256	Ivan Sanchez			
Active	1043	117	RLR Investments	330-210-043	4231	II	\$150	5/12/10	1/4/13	12/31/15	7	7	71	P.O. Box 8000	Wililmington	OH	45177	4477 S. Chestnut	408-323-4561	Teresa Berry	Director of Properties	800-799-0178	Teresa Berry	N/A		
Active	1076	029	Los Dos Amigos Auto Body		7532	II	\$150	1/7/05	12/31/12	12/31/15	2	2	2	3686 S. Front Street	Fresno	CA	93725	3686 S. Front Street	559-442-1118	Vicente Garcia	Owner	559-442-1118	Vicente Garcia	Owner		
Active	1121	007-2	American Warehouse Co. Inc (American Cartage)	331-072-155	4225	II	\$150	12/23/05	12/31/12	12/31/15	1	1	25	PO Box 2879	Fresno	CA	93745	3150 S. Willow	559-265-4212	Michael Goosev	Vice-President	559-265-4212	Michael Goosev	Vice-President		
Active	1007	007-A, 007-A-1	El Lily and Company / Western Regional Center	331-070-06 & 331-070-10	4225	II	\$150	5/1/07	12/31/12	12/31/15	1	4	5	3131 S. Willow Avenue	Fresno	CA	93725	3131 S. Willow	559-443-2630	Diane Salinas	Supervisor	Same	Same	S	DDG Property/DDG pays water	
Active	1015	025	Continental Auto Dismantling		5093	II	\$150	6/1/04	12/31/12	12/31/15	4	6	0	3465 S. Chestnut	Fresno	CA	93725	3465 S. Chestnut	559-268-4623	Abe Salvia	Owner	559-268-4623	Abe Salvia	Owner		
Active	1016	027	SA Recycling LLC.		5093	II	\$150	1/20/04	12/31/12	12/31/15	5	5	18	3200 E. Frontera St.	Anaheim	CA	92806	3489 S. Chestnut	559-237-6677	Sean McCormick	General Manager	559-237-6677	Sean McCormick	General Manager		
Active	1018	032	Snowden Enterprises Inc.	331-190-09	5191	II	\$150	6/5/07	12/31/12	12/31/15	1	1	11	PO Box 751	Fresno	CA	93712	3257 E. Central Ave	559-237-5546	Kirk Shermer	Vice-President	559-237-5546	Kirk Shermer	Vice-President		
Active	1032	078	Bruno's Used Materials	330-080-25	5093	II	\$150	7/26/04	12/31/12	12/31/15	2	2	0	3211 S. Golden State Blvd.	Fresno	CA	93725	2373 E. Muscat	559-233-6543	Randy Tosi	Manager	559-233-6543	Randy Tosi	Manager		
Active	1033	084	SS Truck & Trailer Repair	330-090-031	5063	II	\$150	5/14/03	12/31/12	12/31/15	1	5	5	P.O. Box 2758	Fresno	CA	93745	3490 S. Maple Avenue	559-233-4550	Shital Singh	Owner	559-233-4550	April Singh	Owner		
Active	1034	007-B-1	Byram Healthcare (DDG)		1541	II	N/A	4/26/07	12/31/12	12/31/15	1	1	19	120 Bloomington Rd Ste 301	White Plains	NY	10605	120 Bloomington Rd Ste 301	800-303-2273	Jayson Brown	Center Manager	Same			DDG Tenant	
Active	1039	076	Bruno's Used Materials	330-060-45	5093	II	\$150	7/26/04	12/31/12	12/31/15	2	2	25	3211 S. Golden State Blvd.	Fresno	CA	93725	3211 S. Golden State Blvd.	559-233-6543	Randy Tosi	Manager	559-233-6543	Randy Tosi	Manager		
Active	1040	080	Meeder Equipment Company (Ransome Manufacturing)	330-080-38	5093	II	\$150	5/13/03	12/31/12	12/31/15	1	1	6	P.O. Box 12446	Fresno	CA	93702	2345 E Muscat, Fresno, CA 93725	559-251-7715			559-485-0979				
Active	1059	115	Jose's Auto Repair	331-140-27	7538	II	\$150	12/20/00	12/31/12	12/31/15	2	2	1	4436 S. Chestnut	Fresno	CA	93725	4436 S. Chestnut	559-233-5615	Jose Cadena	Owner	559-233-5615	Jose Cadena	Owner		
Active	1060	116	CAP'S Sandblasting & Powder Coating		7532	II	\$150	6/1/04	12/31/12	12/31/15	1	2	8	4460 S. Chestnut	Fresno	CA	93725	4460 S. Chestnut	559-233-1461	Ron Weber	Vice-President	559-233-1461	Ron Weber	Vice-President		
Active	1063	001	Group Warehouse	331-072-18		II	\$150	12/21/00	12/31/12	12/31/15	1	6	25	PO Box 2879	Fresno	CA	93745-2879	3550 S. Willow, Fresno, CA 93725	559-265-4200	Michael Goosev	President	559-265-4200	Michael Goosev	President	DDG Property Site 13	
Active	1107	006	Weyerhaeuser Co.	331-071-215	4225	II	\$150	6/1/04	12/31/12	12/31/15	4	4	15	3267 S. Willow	Fresno	CA	93725	3267 S. Willow	559-486-6221	James Cadenhead	Operations Manager	559-486-6221				
Active	1117	034	William Shubin		4225	II	\$150	6/1/04	12/31/12	12/31/15	1	1	0	7033 W. Rialto	Fresno	CA	93725	3200 E. Central Ave, Fresno, CA 93725	559-271-7914	William Shubin	Owner	559-271-7914	William Shubin	Owner		
Active	1118	030 A	Primo's Market	331-184-001	5411	II	\$150	5/1/03	12/31/12	12/31/15	5	5	2	3145 Olney	Fresno	CA	93725	3145 Olney	559-681-6904	Perp Shoker	Manager	559-442-6034	Perp Shoker	Owner		
Active	1120	011-1-C	Humanscale		5399	II		Mailed Blank 7/19/05	12/31/12	12/31/15	1		26	220 Circle Drive North	Piscataway	NJ	8854	3728 S. Willow # 106	559-233-7049 ext 1300	Carlos Torres	Operations Manager					
Active	1126	011-3-3	Integrated Supplies(DDG)	331-210-012		II	N/A	5/1/07	12/31/12	12/31/15	1	2	18	3878 S. Willow #101	Fresno	CA	93725	3878 S. Willow	559-442-4778	William Driscoll	Controller	559-442-4778	Sue Otis	Manager	DDG Property	
Active	1136	101-1	Big "W" Sales	330-110-619	5251	II	\$150		12/31/12	12/31/15	1	1	9	PO Box 6889	Stockton	CA	95206	3766 S. Bagley, Fresno, CA 93725209-464-9493	559-264-9493	Bud Wunsch	Vice-President	559-264-9493	Bud Wunsch	Vice-President		
Active	1145	007-5	Mercury Marine	331-071-345	5191	II	N/A	6/1/07	12/31/12	12/31/15	1	1	14	3421 E. North Ave. #101	Fresno	CA	93725	3421 E. North Ave. #101	559-266-0551	Alex Montes	Regional Distribution Center Manager	Same			DDG Tenant	
Active	1152	011-3-2	Goulds Pumps/ITT Industries	331-210-012	5084	II	\$150	6/1/07	12/31/12	12/31/15	1	1	21	3878 S. Willow #104	Fresno	CA	93725	3878 S. Willow #104	559-265-4730	John Morton	Branch Manager	559-265-4730	Jeff Foster	Branch Manager	DDG Property	
Active	1154	032-3, 032-3B	Community Food Bank	331-090-074	1541	II	N/A	4/30/07	12/31/12	12/31/15	2	2	32	3311 E. Central Avenue	Fresno	CA	93725	3403 E. Central Avenue	559-237-3663 ext 121	Andy Souza	President/CEO	Rick Palermo			DDG Property	
Active	1156	022-1, 022-2	Heafner Tire Group (American Tire)	331-071-024	5014	II	\$150	9/21/01	12/31/12	12/31/15	3	1	38	P.O. Box 1949	Huntersville	NC	28070-1949	3064 S. Chestnut	559-443-2550	John Morton	General Manager	559-443-2550	Danny Orasco	General Manager		
Active	1173	094-A	Delray Tire		7534	II	\$150	6/18/03	12/31/12	12/31/15	1	1	10	2544 S. Cherry Ave.	Fresno	CA	93706	3666 S. Bagley, Fresno, CA 93725	559-485-1761	Michael Lewis	Operations Manager	Ralph Mastriano				
Active	1182	007-11	Rotary Corp		5083	II	N/A	6/1/07	12/31/12	12/31/15	1	1	9	P.O. Box 747	Glenville	GA	30427	P.O. Box 747	559-445-1108	Pete Gutierrez	Manager	Same			DDG Property	
Active	1183	007-8	Bodek & Rhodes		5137	II	N/A	6/1/07	12/31/12	12/31/15	3	3	25	2981 Grant Avenue	Philadelphia	PA	19114	3395 E. North Avenue	215-673-6767	Rich Weisbrod	Vice President Operations	559-266-1315			DDG Property	
Active	1186	011-4C	Randy's Rino & Pinon Services		N/A	II	N/A	5/16/07	12/31/12	12/31/15	1	1	7	10411 Airport Road	Everett	WA	98204	3816 S. Willow Avenue #103	559-237-4367 X7113	Michael Redmond</						

**Malaga County Water District
Waste Discharge Permits**

Acct. Status	Permit #	MCWD Account #	Name	APN #	SIC Code	Class	Fee Paid	Permit Issued	Application / Renewal Complete	Permit Expiration	Sewer Units	MCWD Sewer Units	# of Employees	Mailing Address Street	Mailing City	Mailing State	Mailing Zip	Facility Address Street	Authorized Rep Phone	Authorized Rep	Authorized Rep Title	Information Contact Phone	Information Contact Name	Secondary Contact Title	Notes	
InActive	1106	118	Wallace Transport old tenant. Trailer is vacant.			II	\$150	6/1/04	6/25/04	12/31/06	4	1	2	PO Box 67	Planada	CA	95365	4529 E. Chestnut, Fresno, CA 93725	559-266-0198	Victor	VP Au Operations				This is for the trailer in back of building. See permit 1124	
Closed	1099	LDX	WJH Transportation			II	N/A	N/A	N/A	N/A	1			PO BOX 12081, Fresno, CA 93776	Fresno	CA	93776	3744 E. Wawona, Fresno, CA 93725	209-442-1631	Don Holt, Sr.	President				Duplicate file. Same as 1142	
Closed	1044	LDX	The Scotsman Group Inc. DBA William Scotsman		7519	II	\$150	N/A	N/A	N/A	6			3594 S. Bagley Ave.	Fresno	CA	93725	3594 S. Bagley	(209) 441-6181	Kurt Gripestraw	Branch Manager					
Closed	1092	LDX	Haase Equipment (Old Account No. 043)			II	\$150	12/20/00	N/A	N/A	0			PO BOX 10078	Fresno	CA	93745	PO BOX 10078	559-268-0926	Allen Haase	Owner	559-268-0926	Allen Haase	Owner		
Closed	1102	LDX	The Rose of Sharon Cocktail Lounge			II	N/A	N/A	N/A	N/A	N/A			849 E. Clayton	Fresno	CA	93725	2980 E. Central, Fresno, CA 93725	209-441-8107	Sharon Romans	Owner					
Closed	1115	031	Lee's Market			II	\$150		N/A	N/A	3			PO BOX 36	Kingsburg	CA	93831	3608 S. Harding, Fresno, CA 93725	209-896-6056	Saleh Kassim					Closed at of March 2009 site visit	
Closed	1143	LDX	Conway Transportation Services	331-100-34, 35, 36, 37	4231	IB	\$150	8/21/00	N/A	N/A	4		53	2505 Chandler Ave., Suite 1	Las Vegas	NV	89120	4195 E. Central, Fresno, CA 93725	510-835-2761	Ki Wong		559-485-1164	Bud Whitney	Manager	Closed see Permit 1112 Conway West Express	
InActive	1055	109	Vacant	331-090-73	4731	II	\$150	6/1/04	N/A	N/A	1	1	1	PO Box 740	Kingsburg	CA	93631	4354 S. Chestnut, Fresno, CA 93725	559-237-0888	Stephen Lamoman	General Manager	559-237-0888	Stephen Lamoman	General Manager	Bldg owned by Nics/Perske. Was leasing to Lamoman Enterprises. Is currently vacant.	
Closed	1142	016	Miehelman, Inc	331-210-05	2672	II	\$150	3/23/07	N/A	N/A	7	7	2	9089 Shell Road	Cincinnati	OH	45236	3744 E. Wawona, Fresno, CA 93725	543-704-4261	James C. Williamson	Safety, Health, Environmental & Regulatory Manager					
Closed	1171	011-3A	DHL Express			II	N/A	5/1/07	N/A	N/A	1	1	8	3825 S. Willow Ave. #103	Fresno	CA	93725	3825 S. Willow Ave #103	408-50-0170	Sean Conne	Max Aire	408-570-0170X314	Max Aire	General Manager	DDG Property	
Closed	1065	098	Accurate Air Engineering Inc. (San Mac Properties is owner)		5084	II	\$150	2/7/06	N/A	N/A	1	1		5100 N. 6th St. Suite 174	Fresno	CA	93710	3711 S. Bagley #102	559-237-9950	Rick Fletcher	Branch Manager	Same			Accurate Air leases the space through San Mac Properties.	
Closed	1083	019	Athen's Baking Company	331-021-015	2051	II	\$150	6/26/07	N/A	N/A	1	1	3		Fresno	CA	93722	3630 E. Wawona	559-485-0671	David Smart	General Manager	559-485-0671	Patricia Smart		from 1B to II and lowered sewer units from 141 to 1	
Closed	1141	024-3-A	Mike Nelson Company (cossette)			II	\$150	4/20/04	N/A	N/A	1	1	4	PO Box 11187	Fresno	CA	93772	3373 S. Chestnut, Fresno, CA 93725	559-495-0425	Melissa Davis	Treasurer	559-495-0425	Melissa Davis	Treasurer		
Closed	1024	LDX	G&K Mini Mart			N/A	N/A	N/A	N/A	N/A	N/A															
Closed	1066	LDX	Gruma Corp dba Mission Foods	331-072-04	4222	II	\$150	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Entire building is now occupied by FedEx (1002)
Closed	1100	LDX	Recycling Unlimited Inc.			N/A	N/A	N/A	N/A	N/A	N/A															
Closed	1048	LDX	Hose & Fittings, Etc.																							
Closed	1068	033	Shubin Family Trust			II	\$150					4		7033 W. Rialto	Fresno	CA	93723	3912 S. Front Street								

Malaga County Water District

**Exhibit B
Monitoring and Reporting Conditions
For Class I Dischargers**

PERMIT No. 1001

PART 1 STANDARD CONDITIONS

1. Duty to Comply

The permittee shall comply with all of the conditions of this permit and all of the provisions, terms, and requirements of all orders, ordinances, rules, and regulations of the District, including but not limited to connection permits, baseline discharge requirements (per Ordinance 01-13-2004) and agreements for wastewater disposal variance, as amended (per Ordinance 01-13-2004).

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the wastewater treatment system or the environment resulting from noncompliance with this permit.

3. Permit Modification

The District may modify the permit for good cause, including but not limited to, the following reasons:

- a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b) To address significant alterations or additions to the User's operation, processes, or wastewater volume or character since the time of the individual wastewater discharge permit issue;
- c) A change in any process or discharge condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d) Information indicating that the permitted discharge poses a threat to the Control Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e) Violation of any terms or conditions of the permit;
- f) Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
- g) Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- h) To correct typographical or other errors in the permit;
- i) To reflect of the facility ownership and/or operation to a new owner/operator; or

- j) Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. Permit Termination

This permit may be terminated for the following reasons:

- a) Failure to notify the District of significant changes to the wastewater prior to the change discharge;
- b) Failure to provide prior notification to the District of changed conditions;
- c) Misrepresentation or failure to fully disclose all relevant facts in wastewater discharge permit application;
- d) Falsifying self-monitoring reports and/or certification statements;
- e) Tampering with monitoring equipment;
- f) Refusing to allow timely access to the facility premises and records;
- g) Failure to meet effluent limitations;
- h) Failure to pay fines;
- i) Failure to pay sewer charges;
- j) Failure to meet compliance schedules;
- k) Failure to complete a wastewater survey or the wastewater discharge permit application;
- l) Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
- m) Violation of any Pretreatment Standard or requirement including required BMPs, or any terms of the wastewater discharge permit or the sewer use ordinance.

6. Notification and Reporting

The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District at (559) 485-7353 of any wastewater discharge which is not in compliance with this permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.

The permittee shall furnish any information relating to wastewater discharge quantity and quality as required by the District, and shall comply with all reporting requirements specified in this permit.

7. Retention of Records

The permittee shall maintain a copy of this permit and Ordinance 01-13-2004 on file at 3366 Muscat Ave., Fresno CA 93725.

The permittee shall maintain on-site for a minimum of three years any records of monitoring activities and results, and wastes hauled off-site (including Uniform Hazardous Waste Manifests), and make such records available for inspection and copying by District staff upon request. All records that pertain to matters that are the subject of Administrative Orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

8. Costs and Fees

The permittee shall pay all fees required by District ordinances, including but not limited to, connection fees, annexation fees, bond debt services charges, and sewer unit fees.

The permittee shall also pay any additional cost or expenses incurred by the District for handling and treating excess loads imposed on the treatment system and any cost or expense incurred by the District in the enforcement of the provisions of its ordinances and the correction of violations thereof.

9. Facilities

The permittee shall make wastewater acceptable under the limitations of Ordinance 01-13-2004 before discharging to the sewerage system. Any facilities required to pretreat wastewater to a level acceptable to the District shall be provided and maintained at the permittee's expense. Detailed plans showing the pretreatment facilities and operating facilities shall be submitted to the District for review, and shall be acceptable to and approved by the District, in writing, before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the District under the provisions of Ordinance 01-13-2004. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to, and be approved in writing by, the District.

Pretreatment facilities (including sampling and flow monitoring facilities) shall be maintained in good working order and shall be operated so as to ensure continuous compliance with District ordinances, resolutions, rules and regulations, and any applicable permits by the permittee at the permittee's own cost and expense. Pretreatment facilities are at all times subject to the requirements of these rules and regulations and all other applicable codes, ordinances, and laws. Intermittent operation of pretreatment facilities excepts as provided for in writing by the District, during discharge to the sewerage system is prohibited.

All solids, sludge, filter backwash or other pollutants removed by pretreatment facilities shall not be discharged to the sewerage system, but shall be stored, treated and/or disposed of in accordance with applicable State and Federal regulations.

10. Right of Entry

The permittee shall allow District personnel, upon the presentation of credentials, to enter upon any property or premises at all reasonable times for the purpose of:

- (a) Reviewing and copying any records required to be kept under the provisions of Ord. 01-13-2004;
- (b) Inspecting any monitoring equipment, pretreatment facility or discharge-producing process; or
- (c) Inspecting and/or sampling any discharge of wastewater to the wastewater facilities. District personnel may enter upon the property at any hour under emergency circumstances. In the event of such emergency entry, District personnel shall make every effort to immediately notify the permittee's designated agent.

11. Duration

The terms and conditions of this permit shall remain in effect until either:

- (a) The permit is modified;
- (b) The permit is revoked;
- (c) The permit expires and cause is determined for non-renewal of the permit. Failure of the District to act upon a valid permit application or renewal application shall allow for automatic extension of operations under existing permit conditions until such District action is complete.

12. Severability

The provisions of this permit are severable, and if any provisions of this permit or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be affected hereby.

13. Transferability

This permit shall not be reassigned, transferred, or sold to a new owner, new user, different premises, or to a new or changed operation.

14. Enforcement and Penalties

Failure to comply with any of the provisions of this permit, Ordinance 01-13-2004, or applicable State or Federal laws or regulations may result in any or all of the following actions:

- (a) Administrative actions including but not limited to Notices of Violation, Administrative Orders, Administrative Hearings, Governing Board Hearings, Compliance Orders, and civil penalties;

- (b) Legal actions including but not limited to preliminary or permanent injunctions, or both;
- (c) Civil and/or criminal penalties;
- (d) Permit revocation;
- (e) Temporary or permanent disconnection from the District's sewerage system.
- (f) Water supply severance

15. Appeals

Any permittee affected by any decision, action, or determination, including Administrative Orders, issued by the Manager, interpreting or implementing the provisions of Ordinance 01-13-2004 or any permit issued therein, may file with the District a written request for reconsideration within ten (10) days of such decision, action, or determination, setting forth in detail in facts supporting the permittee's request for reconsideration.

If the ruling made by the Manager is unsatisfactory to the person requesting reconsideration, this person may, within ten (10) days after notification of District action, file a written appeal to the District's Board of Directors. The written appeal shall be heard by the body within sixty (60) days from the date of filing. The District's Board of Directors shall make a final ruling on the appeal within ten (10) days of the close of the meeting. The Manager's decision, action, or determination shall remain in effect during such period of reconsideration.

Any permittee aggrieved by a final order issued by the Board of Directors may obtain review of the order of the Board in the Superior Court by filing in the court a petition for writ of mandate within thirty (30) days following the service of a copy of a decision and order issued by the Board.

If no aggrieved party petitions for writ of mandate within the time provided by this section, an order of the Board shall not be subject to review by any court or agency, except that the Board may grant review on its own motion after the expiration of the time limits.

16. Maintenance Fee

A permittee may apply for a permit to maintain availability of allocated sewer units. A determination will be made by the District of applicable fixed costs associated with said sewer units. The District may issue a permit to maintain the allocated sewer units for a specific time frame. Terms and conditions of such a permit are determined on a case by case basis.

17. Definitions

- a) Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a time composite sample: composed of discrete sample aliquots collected in one container at constant time intervals providing representative samples irrespective of stream flow; or as a flow proportional composite sample: collected either as a constant sample volume at time intervals

proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.

- b) Daily Maximum – The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- c) Daily Maximum Limit – The maximum allowable discharge limit of a pollutant during a calendar day. Where daily maximum limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- d) Grab Sample – An individual sample collected in less than 15 minutes, without regard for flow or time.
- e) Instantaneous Maximum Concentration – The maximum concentration allowed in any single grab sample
- f) Cooling Water –
 - 1) Uncontaminated – Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - 2) Contaminated – Water used for cooling purposes only which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.
- g) Monthly Average - The arithmetic mean of the values for effluent sample collected during a calendar month or specified 30 day period (as opposed to a rolling 30 day window).
- h) Bi-Weekly – Once every other week.
- i) Bi-Monthly – Once every other month.
- j) Upset – Means an exceptional incident in which there is unintentional and temporary noncompliance with technology – based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.
- k) Bypass – Means the intentional diversion of wastes from any portion of a treatment facility.

PART 2 DISCHARGE PROHIBITIONS AND LIMITATIONS

1. Standard Discharge Prohibitions

The permittee shall comply with all discharge prohibitions and limitations specified in Ordinance 01-13-2004. Prohibited materials include but are not necessarily limited to:

- (a) Any materials which may cause interference or pass-through;
- (b) Oils and grease in any concentration or quantity which may contribute to an obstruction;
- (c) Explosive mixtures;
- (d) Noxious material;
- (e) Improperly shredded garbage;
- (f) Solid or viscous wastes which may cause obstruction;
- (g) Slug loads;
- (h) Toxic or hazardous substances;
- (i) Unpolluted waters
- (j) wastes with objectionable color not removed by the treatment process;
- (k) Corrosive wastes;
- (l) Trucked or hauled waste;
- (m) Any other materials which may cause or contribute to a detrimental environmental impact or nuisance, interfere with District opportunities to reclaim or recycle products of the treatment process, or may otherwise be incompatible with the wastewater facilities.

2. Specific Discharge Prohibitions

pH acceptable range = 6.0 – 9.0

E.C. (conductivity) 950 µmhos/cm (maximum monthly average)

B.O.D. 1,000 mg/l, (Surcharge above 300mg/l)

Suspended Solids 1,000 mg/l, (Surcharge above 270mg/l)

C.O.D. 1,000 mg/l,

Oils and Greases 100 mg/l,

Metals (with associated maximum allowable discharge):

lead	5ppm	silver	5ppm		
arsenic	5ppm	benene	0.02ppm	phenols	1ppm
cadmium	0.1ppm	zinc	5ppm		
chromium	5ppm	copper	5ppm	aluminum	5ppm
mercury	0.2ppm	barium	10ppm		
nickel	5ppm	selenium	1ppm	boron	8ppm

Total Toxic Organics (TTO)

Acenaphthene	Bis(2-chloroethoxy) methane	Toluene
Acrolein	Methylene chloride	Trichloroethylene
Acrylonitrile	Methyl chloride	Vinyl chloride
Benzene	Methyl bromide	Aldrin
Benzidine	Bromoform	Dieldrin
Carbon tetrachloride	Dichlorobromomethane	Chlordane
Chlorobenzene	Chlorodibromomethane	4,4-DDT
1,2,4 – Trichlorobenzene	Hexachlorobutadiene	4,4-DDE(p,p-DDX)
Hexachlorobenzene	Hexachlorocyclopentadiene	4,4-DDD(p,p-TDE)
1,2, - Dichloroethane	Isophorone	Alpha-endosulfan
1,1,1 – Trichloroethane	Naphthalene	Beta-endosulfan
Hexachloroethane	Nitrobenzene	Endosulfan sulfate
1,1 - Dichloroethane	2-Nitrophenol	Endrin
1,1,2 – Trichloroethane	4-Nitrophenol	Endrin aldehyde
1,1,2,2- Tetrachloroethane	2,4-Dinitrophenol	Heptachlor
Chloroethane	4,6-Dinitro-o-cresol	Heptachlor epoxide
Bis (2-chloroethyl) ether	N-nitrosodimethylamine	Alpha-BHC
2-Chloroethyl vinyl ether	N-nitrosodiphenylamine	Beta-BHC
2-Chloronaphthathene	N-nitrosodi-n-propylamine	Gamma-BHC
2,4,6 – Trichlorophenol	Pentachlorophenol	Delta-BHC
Parachlorometa cresol	Phenol	PCB-1242 (Arochlor 1242)
Chloroform	Bis (2-ethyhexyl) phthalate	PCB-1254 (Arochlor 1254)
2-Chlorophenol	Butyl benzyl phthalate	PCB-1221 (Arochlor 1221)
1,2-Dichlorobenzene	Di-n-butyl phthalate	PCB-1232 (Arochlor 1232)
1,3-Dichlorobenzene	Di-n-octyl phthalate	PCB-1248 (Arochlor 1248)
1,4-Dichlorobenzidine	Diethyl phthalate	PCB-1260 (Arochlor 1260)
3,3-Dichlorobenzidine	Dimethyl phthalate	PCB-1016 (Arochlor 1016)
1,1-Dichloroethylene	Benzo(a)Anthracene	Toxaphene
1,2- Trans-dichloroethylene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,4-Dichloropropane	Benzo(b)fluoranthene	
1,3-Dichlorophenol	Benzo(k)fluoranthene	
1,2-Dichloropropane	Chrysene	
1,3-Dichloropropylene	Acenaphthylene	
2,4-Dimethylphenol	Anthracene	
2,4-Dinitrotoluene	Benzo(ghi)perylene	
2,6-Dinitrotoluene	Fluorene	
1,2-Diphenylhydrazine	Phenanthrene	
Ethylbenzene	Dibenzo(a,h)anthracene	
Fluoranthene	Indeno(1,2,3-cd)pyrene	
4-Chlorophenyl phenyl ether	Pyrene	
4-Bromophenyl phenyl ether	Tetrachloroethylene	
Bis(2-chloroisopropyl) ether		

Note: Due to the nature of the discharge the TTO limits are not applicable.

Screening size 20 mesh/inch

Maximum Temperature – 150 °F

Gallons per day: 50,000 gpd peak (not to exceed 40gpm). 35,000 gpd average for any given week.

PART 3 MONITORING AND REPORTING REQUIREMENTS

1. General Monitoring Requirements

- (a) The Manager may require any permittee to monitor wastewater discharge and to submit monitoring reports to the Manager, at a frequency specified by the Manager. The permittee shall comply with all monitoring requirements specified in this permit or otherwise required, in writing, by the District.
- (b) Flow monitoring and sampling facilities shall comply with all applicable provisions of this permit and ordinance 01-13-2004.
- (c) Laboratory analysis of industrial wastewater samples shall be performed in accordance with the approved test procedures specified in 40CFR136 unless otherwise authorized, in writing, by District staff.
- (d) All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments.

2. Specific Monitoring Requirements

- (a) From the period beginning on the effective date of the permit, the permittee must monitor outfall 001 for the following parameters, at the indicated frequency:

Sample Parameter (units)	Measurement Location	Frequency	Sample Type
Flow (gpd)	001	Daily ¹	
BOD (mg/L)	001	Monthly	24hr Flow proportional composite
TSS(mg/L)	001	Monthly	24hr Flow proportional composite
Aluminum(mg/L)	001	June, December	24hr Flow proportional composite
Arsenic (mg/L)	001	June, December	24hr Flow proportional composite
Cadmium (mg/L)	001	June, December	24hr Flow proportional composite
Chromium ⁵ (mg/L)	001	June, December	24hr Flow proportional composite

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Barium (mg/L)		June, December	24hr Flow proportional composite
Boron (mg/L)		June, December	24hr Flow proportional composite
Copper (mg/L)	001	June, December	24hr Flow proportional composite
Iron (mg/L)	001	June, December	24hr Flow proportional composite
Zinc (mg/L)	001	June, December	24hr Flow proportional composite
pH (s.u.)	001	Weekly	Grab
Electroconductivity (µmhos/cm)	001	Continuous	Continuous

(meter)¹ ¹Daily flows are to be recorded from the permittee's flow meter.

(grab) ³A single grab sample of daily discharge.

⁴Flow-proportional composite sample over daily duration of discharge.

(b) The sampler shall be maintained in accordance with manufacturer's recommendations, shall be cleaned once per month when in use, and samples shall be maintained at 4.0°C (±2.0°C).

(c) Operate and maintain flowmeter, have it electronically calibrated annually and hydraulically calibrated every three years by a recognized professional in flowmeter testing and repair, and provide proof of calibration to the District prior to July 31 annually.

3. Reporting Requirements

(a) The Manager may require any permittee to submit monitoring reports to the Manager, in a format and at a frequency specified by the Manager. The permittee shall comply with all reporting requirements specified in this permit or otherwise required, in writing, by the District.

- (b) All permittees subject to Federal categorical pretreatment standards shall comply with all applicable reporting requirements specified in 40CFR403.12.
- (c) The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District (phone 559-485-7353) of any wastewater discharge which is not in compliance with the permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.
- (d) Provide a site plan showing the location of all wastewater treatment facilities (grease traps, sand separators, etc.)
- (e) Monitor grease traps weekly (record scum and solids level)
- (f) As per Part 1 Section 4, maintain a log of all wastewater and solids removed from the premise. Submit copies of the log on a quarterly basis to MCWD for the first year and annually thereafter.
- (g) Monitoring results obtained must be summarized and reported on an Industrial User Monitoring Report Form.

Reports for parameter with a continuous monitoring frequency must be submitted monthly. The reports are due within 15 days after the end of each calendar month.

Reports for parameter with a 6 months monitoring frequency must be submitted within 15 days after each reporting period. The reporting period is January-December (calendar year).

All monitoring reports must indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed during the reporting period preceding the submission of each report.

(h) Certification Statements

The permittee is required to sign and submit the following certification statement with all monitoring reports:

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

submitting false information, including the possibility of fine and imprisonment for knowing violations.

All reports required by this permit must be submitted to the **Malaga County Water District** at the following address:

Malaga County Water District
Attention: Manager
3580 S. Frank Street
Fresno, CA 93725

PART 4 SPECIAL CONDITIONS

1. Reservation of Sewer Unit Allocation

The user shall pay a reservation fee of \$2,500/month for the reservation of 735 sewer units.

2. Automatic Re-sampling

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

1. Inform the **Malaga County Water District** of the violation within 24 hours and
2. Repeat sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days of becoming aware if the first violation.

3. Accidental Discharge Report

- a) The permittee must notify the **Malaga County Water District** immediately upon the occurrence of spills, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges, that might potential problems for the POTW, or spills that might enter the public sewer. During normal business hours the **Malaga County Water District** should be notified by telephone at 559-485-7353. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental release in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within 5 days following an accidental discharge, the permittee shall submit to the **Malaga County Water District** a detailed written report. The report must specify:

- a) Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
- b) Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
- c) All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

PERMIT No. 1005

PART 1 STANDARD CONDITIONS

1. Duty to Comply

The permittee shall comply with all of the conditions of this permit and all of the provisions, terms, and requirements of all orders, ordinances, rules, and regulations of the District, including but not limited to connection permits, baseline discharge requirements (per Ordinance 01-13-2004) and agreements for wastewater disposal variance, as amended (per Ordinance 01-13-2004).

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the wastewater treatment system or the environment resulting from noncompliance with this permit.

3. Permit Modification

The District may modify the permit for good cause, including but not limited to, the following reasons:

- a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b) To address significant alterations or additions to the User's operation, processes, or wastewater volume or character since the time of the individual wastewater discharge permit issue;
- c) A change in any process or discharge condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d) Information indicating that the permitted discharge poses a threat to the Control Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e) Violation of any terms or conditions of the permit;
- f) Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
- g) Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- h) To correct typographical or other errors in the permit;
- i) To reflect of the facility ownership and/or operation to a new owner/operator; or

- j) Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4. Retention of Records

The permittee shall maintain a copy of this permit and Ordinance 01-13-2004 on file at 3350 S. Willow Ave., Fresno, CA 93725.

The permittee shall maintain on-site for a minimum of three years any records of monitoring activities and results, and wastes hauled off-site (including Uniform Hazardous Waste Manifests), and make such records available for inspection and copying by District staff upon request. All records that pertain to matters that are the subject of Administrative Orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

5. Permit Termination

This permit may be terminated for the following reasons:

- a) Failure to notify the District of significant changes to the wastewater prior to the change discharge;
- b) Failure to provide prior notification to the District of changed conditions;
- c) Misrepresentation or failure to fully disclose all relevant facts in wastewater discharge permit application;
- d) Falsifying self-monitoring reports and/or certification statements;
- e) Tampering with monitoring equipment;
- f) Refusing to allow timely access to the facility premises and records;
- g) Failure to meet effluent limitations;
- h) Failure to pay fines;
- i) Failure to pay sewer charges;
- j) Failure to meet compliance schedules;
- k) Failure to complete a wastewater survey or the wastewater discharge permit application;

- l) Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
- m) Violation of any Pretreatment Standard or requirement including required BMPs, or any terms of the wastewater discharge permit or the sewer use ordinance.

6. Notification and Reporting

The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District at (559) 485-7353 of any wastewater discharge which is not in compliance with this permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.

The permittee shall furnish any information relating to wastewater discharge quantity and quality as required by the District, and shall comply with all reporting requirements specified in this permit.

7. Costs and Fees

The permittee shall pay all fees required by District ordinances, including but not limited to, connection fees, annexation fees, bond debt services charges, and sewer unit fees.

The permittee shall also pay any additional cost or expenses incurred by the District for handling and treating excess loads imposed on the treatment system and any cost or expense incurred by the District in the enforcement of the provisions of its ordinances and the correction of violations thereof.

8. Facilities

The permittee shall make wastewater acceptable under the limitations of Ordinance 01-13-2004 before discharging to the sewerage system. Any facilities required to pretreat wastewater to a level acceptable to the District shall be provided and maintained at the permittee's expense. Detailed plans showing the pretreatment facilities and operating facilities shall be submitted to the District for review, and shall be acceptable to and approved by the District, in writing, before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the District under the provisions of Ordinance 01-13-2004. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to, and be approved in writing by, the District.

Pretreatment facilities (including sampling and flow monitoring facilities) shall be maintained in good working order and shall be operated so as to ensure continuous compliance with District ordinances, resolutions, rules and regulations, and any applicable permits by the permittee at the permittee's own cost and expense. Pretreatment facilities are at all times subject to the requirements of these rules and regulations and all other applicable codes, ordinances, and laws. Intermittent operation of pretreatment facilities excepts as provided for in writing by the District, during discharge to the sewerage system is prohibited.

All solids, sludge, filter backwash or other pollutants removed by pretreatment facilities shall not be discharged to the sewerage system, but shall be stored, treated and/or disposed of in accordance with applicable State and Federal regulations.

9. Right of Entry

The permittee shall allow District personnel, upon the presentation of credentials, to enter upon any property or premises at all reasonable times for the purpose of:

- (a) Reviewing and copying any records required to be kept under the provisions of Ord. 01-13-2004;
- (b) Inspecting any monitoring equipment, pretreatment facility or discharge-producing process; or
- (c) Inspecting and/or sampling any discharge of wastewater to the wastewater facilities. District personnel may enter upon the property at any hour under emergency circumstances. In the event of such emergency entry, District personnel shall make every effort to immediately notify the permittee's designated agent.

10. Duration

The terms and conditions of this permit shall remain in effect until either:

- (a) The permit is modified;
- (b) The permit is revoked;
- (c) The permit expires and cause is determined for non-renewal of the permit. Failure of the District to act upon a valid permit application or renewal application shall allow for automatic extension of operations under existing permit conditions until such District action is complete.

11. Severability

The provisions of this permit are severable, and if any provisions of this permit or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be affected hereby.

12. Transferability

This permit shall not be reassigned, transferred, or sold to a new owner, new user, different premises, or to a new or changed operation.

13. Enforcement and Penalties

Failure to comply with any of the provisions of this permit, Ordinance 01-13-2004, or applicable State or Federal laws or regulations may result in any or all of the following actions:

- (a) Administrative actions including but not limited to Notices of Violation, Administrative Orders, Administrative Hearings, Governing Board Hearings, Compliance Orders, and civil penalties;

- (b) Legal actions including but not limited to preliminary or permanent injunctions, or both;
- (c) Civil and/or criminal penalties;
- (d) Permit revocation;
- (e) Temporary or permanent disconnection from the District's sewerage system.
- (f) Water supply severance

14. Appeals

Any permittee affected by any decision, action, or determination, including Administrative Orders, issued by the Manager, interpreting or implementing the provisions of Ordinance 01-13-2004 or any permit issued therein, may file with the District a written request for reconsideration within ten (10) days of such decision, action, or determination, setting forth in detail in facts supporting the permittee's request for reconsideration.

If the ruling made by the Manager is unsatisfactory to the person requesting reconsideration, this person may, within ten (10) days after notification of District action, file a written appeal to the District's Board of Directors. The written appeal shall be heard by the body within sixty (60) days from the date of filing. The District's Board of Directors shall make a final ruling on the appeal within ten (10) days of the close of the meeting. The Manager's decision, action, or determination shall remain in effect during such period of reconsideration.

Any permittee aggrieved by a final order issued by the Board of Directors may obtain review of the order of the Board in the Superior Court by filing in the court a petition for writ of mandate within thirty (30) days following the service of a copy of a decision and order issued by the Board.

If no aggrieved party petitions for writ of mandate within the time provided by this section, an order of the Board shall not be subject to review by any court or agency, except that the Board may grant review on its own motion after the expiration of the time limits.

15. Maintenance Fee

A permittee may apply for a permit to maintain availability of allocated sewer units. A determination will be made by the District of applicable fixed costs associated with said sewer units. The District may issue a permit to maintain the allocated sewer units for a specific time frame. Terms and conditions of such a permit are determined on a case by case basis.

16. Definitions

- a) Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a time composite sample: composed of discrete sample aliquots collected in one container at constant time intervals providing representative samples irrespective of stream flow; or as a flow proportional composite sample: collected either as a constant sample volume at time intervals

proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.

- b) Daily Maximum – The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- c) Daily Maximum Limit – The maximum allowable discharge limit of a pollutant during a calendar day. Where daily maximum limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- d) Grab Sample – An individual sample collected in less than 15 minutes, without regard for flow or time.
- e) Instantaneous Maximum Concentration – The maximum concentration allowed in any single grab sample
- f) Cooling Water –
 - 1) Uncontaminated – Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - 2) Contaminated – Water used for cooling purposes only which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.
- g) Monthly Average - The arithmetic mean of the values for effluent sample collected during a calendar month or specified 30 day period (as opposed to a rolling 30 day window).
- h) Bi-Weekly – Once every other week.
- i) Bi-Monthly – Once every other month.
- j) Upset – Means an exceptional incident in which there is unintentional and temporary noncompliance with technology – based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.
- k) Bypass – Means the intentional diversion of wastes from any portion of a treatment facility.

PART 2 DISCHARGE PROHIBITIONS AND LIMITATIONS

1. Standard Discharge Prohibitions

The permittee shall comply with all discharge prohibitions and limitations specified in Ordinance 01-13-2004. Prohibited materials include but are not necessarily limited to:

- (a) Any materials which may cause interference or pass-through;
- (b) Oils and grease in any concentration or quantity which may contribute to an obstruction;
- (c) Explosive mixtures;
- (d) Noxious material;
- (e) Improperly shredded garbage;
- (f) Solid or viscous wastes which may cause obstruction;
- (g) Slug loads;
- (h) Toxic or hazardous substances;
- (i) Unpolluted waters
- (j) wastes with objectionable color not removed by the treatment process;
- (k) Corrosive wastes;
- (l) Trucked or hauled waste;
- (m) Any other materials which may cause or contribute to a detrimental environmental impact or nuisance, interfere with District opportunities to reclaim or recycle products of the treatment process, or may otherwise be incompatible with the wastewater facilities.

2. Specific Discharge Prohibitions

pH acceptable range = 6.0 – 9.0

E.C. (conductivity) 950 μ hos/cm maximum (calendar month average)

B.O.D. 1,000 mg/l, (Surcharge above 300mg/l)

Suspended Solids 1,000 mg/l, (Surcharge above 270mg/l)

C.O.D. 1,000 mg/l,

Oils and Greases 100 mg/l,

Metals (with associated maximum allowable discharge):

lead	5ppm	silver	5ppm		
arsenic	5ppm	benene	0.02ppm	phenols	1ppm
cadmium	0.1ppm	zinc	5ppm		
chromium	5ppm	copper	5ppm	aluminum	5ppm
mercury	0.2ppm	barium	10ppm		
nickel	5ppm	selenium	1ppm	boron	8ppm

Total Toxic Organics (TTO)

Acenaphthene	Bis(2-chloroethoxy) methane	Toluene
Acrolein	Methylene chloride	Trichloroethylene
Acrylonitrile	Methyl chloride	Vinyl chloride
Benzene	Methyl bromide	Aldrin
Benzidine	Bromoform	Dieldrin
Carbon tetrachloride	Dichlorobromomethane	Chlordane
Chlorobenzene	Chlorodibromomethane	4,4-DDT
1,2,4 – Trichlorobenzene	Hexachlorobutadiene	4,4-DDE(p,p-DDX)
Hexachlorobenzene	Hexachlorocyclopentadiene	4,4-DDD(p,p-TDE)
1,2, - Dichloroethane	Isophorone	Alpha-endosulfan
1,1,1 – Trichloroethane	Naphthalene	Beta-endosulfan
Hexachloroethane	Nitrobenzene	Endosulfan sulfate
1,1 - Dichloroethane	2-Nitrophenol	Endrin
1,1,2 – Trichloroethane	4-Nitrophenol	Endrin aldehyde
1,1,2,2- Tetrachloroethane	2,4-Dinitrophenol	Heptachlor
Chloroethane	4,6-Dinitro-o-cresol	Heptachlor epoxide
Bis (2-chloroethyl) ether	N-nitrosodimethylamine	Alpha-BHC
2-Chloroethyl vinyl ether	N-nitrosodiphenylamine	Beta-BHC
2-Chloronaphthathene	N-nitrosodi-n-propylamine	Gamma-BHC
2,4,6 – Trichlorophenol	Pentachlorophenol	Delta-BHC
Parachlorometa cresol	Phenol	PCB-1242 (Arochlor 1242)
Chloroform	Bis (2-ethyhexyl) phthalate	PCB-1254 (Arochlor 1254)
2-Chlorophenol	Butyl benzyl phthalate	PCB-1221 (Arochlor 1221)
1,2-Dichlorobenzene	Di-n-butyl phthalate	PCB-1232 (Arochlor 1232)
1,3-Dichlorobenzene	Di-n-octyl phthalate	PCB-1248 (Arochlor 1248)
1,4-Dichlorobenzidine	Diethyl phthalate	PCB-1260 (Arochlor 1260)
3,3-Dichlorobenzidine	Dimethyl phthalate	PCB-1016 (Arochlor 1016)
1,1-Dichloroethylene	Benzo(a)Anthracene	Toxaphene
1,2- Trans-dichloroethylene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,4-Dichloropropane	Benzo(b)fluoranthene	
1,3-Dichlorophenol	Benzo(k)fluoranthene	
1,2-Dichloropropane	Chrysene	
1,3-Dichloropropylene	Acenaphthylene	
2,4-Dimethylphenol	Anthracene	
2,4-Dinitrotoluene	Benzo(ghi)perylene	
2,6-Dinitrotoluene	Fluorene	
1,2-Diphenylhydrazine	Phenanthrene	
Ethylbenzene	Dibenzo(a,h)anthracene	
Fluoranthene	Indeno(1,2,3-cd)pyrene	
4-Chlorophenyl phenyl ether	Pyrene	
4-Bromophenyl phenyl ether	Tetrachloroethylene	
Bis(2-chloroisopropyl) ether		

Note: Due to the nature of the discharge (primarily boiler blow down) the TTO limits are not applicable.

Screening size 20 mesh/inch

Maximum Temperature – 150 °F

Gallons per day: correlated to sewer units for the facility.

PART 3 MONITORING AND REPORTING REQUIREMENTS

1. General Monitoring Requirements

- (a) The Manager may require any permittee to monitor wastewater discharge and to submit monitoring reports to the Manager, at a frequency specified by the Manager. The permittee shall comply with all monitoring requirements specified in this permit or otherwise required, in writing, by the District.
- (b) Flow monitoring and sampling facilities shall comply with all applicable provisions of this permit and ordinance 01-13-2004.
- (c) Laboratory analysis of industrial wastewater samples shall be performed in accordance with the approved test procedures specified in 40CFR136 unless otherwise authorized, in writing, by District staff.
- (d) All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments.

2. Specific Monitoring Requirements

- (a) From the period beginning on the effective date of the permit, the permittee must monitor outfall 001 for the following parameters, at the indicated frequency:

Sample Parameter (units)	Measurement Location	Frequency	Sample Type
Flow (gpd)	001	Daily	
BOD (mg/L)	001	June, December	Grab
TSS(mg/L)	001	June, December	Grab
Electroconductivity (µmhos/cm)	001	Continuous	Continuous
pH (s.u.)	001	June, December	Grab

(meter)¹ ¹Daily flows are to be recorded from the permittee's flow meter.

(grab) ³A minimum of four grab samples at equal intervals (but at least 1 hour apart) over a period of daily discharge.

- (b) Operate and maintain flowmeter, have it electronically calibrated annually by the facility's electrical/instrumentation technician or a qualified contract employee of the facility, and hydraulically calibrated every three years by a recognized professional in flowmeter testing and repair, and provide proof of calibration to the District prior to July 31 annually.

3. Reporting Requirements

- (a) The Manager may require any permittee to submit monitoring reports to the Manager, in a format and at a frequency specified by the Manager. The permittee shall comply with all reporting requirements specified in this permit or otherwise required, in writing, by the District.
- (b) All permittees subject to Federal categorical pretreatment standards shall comply with all applicable reporting requirements specified in 40CFR403.12.
- (c) The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District (phone 559-485-7353) of any wastewater discharge which is not in compliance with the permit or Ordinance 01-13-2004, or which might be reasonably judges to constitute a hazard to District personnel, the wastewater treatment system, or the environment.
- (d) Provide a site plan showing the location of all wastewater treatment facilities (grease traps, sand separators, etc.)
- (e) Reports for parameter with a continuous monitoring frequency must be submitted monthly. The reports are due within 15 days after the end of each calendar month.

Reports for parameter with a 6 months monitoring frequency must be submitted within 15 days after each reporting period.

All monitoring reports must indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed during the reporting period preceding the submission of each report.

(f) Certification Statements

The permittee is required to sign and submit the following certification statement with all monitoring reports:

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

All reports required by this permit must be submitted to the **Malaga County Water District** at the following address:

Malaga County Water District
Attention: Manager
3580 S. Frank Street
Fresno, CA 93725

PART 4 SPECIAL CONDITIONS

1. Automatic Resampling

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

1. Inform the **Malaga County Water District** of the violation within 24 hours and
2. Repeat sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days of becoming aware of the first violation.

3. Accidental Discharge Report

- a) The permittee must notify the **Malaga County Water District** immediately upon the occurrence of spills, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges, that might present potential problems for the POTW, or spills that might enter the public sewer. During normal business hours the **Malaga County Water District** should be notified by telephone at 559-485-7353. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental release in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within 5 days following an accidental discharge, the permittee shall submit to the **Malaga County Water District** a detailed written report. The report must specify:

- a) Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
- b) Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
- c) All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

PERMIT No. 1008

PART 1 STANDARD CONDITIONS

1. Duty to Comply

The permittee shall comply with all of the conditions of this permit and all of the provisions, terms, and requirements of all orders, ordinances, rules, and regulations of the District, including but not limited to connection permits, baseline discharge requirements (per Ordinance 01-13-2004) and agreements for wastewater disposal variance, as amended (per Ordinance 01-13-2004).

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the wastewater treatment system or the environment resulting from noncompliance with this permit.

3. Permit Modification

The District may modify the permit for good cause, including but not limited to, the following reasons:

- a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b) To address significant alterations or additions to the User's operation, processes, or wastewater volume or character since the time of the individual wastewater discharge permit issue;
- c) A change in any process or discharge condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d) Information indicating that the permitted discharge poses a threat to the Control Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e) Violation of any terms or conditions of the permit;
- f) Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
- g) Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- h) To correct typographical or other errors in the permit;
- i) To reflect of the facility ownership and/or operation to a new owner/operator; or

- j) Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4. Retention of Records

The permittee shall maintain a copy of this permit and Ordinance 01-13-2004 on file at 3390 S. Chestnut Ave., Fresno CA 93725.

The permittee shall maintain on-site for a minimum of three years any records of monitoring activities and results, and wastes hauled off-site (including Uniform Hazardous Waste Manifests), and make such records available for inspection and copying by District staff upon request. All records that pertain to matters that are the subject of Administrative Orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

5. Permit Termination

This permit may be terminated for the following reasons:

- a) Failure to notify the District of significant changes to the wastewater prior to the change discharge;
- b) Failure to provide prior notification to the District of changed conditions;
- c) Misrepresentation or failure to fully disclose all relevant facts in wastewater discharge permit application;
- d) Falsifying self-monitoring reports and/or certification statements;
- e) Tampering with monitoring equipment;
- f) Refusing to allow timely access to the facility premises and records;
- g) Failure to meet effluent limitations;
- h) Failure to pay fines;
- i) Failure to pay sewer charges;
- j) Failure to meet compliance schedules;
- k) Failure to complete a wastewater survey or the wastewater discharge permit application;

- l) Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
- m) Violation of any Pretreatment Standard or requirement including required BMPs, or any terms of the wastewater discharge permit or the sewer use ordinance.

6. Notification and Reporting

The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District at (559) 485-7353 of any wastewater discharge which is not in compliance with this permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.

The permittee shall furnish any information relating to wastewater discharge quantity and quality as required by the District, and shall comply with all reporting requirements specified in this permit.

7. Costs and Fees

The permittee shall pay all fees required by District ordinances, including but not limited to, connection fees, annexation fees, bond debt services charges, and sewer unit fees.

The permittee shall also pay any additional cost or expenses incurred by the District for handling and treating excess loads imposed on the treatment system and any cost or expense incurred by the District in the enforcement of the provisions of its ordinances and the correction of violations thereof.

8. Facilities

The permittee shall make wastewater acceptable under the limitations of Ordinance 01-13-2004 before discharging to the sewerage system. Any facilities required to pretreat wastewater to a level acceptable to the District shall be provided and maintained at the permittee's expense. Detailed plans showing the pretreatment facilities and operating facilities shall be submitted to the District for review, and shall be acceptable to and approved by the District, in writing, before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the District under the provisions of Ordinance 01-13-2004. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to, and be approved in writing by, the District.

Pretreatment facilities (including sampling and flow monitoring facilities) shall be maintained in good working order and shall be operated so as to ensure continuous compliance with District ordinances, resolutions, rules and regulations, and any applicable permits by the permittee at the permittee's own cost and expense. Pretreatment facilities are at all times subject to the requirements of these rules and regulations and all other applicable codes, ordinances, and laws. Intermittent operation of pretreatment facilities excepts as provided for in writing by the District, during discharge to the sewerage system is prohibited.

All solids, sludge, filter backwash or other pollutants removed by pretreatment facilities shall not be discharged to the sewerage system, but shall be stored, treated and/or disposed of in accordance with applicable State and Federal regulations.

9. Right of Entry

The permittee shall allow District personnel, upon the presentation of credentials, to enter upon any property or premises at all reasonable times for the purpose of:

(a) Reviewing and copying any records required to be kept under the provisions of Ord. 01-13-2004;

(b) Inspecting any monitoring equipment, pretreatment facility or discharge-producing process; or

(c) Inspecting and/or sampling any discharge of wastewater to the wastewater facilities. District personnel may enter upon the property at any hour under emergency circumstances. In the event of such emergency entry, District personnel shall make every effort to immediately notify the permittee's designated agent.

10. Duration

The terms and conditions of this permit shall remain in effect until either:

(a) The permit is modified;

(b) The permit is revoked;

(c) The permit expires and cause is determined for non-renewal of the permit. Failure of the District to act upon a valid permit application or renewal application shall allow for automatic extension of operations under existing permit conditions until such District action is complete.

11. Severability

The provisions of this permit are severable, and if any provisions of this permit or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be affected hereby.

12. Transferability

This permit shall not be reassigned, transferred, or sold to a new owner, new user, different premises, or to a new or changed operation.

13. Enforcement and Penalties

Failure to comply with any of the provisions of this permit, Ordinance 01-13-2004, or applicable State or Federal laws or regulations may result in any or all of the following actions:

(a) Administrative actions including but not limited to Notices of Violation, Administrative Orders, Administrative Hearings, Governing Board Hearings, Compliance Orders, and civil penalties;

- (b) Legal actions including but not limited to preliminary or permanent injunctions, or both;
- (c) Civil and/or criminal penalties;
- (d) Permit revocation;
- (e) Temporary or permanent disconnection from the District's sewerage system.
- (f) Water supply severance

14. Appeals

Any permittee affected by any decision, action, or determination, including Administrative Orders, issued by the Manager, interpreting or implementing the provisions of Ordinance 01-13-2004 or any permit issued therein, may file with the District a written request for reconsideration within ten (10) days of such decision, action, or determination, setting forth in detail in facts supporting the permittee's request for reconsideration.

If the ruling made by the Manager is unsatisfactory to the person requesting reconsideration, this person may, within ten (10) days after notification of District action, file a written appeal to the District's Board of Directors. The written appeal shall be heard by the body within sixty (60) days from the date of filing. The District's Board of Directors shall make a final ruling on the appeal within ten (10) days of the close of the meeting. The Manager's decision, action, or determination shall remain in effect during such period of reconsideration.

Any permittee aggrieved by a final order issued by the Board of Directors may obtain review of the order of the Board in the Superior Court by filing in the court a petition for writ of mandate within thirty (30) days following the service of a copy of a decision and order issued by the Board.

If no aggrieved party petitions for writ of mandate within the time provided by this section, an order of the Board shall not be subject to review by any court or agency, except that the Board may grant review on its own motion after the expiration of the time limits.

15. Maintenance Fee

A permittee may apply for a permit to maintain availability of allocated sewer units. A determination will be made by the District of applicable fixed costs associated with said sewer units. The District may issue a permit to maintain the allocated sewer units for a specific time frame. Terms and conditions of such a permit are determined on a case by case basis.

16. Definitions

- a) Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a time composite sample: composed of discrete sample aliquots collected in one container at constant time intervals providing representative samples irrespective of stream flow; or as a flow proportional composite sample: collected either as a constant sample volume at time intervals

proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.

- b) Daily Maximum – The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- c) Daily Maximum Limit – The maximum allowable discharge limit of a pollutant during a calendar day. Where daily maximum limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- d) Grab Sample – An individual sample collected in less than 15 minutes, without regard for flow or time.
- e) Instantaneous Maximum Concentration – The maximum concentration allowed in any single grab sample
- f) Cooling Water –
 - 1) Uncontaminated – Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - 2) Contaminated – Water used for cooling purposes only which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.
- g) Monthly Average - The arithmetic mean of the values for effluent sample collected during a calendar month or specified 30 day period (as opposed to a rolling 30 day window).
- h) Bi-Weekly – Once every other week.
- i) Bi-Monthly – Once every other month.
- j) Upset – Means an exceptional incident in which there is unintentional and temporary noncompliance with technology – based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.
- k) Bypass – Means the intentional diversion of wastes from any portion of a treatment facility.

PART 2 DISCHARGE PROHIBITIONS AND LIMITATIONS

1. Standard Discharge Prohibitions

The permittee shall comply with all discharge prohibitions and limitations specified in Ordinance 01-13-2004. Prohibited materials include but are not necessarily limited to:

- (a) Any materials which may cause interference or pass-through;
- (b) Oils and grease in any concentration or quantity which may contribute to an obstruction;
- (c) Explosive mixtures;
- (d) Noxious material;
- (e) Improperly shredded garbage;
- (f) Solid or viscous wastes which may cause obstruction;
- (g) Slug loads;
- (h) Toxic or hazardous substances;
- (i) Unpolluted waters
- (j) wastes with objectionable color not removed by the treatment process;
- (k) Corrosive wastes;
- (l) Trucked or hauled waste;
- (m) Any other materials which may cause or contribute to a detrimental environmental impact or nuisance, interfere with District opportunities to reclaim or recycle products of the treatment process, or may otherwise be incompatible with the wastewater facilities.

2. Specific Discharge Prohibitions

pH acceptable range = 6.0 – 10.5

E.C. (conductivity) 950 µmhos/cm maximum (monthly average)

B.O.D. 1,000 mg/l, (Surcharge above 300mg/l) (monthly average)

Suspended Solids 1,000 mg/l, (Surcharge above 270mg/l) (monthly average)

C.O.D. 1,000 mg/l, (monthly average)

Oils and Greases **200** mg/l, (monthly average)

Metals (with associated maximum allowable discharge):

lead	5ppm	silver	5ppm		
arsenic	5ppm	benene	0.02ppm	phenols	1ppm
cadmium	0.1ppm	zinc	5ppm		
chromium	5ppm	copper	5ppm	aluminum	5ppm
mercury	0.2ppm	barium	10ppm		
nickel	5ppm	selenium	1ppm	boron	8ppm

Total Toxic Organics (TTO)

Acenaphthene	Bis(2-chloroethoxy) methane	Toluene
Acrolein	Methylene chloride	Trichloroethylene
Acrylonitrile	Methyl chloride	Vinyl chloride
Benzene	Methyl bromide	Aldrin
Benzidine	Bromoform	Dieldrin
Carbon tetrachloride	Dichlorobromomethane	Chlordane
Chlorobenzene	Chlorodibromomethane	4,4-DDT
1,2,4 – Trichlorobenzene	Hexachlorobutadiene	4,4-DDE(p,p-DDX)
Hexachlorobenzene	Hexachlorocyclopentadiene	4,4-DDD(p,p-TDE)
1,2, - Dichloroethane	Isophorone	Alpha-endosulfan
1,1,1 – Trichloroethane	Naphthalene	Beta-endosulfan
Hexachloroethane	Nitrobenzene	Endosulfan sulfate
1,1 - Dichloroethane	2-Nitrophenol	Endrin
1,1,2 – Trichloroethane	4-Nitrophenol	Endrin aldehyde
1,1,2,2- Tetrachloroethane	2,4-Dinitrophenol	Heptachlor
Chloroethane	4,6-Dinitro-o-cresol	Heptachlor epoxide
Bis (2-chloroethyl) ether	N-nitrosodimethylamine	Alpha-BHC
2-Chloroethyl vinyl ether	N-nitrosodiphenylamine	Beta-BHC
2-Chloronaphthathene	N-nitrosodi-n-propylamine	Gamma-BHC
2,4,6 – Trichlorophenol	Pentachlorophenol	Delta-BHC
Parachlorometa cresol	Phenol	PCB-1242 (Arochlor 1242)
Chloroform	Bis (2-ethyhexyl) phthalate	PCB-1254 (Arochlor 1254)
2-Chlorophenol	Butyl benzyl phthalate	PCB-1221 (Arochlor 1221)
1,2-Dichlorobenzene	Di-n-butyl phthalate	PCB-1232 (Arochlor 1232)
1,3-Dichlorobenzene	Di-n-octyl phthalate	PCB-1248 (Arochlor 1248)
1,4-Dichlorobenzidine	Diethyl phthalate	PCB-1260 (Arochlor 1260)
3,3-Dichlorobenzidine	Dimethyl phthalate	PCB-1016 (Arochlor 1016)
1,1-Dichloroethylene	Benzo(a)Anthracene	Toxaphene
1,2- Trans-dichloroethylene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,4-Dichloropropane	Benzo(b)fluoranthene	
1,3-Dichlorophenol	Benzo(k)fluoranthene	
1,2-Dichloropropane	Chrysene	
1,3-Dichloropropylene	Acenaphthylene	
2,4-Dimethylphenol	Anthracene	
2,4-Dinitrotoluene	Benzo(ghi)perylene	
2,6-Dinitrotoluene	Fluorene	
1,2-Diphenylhydrazine	Phenanthrene	
Ethylbenzene	Dibenzo(a,h)anthracene	
Fluoranthene	Indeno(1,2,3-cd)pyrene	
4-Chlorophenyl phenyl ether	Pyrene	
4-Bromophenyl phenyl ether	Tetrachloroethylene	
Bis(2-chloroisopropyl) ether		

Note: Due to the nature of the discharge the TTO limits are not applicable.

Screening size 20 mesh/inch

Maximum Temperature – 150 °F

Gallons per day: correlated to sewer units for the facility.

- (c) Operate and maintain flowmeter, have it electronically calibrated annually and hydraulically calibrated every three years by a recognized professional in flowmeter testing and repair, and provide proof of calibration to the District prior to July 31 annually.

3. Reporting Requirements

- (a) The Manager may require any permittee to submit monitoring reports to the Manager, in a format and at a frequency specified by the Manager. The permittee shall comply with all reporting requirements specified in this permit or otherwise required, in writing, by the District.
- (b) All permittees subject to Federal categorical pretreatment standards shall comply with all applicable reporting requirements specified in 40CFR403.12.
- (c) The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District (phone 559-485-7353) of any wastewater discharge which is not in compliance with the permit or Ordinance 01-13-2004, or which might be reasonably judges to constitute a hazard to District personnel, the wastewater treatment system, or the environment.
- (d) Provide a site plan showing the location of all wastewater treatment facilities (grease traps, sand separators, etc.)
- (e) As per Part 1 Section 4, maintain a log of all wastewater and solids removed from the premises. Include the location of the hauled materials. Submit the information monthly.
- (f) Reports for parameter with a continuous monitoring frequency must be submitted monthly. The reports are due within 20 days after the end of each calendar month.

All monitoring reports must indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed during the reporting period preceding the submission of each report.

(g) Certification Statements

The permittee is required to sign and submit the following certification statement with all monitoring reports:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for

gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are signification penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

All reports required by this permit must be submitted to the **Malaga County Water District** at the following address:

Malaga County Water District
Attention: Manager
3580 S. Frank Street
Fresno, CA 93725

PART 4 SPECIAL CONDITIONS

1. Automatic Re-sampling

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

- a. Inform the **Malaga County Water District** of the violation within 24 hours and
- b. Repeat sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days of becoming aware of the first violation.

2. Oils and Grease Limitation

The limitation for oils and grease in the effluent is adjusted to 200 mg/l based on a review of the pretreatment facilities and pretreatment limitations of other facilities in the Central Valley. The adjustment in the limitation is temporary and subject to review and adjustment if the District experiences interference within the sewage collection system or the wastewater treatment facilities. The District may require Stratas Foods to fund either a) the flushing of the sewer line in Muscat Avenue from the Stratas Foods location east to Willow Avenue, or b) a video survey of the sewer line in Muscat Avenue from the Stratas Foods location east to Willow Avenue in 12 months from the date of issuance of this permit to determine if there are detrimental accumulations of oils and greases in the sewer line directly attributable to Stratas Foods. The review may include laboratory analysis of greases and oils to determine the source. If no detrimental impacts are identified, the District may allow a continuation of the 200 mg/l oil and grease limitation. If detrimental impacts are identified and are attributable to Stratas Foods, the limit would be reduced and repair of any damage would be the responsibility of Stratas Foods.

3. Accidental Discharge Report

- a) The permittee must notify the **Malaga County Water District** immediately upon the occurrence of spills, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges, that might present potential problems for the POTW or spills that might enter the public sewer. During normal business hours the **Malaga County Water District** should be notified by telephone at 559-485-7353. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental release in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within 5 days following an accidental discharge, the permittee shall submit to the **Malaga County Water District** a detailed written report. The report must specify:

- a) Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
- b) Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
- c) All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

PERMIT No. 1038

PART 1 STANDARD CONDITIONS

1. Duty to Comply

The permittee shall comply with all of the conditions of this permit and all of the provisions, terms, and requirements of all orders, ordinances, rules, and regulations of the District, including but not limited to connection permits, baseline discharge requirements (per Ordinance 01-13-2004) and agreements for wastewater disposal variance, as amended (per Ordinance 01-13-2004).

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the wastewater treatment system or the environment resulting from noncompliance with this permit.

3. Permit Modification

The District may modify the permit for good cause, including but not limited to, the following reasons:

- a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b) To address significant alterations or additions to the User's operation, processes, or wastewater volume or character since the time of the individual wastewater discharge permit issue;
- c) A change in any process or discharge condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d) Information indicating that the permitted discharge poses a threat to the Control Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e) Violation of any terms or conditions of the permit;
- f) Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
- g) Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- h) To correct typographical or other errors in the permit;
- i) To reflect of the facility ownership and/or operation to a new owner/operator; or

- j) Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4. Retention of Records

The permittee shall maintain a copy of this permit and Ordinance 01-13-2004 on file at 3333 S. Peach Ave., Fresno CA 93725.

The permittee shall maintain on-site for a minimum of three years any records of monitoring activities and results, and wastes hauled off-site (including Uniform Hazardous Waste Manifests), and make such records available for inspection and copying by District staff upon request. All records that pertain to matters that are the subject of Administrative Orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

5. Permit Termination

This permit may be terminated for the following reasons:

- a) Failure to notify the District of significant changes to the wastewater prior to the change discharge;
- b) Failure to provide prior notification to the District of changed conditions;
- c) Misrepresentation or failure to fully disclose all relevant facts in wastewater discharge permit application;
- d) Falsifying self-monitoring reports and/or certification statements;
- e) Tampering with monitoring equipment;
- f) Refusing to allow timely access to the facility premises and records;
- g) Failure to meet effluent limitations;
- h) Failure to pay fines;
- i) Failure to pay sewer charges;
- j) Failure to meet compliance schedules;

- k) Failure to complete a wastewater survey or the wastewater discharge permit application;
- l) Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
- m) Violation of any Pretreatment Standard or requirement including required BMPs, or any terms of the wastewater discharge permit or the sewer use ordinance.

6. Notification and Reporting

The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District at (559) 485-7353 of any wastewater discharge which is not in compliance with this permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.

The permittee shall furnish any information relating to wastewater discharge quantity and quality as required by the District, and shall comply with all reporting requirements specified in this permit.

7. Costs and Fees

The permittee shall pay all fees required by District ordinances, including but not limited to, connection fees, annexation fees, bond debt services charges, and sewer unit fees.

The permittee shall also pay any additional cost or expenses incurred by the District for handling and treating excess loads imposed on the treatment system and any cost or expense incurred by the District in the enforcement of the provisions of its ordinances and the correction of violations thereof.

8. Facilities

The permittee shall make wastewater acceptable under the limitations of Ordinance 01-13-2004 before discharging to the sewerage system. Any facilities required to pretreat wastewater to a level acceptable to the District shall be provided and maintained at the permittee's expense. Detailed plans showing the pretreatment facilities and operating facilities shall be submitted to the District for review, and shall be acceptable to and approved by the District, in writing, before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the District under the provisions of Ordinance 01-13-2004. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to, and be approved in writing by, the District.

Pretreatment facilities (including sampling and flow monitoring facilities) shall be maintained in good working order and shall be operated so as to ensure continuous compliance with District ordinances, resolutions, rules and regulations, and any applicable permits by the permittee at the permittee's own cost and expense. Pretreatment facilities are at all times subject to the requirements of these rules and regulations and all other applicable codes, ordinances, and laws. Intermittent operation

of pretreatment facilities excepts as provided for in writing by the District, during discharge to the sewerage system is prohibited.

All solids, sludge, filter backwash or other pollutants removed by pretreatment facilities shall not be discharged to the sewerage system, but shall be stored, treated and/or disposed of in accordance with applicable State and Federal regulations.

9. Right of Entry

The permittee shall allow District personnel, upon the presentation of credentials, to enter upon any property or premises at all reasonable times for the purpose of:

(a) Reviewing and copying any records required to be kept under the provisions of Ord. 01-13-2004;

(b) Inspecting any monitoring equipment, pretreatment facility or discharge-producing process; or

(c) Inspecting and/or sampling any discharge of wastewater to the wastewater facilities. District personnel may enter upon the property at any hour under emergency circumstances. In the event of such emergency entry, District personnel shall make every effort to immediately notify the permittee's designated agent.

10. Duration

The terms and conditions of this permit shall remain in effect until either:

(a) The permit is modified;

(b) The permit is revoked;

(c) The permit expires and cause is determined for non-renewal of the permit. Failure of the District to act upon a valid permit application or renewal application shall allow for automatic extension of operations under existing permit conditions until such District action is complete.

11. Severability

The provisions of this permit are severable, and if any provisions of this permit or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be affected hereby.

12. Transferability

This permit shall not be reassigned, transferred, or sold to a new owner, new user, different premises, or to a new or changed operation.

13. Enforcement and Penalties

Failure to comply with any of the provisions of this permit, Ordinance 01-13-2004, or applicable State or Federal laws or regulations may result in any or all of the following actions:

- (a) Administrative actions including but not limited to Notices of Violation, Administrative Orders, Administrative Hearings, Governing Board Hearings, Compliance Orders, and civil penalties;
- (b) Legal actions including but not limited to preliminary or permanent injunctions, or both;
- (c) Civil and/or criminal penalties;
- (d) Permit revocation;
- (e) Temporary or permanent disconnection from the District's sewerage system.
- (f) Water supply severance

14. Appeals

Any permittee affected by any decision, action, or determination, including Administrative Orders, issued by the Manager, interpreting or implementing the provisions of Ordinance 01-13-2004 or any permit issued therein, may file with the District a written request for reconsideration within ten (10) days of such decision, action, or determination, setting forth in detail in facts supporting the permittee's request for reconsideration.

If the ruling made by the Manager is unsatisfactory to the person requesting reconsideration, this person may, within ten (10) days after notification of District action, file a written appeal to the District's Board of Directors. The written appeal shall be heard by the body within sixty (60) days from the date of filing. The District's Board of Directors shall make a final ruling on the appeal within ten (10) days of the close of the meeting. The Manager's decision, action, or determination shall remain in effect during such period of reconsideration.

Any permittee aggrieved by a final order issued by the Board of Directors may obtain review of the order of the Board in the Superior Court by filing in the court a petition for writ of mandate within thirty (30) days following the service of a copy of a decision and order issued by the Board.

If no aggrieved party petitions for writ of mandate within the time provided by this section, an order of the Board shall not be subject to review by any court or agency, except that the Board may grant review on its own motion after the expiration of the time limits.

15. Maintenance Fee

A permittee may apply for a permit to maintain availability of allocated sewer units. A determination will be made by the District of applicable fixed costs associated with said sewer units. The District may issue a permit to maintain the allocated sewer units for a specific time frame. Terms and conditions of such a permit are determined on a case by case basis.

16. Definitions

- a) Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be

composited either as a time composite sample: composed of discrete sample aliquots collected in one container at constant time intervals providing representative samples irrespective of stream flow; or as a flow proportional composite sample: collected either as a constant sample volume at time intervals proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.

- b) Daily Maximum – The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- c) Daily Maximum Limit – The maximum allowable discharge limit of a pollutant during a calendar day. Where daily maximum limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- d) Grab Sample – An individual sample collected in less than 15 minutes, without regard for flow or time.
- e) Instantaneous Maximum Concentration – The maximum concentration allowed in any single grab sample
- f) Cooling Water –
 - 1) Uncontaminated – Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - 2) Contaminated – Water used for cooling purposes only which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.
- g) Monthly Average - The arithmetic mean of the values for effluent sample collected during a calendar month or specified 30 day period (as opposed to a rolling 30 day window).
- h) Bi-Weekly – Once every other week.
- i) Bi-Monthly – Once every other month.
- j) Upset – Means an exceptional incident in which there is unintentional and temporary noncompliance with technology – based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding

such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.

- k) Bypass – Means the intentional diversion of wastes from any portion of a treatment facility.

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The permittee shall comply with all discharge prohibitions and limitations specified in Ordinance 01-13-2004. Prohibited materials include but are not necessarily limited to:

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- (b) Oils and grease in any concentration or quantity which may contribute to an obstruction;
- (c) Explosive mixtures;
- (d) Noxious material;
- (e) Improperly shredded garbage;
- (f) Solid or viscous wastes which may cause obstruction;
- (g) Slug loads;
- (h) Toxic or hazardous substances;
- (i) Unpolluted waters
- (j) wastes with objectionable color not removed by the treatment process;
- (k) Corrosive wastes;
- (l) Trucked or hauled waste;
- (m) Any other materials which may cause or contribute to a detrimental environmental impact or nuisance, interfere with District opportunities to reclaim or recycle products of the treatment process, or may otherwise be incompatible with the wastewater facilities.

2. Specific Discharge Prohibitions

pH acceptable range = 6.0 – 9.0

E.C. (conductivity) 950 µmhos/cm maximum

B.O.D. 1,000 mg/l, (Surcharge above 300mg/l)

Suspended Solids 1,000 mg/l, (Surcharge above 270mg/l)

C.O.D. 1,000 mg/l,

Oils and Greases 100 mg/l,

Metals (with associated maximum allowable discharge):

lead	5ppm	silver	5ppm		
arsenic	5ppm	benene	0.02ppm	phenols	1ppm
cadmium	0.1ppm	zinc	5ppm		
chromium	5ppm	copper	5ppm	aluminum	5ppm
mercury	0.2ppm	barium	10ppm		
nickel	5ppm	selenium	1ppm	boron	8ppm

Total Toxic Organics (TTO)

Acenaphthene	Bis(2-chloroethoxy) methane	Toluene
Acrolein	Methylene chloride	Trichloroethylene
Acrylonitrile	Methyl chloride	Vinyl chloride
Benzene	Methyl bromide	Aldrin
Benzidine	Bromoform	Dieldrin
Carbon tetrachloride	Dichlorobromomethane	Chlordane
Chlorobenzene	Chlorodibromomethane	4,4-DDT
1,2,4 – Trichlorobenzene	Hexachlorobutadiene	4,4-DDE(p,p-DDX)
Hexachlorobenzene	Hexachlorocyclopentadiene	4,4-DDD(p,p-TDE)
1,2, - Dichloroethane	Isophorone	Alpha-endosulfan
1,1,1 – Trichloroethane	Naphthalene	Beta-endosulfan
Hexachloroethane	Nitrobenzene	Endosulfan sulfate
1,1 - Dichloroethane	2-Nitrophenol	Endrin
1,1,2 – Trichloroethane	4-Nitrophenol	Endrin aldehyde
1,1,2,2- Tetrachloroethane	2,4-Dinitrophenol	Heptachlor
Chloroethane	4,6-Dinitro-o-cresol	Heptachlor epoxide
Bis (2-chloroethyl) ether	N-nitrosodimethylamine	Alpha-BHC
2-Chloroethyl vinyl ether	N-nitrosodiphenylamine	Beta-BHC
2-Chloronaphthathene	N-nitrosodi-n-propylamine	Gamma-BHC
2,4,6 – Trichlorophenol	Pentachlorophenol	Delta-BHC
Parachlorometa cresol	Phenol	PCB-1242 (Arochlor 1242)
Chloroform	Bis (2-ethylhexyl) phthalate	PCB-1254 (Arochlor 1254)
2-Chlorophenol	Butyl benzyl phthalate	PCB-1221 (Arochlor 1221)
1,2-Dichlorobenzene	Di-n-butyl phthalate	PCB-1232 (Arochlor 1232)
1,3-Dichlorobenzene	Di-n-octyl phthalate	PCB-1248 (Arochlor 1248)
1,4-Dichlorobenzidine	Diethyl phthalate	PCB-1260 (Arochlor 1260)
3,3-Dichlorobenzidine	Dimethyl phthalate	PCB-1016 (Arochlor 1016)
1,1-Dichloroethylene	Benzo(a)Anthracene	Toxaphene
1,2- Trans-dichloroethylene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,4-Dichloropropane	Benzo(b)fluoranthene	
1,3-Dichlorophenol	Benzo(k)fluoranthene	
1,2-Dichloropropane	Chrysene	
1,3-Dichloropropylene	Acenaphthylene	
2,4-Dimethylphenol	Anthracene	
2,4-Dinitrotoluene	Benzo(ghi)perylene	
2,6-Dinitrotoluene	Fluorene	
1,2-Diphenylhydrazine	Phenanthrene	
Ethylbenzene	Dibenzo(a,h)anthracene	
Fluoranthene	Indeno(1,2,3-cd)pyrene	
4-Chlorophenyl phenyl ether	Pyrene	
4-Bromophenyl phenyl ether	Tetrachloroethylene	
Bis(2-chloroisopropyl) ether		

Note: Due to the nature of the discharge the TTO limits are not applicable.

Screening size 20 mesh/inch

Maximum Temperature – 150 °F

Gallons per day: correlated to sewer units for the facility.

PART 3 MONITORING AND REPORTING REQUIREMENTS

1. General Monitoring Requirements

- (a) The Manager may require any permittee to monitor wastewater discharge and to submit monitoring reports to the Manager, at a frequency specified by the Manager. The permittee shall comply with all monitoring requirements specified in this permit or otherwise required, in writing, by the District.
- (b) Flow monitoring and sampling facilities shall comply with all applicable provisions of this permit and ordinance 01-13-2004.
- (c) Laboratory analysis of industrial wastewater samples shall be performed in accordance with the approved test procedures specified in 40CFR136 unless otherwise authorized, in writing, by District staff.
- (d) All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments.

2. Specific Monitoring Requirements

- (a) From the period beginning on the effective date of the permit, the permittee must monitor outfall 001 for the following parameters, at the indicated frequency:

Sample Parameter (units)	Measurement Location	Frequency	Sample Type
Flow (gpd)	001	Daily ¹	
BOD (mg/L)	001	June, December	24hr Flow proportional composite
TSS(mg/L)	001	June, December	24hr Flow proportional composite
Copper (mg/L)	001	June, December	24hr Flow proportional composite
Lead	001	June, December	24hr Flow proportional composite
pH (s.u.)	001	June, December	Grab
Electroconductivity (µmhos/cm)	001	June, December	24hr Flow proportional composite

(meter)¹

¹Daily flows are to be recorded from the permittee's flow meter.

- (grab)** ³A minimum of four grab samples at equal intervals (but at least 1 hour apart) over a period of daily discharge.
- (24-hour composite)** ⁴ Flow-proportional composite sample over daily duration of discharge.

- (b) The sampler shall be maintained in accordance with manufacturer's recommendations, shall be cleaned once per month when in use, and samples shall be maintained at 4.0°C (±2.0°C).
- (c) Operate and maintain flowmeter, have it electronically calibrated annually and hydraulically calibrated every three years by a recognized professional in flowmeter testing and repair, and provide proof of calibration to the District prior to July 31 annually.

3. Reporting Requirements

- (a) The Manager may require any permittee to submit monitoring reports to the Manager, in a format and at a frequency specified by the Manager. The permittee shall comply with all reporting requirements specified in this permit or otherwise required, in writing, by the District.
- (b) All permittees subject to Federal categorical pretreatment standards shall comply with all applicable reporting requirements specified in 40CFR403.12.
- (c) The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District (phone 559-485-7353) of any wastewater discharge which is not in compliance with the permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.
- (d) Provide a site plan showing the location of all wastewater treatment facilities (grease traps, sand separators, etc.)
- (e) As per Part 1 Section 4, maintain a log of all wastewater and solids removed from the premises. Include the destination of the hauled materials. Submit the information monthly.
- (f) Reports for parameter with a continuous monitoring frequency must be submitted monthly. The reports are due within 15 days after the end of each calendar month.

All monitoring reports must indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed during the reporting period preceding the submission of each report.

(g) **Certification Statements**

The permittee is required to sign and submit the following certification statement with all monitoring reports:

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

All reports required by this permit must be submitted to the **Malaga County Water District** at the following address:

Malaga County Water District
Attention: Manager
3580 S. Frank Street
Fresno, CA 93725

PART 4 SPECIAL CONDITIONS

1. Automatic Re-sampling

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

1. Inform the **Malaga County Water District** of the violation within 24 hours and
2. Repeat sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days of becoming aware of the first violation.

3. Accidental Discharge Report

- a) The permittee must notify the **Malaga County Water District** immediately upon the occurrence of spills, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges, that might present potential problems for the POTW or spills that might enter the public sewer. During normal business hours the **Malaga County Water District** should be notified by telephone at 559-485-7353. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental release in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within 5 days following an accidental discharge, the permittee shall submit to the **Malaga County Water District** a detailed written report. The report must specify:

- a) Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
- b) Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
- c) All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

PERMIT No. 1140

PART 1 STANDARD CONDITIONS

1. Duty to Comply

The permittee shall comply with all of the conditions of this permit and all of the provisions, terms, and requirements of all orders, ordinances, rules, and regulations of the District, including but not limited to connection permits, baseline discharge requirements (per Ordinance 01-13-2004) and agreements for wastewater disposal variance, as amended (per Ordinance 01-13-2004).

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the wastewater treatment system or the environment resulting from noncompliance with this permit.

3. Permit Modification

The District may modify the permit for good cause, including but not limited to, the following reasons:

- a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;
- b) To address significant alterations or additions to the User's operation, processes, or wastewater volume or character since the time of the individual wastewater discharge permit issue;
- c) A change in any process or discharge condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d) Information indicating that the permitted discharge poses a threat to the Control Authority's collection and treatment systems, POTW personnel or the receiving waters;
- e) Violation of any terms or conditions of the permit;
- f) Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required reporting;
- g) Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- h) To correct typographical or other errors in the permit;
- i) To reflect of the facility ownership and/or operation to a new owner/operator; or

- j) Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4. Retention of Records

The permittee shall maintain a copy of this permit and Ordinance 01-13-2004 on file at 3333 S. Peach Ave., Fresno CA 93725.

The permittee shall maintain on-site for a minimum of three years any records of monitoring activities and results, and wastes hauled off-site (including Uniform Hazardous Waste Manifests), and make such records available for inspection and copying by District staff upon request. All records that pertain to matters that are the subject of Administrative Orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

5. Permit Termination

This permit may be terminated for the following reasons:

- a) Failure to notify the District of significant changes to the wastewater prior to the change discharge;
- b) Failure to provide prior notification to the District of changed conditions;
- c) Misrepresentation or failure to fully disclose all relevant facts in wastewater discharge permit application;
- d) Falsifying self-monitoring reports and/or certification statements;
- e) Tampering with monitoring equipment;
- f) Refusing to allow timely access to the facility premises and records;
- g) Failure to meet effluent limitations;
- h) Failure to pay fines;
- i) Failure to pay sewer charges;
- j) Failure to meet compliance schedules;
- k) Failure to complete a wastewater survey or the wastewater discharge permit application;

- l) Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
- m) Violation of any Pretreatment Standard or requirement including required BMPs, or any terms of the wastewater discharge permit or the sewer use ordinance.

6. Notification and Reporting

The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District at (559) 485-7353 of any wastewater discharge which is not in compliance with this permit or Ordinance 01-13-2004, or which might be reasonably judged to constitute a hazard to District personnel, the wastewater treatment system, or the environment.

The permittee shall furnish any information relating to wastewater discharge quantity and quality as required by the District, and shall comply with all reporting requirements specified in this permit.

7. Costs and Fees

The permittee shall pay all fees required by District ordinances, including but not limited to, connection fees, annexation fees, bond debt services charges, and sewer unit fees.

The permittee shall also pay any additional cost or expenses incurred by the District for handling and treating excess loads imposed on the treatment system and any cost or expense incurred by the District in the enforcement of the provisions of its ordinances and the correction of violations thereof.

8. Facilities

The permittee shall make wastewater acceptable under the limitations of Ordinance 01-13-2004 before discharging to the sewerage system. Any facilities required to pretreat wastewater to a level acceptable to the District shall be provided and maintained at the permittee's expense. Detailed plans showing the pretreatment facilities and operating facilities shall be submitted to the District for review, and shall be acceptable to and approved by the District, in writing, before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the District under the provisions of Ordinance 01-13-2004. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to, and be approved in writing by, the District.

Pretreatment facilities (including sampling and flow monitoring facilities) shall be maintained in good working order and shall be operated so as to ensure continuous compliance with District ordinances, resolutions, rules and regulations, and any applicable permits by the permittee at the permittee's own cost and expense. Pretreatment facilities are at all times subject to the requirements of these rules and regulations and all other applicable codes, ordinances, and laws. Intermittent operation of pretreatment facilities excepts as provided for in writing by the District, during discharge to the sewerage system is prohibited.

All solids, sludge, filter backwash or other pollutants removed by pretreatment facilities shall not be discharged to the sewerage system, but shall be stored, treated and/or disposed of in accordance with applicable State and Federal regulations.

9. Right of Entry

The permittee shall allow District personnel, upon the presentation of credentials, to enter upon any property or premises at all reasonable times for the purpose of:

- (a) Reviewing and copying any records required to be kept under the provisions of Ord. 01-13-2004;
- (b) Inspecting any monitoring equipment, pretreatment facility or discharge-producing process; or
- (c) Inspecting and/or sampling any discharge of wastewater to the wastewater facilities. District personnel may enter upon the property at any hour under emergency circumstances. In the event of such emergency entry, District personnel shall make every effort to immediately notify the permittee's designated agent.

10. Duration

The terms and conditions of this permit shall remain in effect until either:

- (a) The permit is modified;
- (b) The permit is revoked;
- (c) The permit expires and cause is determined for non-renewal of the permit. Failure of the District to act upon a valid permit application or renewal application shall allow for automatic extension of operations under existing permit conditions until such District action is complete.

11. Severability

The provisions of this permit are severable, and if any provisions of this permit or the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of the permit shall not be affected hereby.

12. Transferability

This permit shall not be reassigned, transferred, or sold to a new owner, new user, different premises, or to a new or changed operation.

13. Enforcement and Penalties

Failure to comply with any of the provisions of this permit, Ordinance 01-13-2004, or applicable State or Federal laws or regulations may result in any or all of the following actions:

- (a) Administrative actions including but not limited to Notices of Violation, Administrative Orders, Administrative Hearings, Governing Board Hearings, Compliance Orders, and civil penalties;

- (b) Legal actions including but not limited to preliminary or permanent injunctions, or both;
- (c) Civil and/or criminal penalties;
- (d) Permit revocation;
- (e) Temporary or permanent disconnection from the District's sewerage system.
- (f) Water supply severance

14. Appeals

Any permittee affected by any decision, action, or determination, including Administrative Orders, issued by the Manager, interpreting or implementing the provisions of Ordinance 01-13-2004 or any permit issued therein, may file with the District a written request for reconsideration within ten (10) days of such decision, action, or determination, setting forth in detail in facts supporting the permittee's request for reconsideration.

If the ruling made by the Manager is unsatisfactory to the person requesting reconsideration, this person may, within ten (10) days after notification of District action, file a written appeal to the District's Board of Directors. The written appeal shall be heard by the body within sixty (60) days from the date of filing. The District's Board of Directors shall make a final ruling on the appeal within ten (10) days of the close of the meeting. The Manager's decision, action, or determination shall remain in effect during such period of reconsideration.

Any permittee aggrieved by a final order issued by the Board of Directors may obtain review of the order of the Board in the Superior Court by filing in the court a petition for writ of mandate within thirty (30) days following the service of a copy of a decision and order issued by the Board.

If no aggrieved party petitions for writ of mandate within the time provided by this section, an order of the Board shall not be subject to review by any court or agency, except that the Board may grant review on its own motion after the expiration of the time limits.

15. Maintenance Fee

A permittee may apply for a permit to maintain availability of allocated sewer units. A determination will be made by the District of applicable fixed costs associated with said sewer units. The District may issue a permit to maintain the allocated sewer units for a specific time frame. Terms and conditions of such a permit are determined on a case by case basis.

16. Definitions

- a) Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a time composite sample: composed of discrete sample aliquots collected in one container at constant time intervals providing representative samples irrespective of stream flow; or as a flow proportional composite sample: collected either as a constant sample volume at time intervals

proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.

- b) Daily Maximum – The arithmetic average of all effluent samples for a pollutant collected during a calendar day.
- c) Daily Maximum Limit – The maximum allowable discharge limit of a pollutant during a calendar day. Where daily maximum limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- d) Grab Sample – An individual sample collected in less than 15 minutes, without regard for flow or time.
- e) Instantaneous Maximum Concentration – The maximum concentration allowed in any single grab sample
- f) Cooling Water –
 - 1) Uncontaminated – Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - 2) Contaminated – Water used for cooling purposes only which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.
- g) Monthly Average - The arithmetic mean of the values for effluent sample collected during a calendar month or specified 30 day period (as opposed to a rolling 30 day window).
- h) Bi-Weekly – Once every other week.
- i) Bi-Monthly – Once every other month.
- j) Upset – Means an exceptional incident in which there is unintentional and temporary noncompliance with technology – based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.
- k) Bypass – Means the intentional diversion of wastes from any portion of a treatment facility.

PART 2 DISCHARGE PROHIBITIONS AND LIMITATIONS

1. Standard Discharge Prohibitions

The permittee shall comply with all discharge prohibitions and limitations specified in Ordinance 01-13-2004. Prohibited materials include but are not necessarily limited to:

- (a) Any materials which may cause interference or pass-through;
- (b) Oils and grease in any concentration or quantity which may contribute to an obstruction;
- (c) Explosive mixtures;
- (d) Noxious material;
- (e) Improperly shredded garbage;
- (f) Solid or viscous wastes which may cause obstruction;
- (g) Slug loads;
- (h) Toxic or hazardous substances;
- (i) Unpolluted waters
- (j) wastes with objectionable color not removed by the treatment process;
- (k) Corrosive wastes;
- (l) Trucked or hauled waste;
- (m) Any other materials which may cause or contribute to a detrimental environmental impact or nuisance, interfere with District opportunities to reclaim or recycle products of the treatment process, or may otherwise be incompatible with the wastewater facilities.

2. Specific Discharge Prohibitions

pH acceptable range = 6.0 – 9.0

E.C. (conductivity) 950 µmhos/cm maximum

B.O.D. 1,000 mg/l, (Surcharge above 300mg/l)

Suspended Solids 1,000 mg/l, (Surcharge above 270mg/l)

C.O.D. 1,000 mg/l,

Oils and Greases 100 mg/l,

Metals (with associated maximum allowable discharge):

lead	5ppm	silver	5ppm		
arsenic	5ppm	benene	0.02ppm	phenols	1ppm
cadmium	0.1ppm	zinc	5ppm		
chromium	5ppm	copper	5ppm	aluminum	5ppm
mercury	0.2ppm	barium	10ppm		
nickel	5ppm	selenium	1ppm	boron	8ppm

Total Toxic Organics (TTO)

Acenaphthene	Bis(2-chloroethoxy) methane	Toluene
Acrolein	Methylene chloride	Trichloroethylene
Acrylonitrile	Methyl chloride	Vinyl chloride
Benzene	Methyl bromide	Aldrin
Benzidine	Bromoform	Dieldrin
Carbon tetrachloride	Dichlorobromomethane	Chlordane
Chlorobenzene	Chlorodibromomethane	4,4-DDT
1,2,4 – Trichlorobenzene	Hexachlorobutadiene	4,4-DDE(p,p-DDX)
Hexachlorobenzene	Hexachlorocyclopentadiene	4,4-DDD(p,p-TDE)
1,2, - Dichloroethane	Isophorone	Alpha-endosulfan
1,1,1 – Trichloroethane	Naphthalene	Beta-endosulfan
Hexachloroethane	Nitrobenzene	Endosulfan sulfate
1,1 - Dichloroethane	2-Nitrophenol	Endrin
1,1,2 – Trichloroethane	4-Nitrophenol	Endrin aldehyde
1,1,2,2- Tetrachloroethane	2,4-Dinitrophenol	Heptachlor
Chloroethane	4,6-Dinitro-o-cresol	Heptachlor epoxide
Bis (2-chloroethyl) ether	N-nitrosodimethylamine	Alpha-BHC
2-Chloroethyl vinyl ether	N-nitrosodiphenylamine	Beta-BHC
2-Chloronaphthathene	N-nitrosodi-n-propylamine	Gamma-BHC
2,4,6 – Trichlorophenol	Pentachlorophenol	Delta-BHC
Parachlorometa cresol	Phenol	PCB-1242 (Arochlor 1242)
Chloroform	Bis (2-ethylhexyl) phthalate	PCB-1254 (Arochlor 1254)
2-Chlorophenol	Butyl benzyl phthalate	PCB-1221 (Arochlor 1221)
1,2-Dichlorobenzene	Di-n-butyl phthalate	PCB-1232 (Arochlor 1232)
1,3-Dichlorobenzene	Di-n-octyl phthalate	PCB-1248 (Arochlor 1248)
1,4-Dichlorobenzidine	Diethyl phthalate	PCB-1260 (Arochlor 1260)
3,3-Dichlorobenzidine	Dimethyl phthalate	PCB-1016 (Arochlor 1016)
1,1-Dichloroethylene	Benzo(a)Anthracene	Toxaphene
1,2- Trans-dichloroethylene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,4-Dichloropropane	Benzo(b)fluoranthene	
1,3-Dichlorophenol	Benzo(k)fluoranthene	
1,2-Dichloropropane	Chrysene	
1,3-Dichloropropylene	Acenaphthylene	
2,4-Dimethylphenol	Anthracene	
2,4-Dinitrotoluene	Benzo(ghi)perylene	
2,6-Dinitrotoluene	Fluorene	
1,2-Diphenylhydrazine	Phenanthrene	
Ethylbenzene	Dibenzo(a,h)anthracene	
Fluoranthene	Indeno(1,2,3-cd)pyrene	
4-Chlorophenyl phenyl ether	Pyrene	
4-Bromophenyl phenyl ether	Tetrachloroethylene	
Bis(2-chloroisopropyl) ether		

Note: Due to the nature of the discharge the TTO limits are not applicable.

Screening size 20 mesh/inch

Maximum Temperature – 150 °F

Gallons per day: correlated to sewer units for the facility.

PART 3 MONITORING AND REPORTING REQUIREMENTS

1. General Monitoring Requirements

- (a) The Manager may require any permittee to monitor wastewater discharge and to submit monitoring reports to the Manager, at a frequency specified by the Manager. The permittee shall comply with all monitoring requirements specified in this permit or otherwise required, in writing, by the District.
- (b) Flow monitoring and sampling facilities shall comply with all applicable provisions of this permit and ordinance 01-13-2004.
- (c) Laboratory analysis of industrial wastewater samples shall be performed in accordance with the approved test procedures specified in 40CFR136 unless otherwise authorized, in writing, by District staff.
- (d) All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments.

2. Specific Monitoring Requirements

- (a) From the period beginning on the effective date of the permit, the permittee must monitor outfall 001 for the following parameters, at the indicated frequency:

Sample Parameter (units)	Measurement Location	Frequency	Sample Type
Flow (gpd)	001	Daily ¹	
BOD (mg/L)	001	June, December	24hr Flow proportional composite
TSS(mg/L)	001	June, December	24hr Flow proportional composite
Copper (mg/L)	001	June, December	24hr Flow proportional composite
Lead	001	June, December	24hr Flow proportional composite
pH (s.u.)	001	June, December	Grab
Electroconductivity (µmhos/cm)	001	June, December	24hr Flow proportional composite

(meter)¹

¹Daily flows are to be recorded from the permittee's flow meter.

- (grab) ³A single grab sample of daily discharge.
- (24-hour composite) ⁴ Flow-proportional composite sample over daily duration of discharge.

- (b) The sampler shall be maintained in accordance with manufacturer's recommendations, shall be cleaned once per month when in use, and samples shall be maintained at 4.0°C (±2.0°C).
- (c) Operate and maintain flowmeter, have it electronically calibrated annually and hydraulically calibrated every three years by a recognized professional in flowmeter testing and repair, and provide proof of calibration to the District prior to July 31 annually.

3. Reporting Requirements

- (a) The Manager may require any permittee to submit monitoring reports to the Manager, in a format and at a frequency specified by the Manager. The permittee shall comply with all reporting requirements specified in this permit or otherwise required, in writing, by the District.
- (b) All permittees subject to Federal categorical pretreatment standards shall comply with all applicable reporting requirements specified in 40CFR403.12.
- (c) The permittee shall notify the District prior to any new or changed discharge, and shall immediately notify the District (phone 559-485-7353) of any wastewater discharge which is not in compliance with the permit or Ordinance 01-13-2004, or which might be reasonably judges to constitute a hazard to District personnel, the wastewater treatment system, or the environment.
- (d) Provide a site plan showing the location of all wastewater treatment facilities (grease traps, sand separators, etc.)
- (e) As per Part 1 Section 4, maintain a log of all wastewater and solids removed from the premises. Include the location of the handled materials. Submit the information monthly.
- (f) Reports for parameter with a continuous monitoring frequency must be submitted monthly. The reports are due within 15 days after the end of each calendar month. **The average daily flow for the month shall be included in the report.**

All monitoring reports must indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed during the reporting period preceding the submission of each report.

(g) Certification Statements

The permittee is required to sign and submit the following certification statement with all monitoring reports:

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

All reports required by this permit must be submitted to the **Malaga County Water District** at the following address:

Malaga County Water District
Attention: Manager
3580 S. Frank Street
Fresno, CA 93725

PART 4 SPECIAL CONDITIONS

1. Automatic Re-sampling

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must:

1. Inform the **Malaga County Water District** of the violation within 24 hours and
 2. Repeat sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days of becoming aware if the first violation.
- ### 3. Accidental Discharge Report

- a) The permittee must notify the **Malaga County Water District** immediately upon the occurrence of spills, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges, that might potential problems for the POTW or spills that might enter the public sewer. During normal business hours the **Malaga County Water District** should be notified by telephone at 559-485-7353. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental release in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within 5 days following an accidental discharge, the permittee shall submit to the **Malaga County Water District** a detailed written report. The report must specify:

- a) Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
- b) Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
- c) All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

Malaga County Water District

**Exhibit C
Inspection Form**

Malaga County Water District
Non-Residential Wastewater Discharger
Facility Inspection Record

Facility Name		Date	
Address		MCWD Acct#	
Contact		Inspector	
Title		Permit #	
Phone Number			

Site Plan -

Waste Removal (Hauling) Records (List haulers and type of waste removed):

1.

2.

Pretreatment Facilities: (List type, additives, and operational conditions)

1.

Sand Separator & Grease Traps (List Size, condition, liquid levels, sludge levels etc.)

1.

2.

Floor Drains (List number, location and proximity of potential contaminants)

1.

2.

Waste Generating Processes

Other General Observations

Malaga County Water District

**Exhibit D
Administrative Complaint**

NEALE E. COSTANZO
MICHAEL G. SLATER

LAW OFFICES
COSTANZO & ASSOCIATES
A PROFESSIONAL CORPORATION
575 E. LOCUST AVENUE
SUITE 115
FRESNO, CALIFORNIA 93720-2928
(559) 261-0163

FAX (559) 261-0706
OUR FILE NO. 03024-005

January 12, 2011

Les Lemons
Fresno Truck Wash
4170 S. Bagley Avenue
Fresno, CA 93725

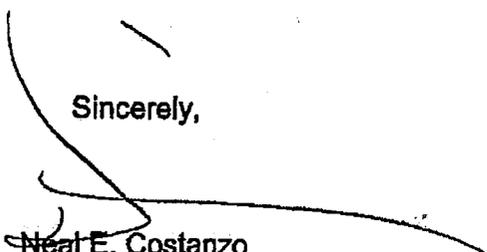
**Re: Administrative Complaint No. 2010-01; Continued Hearing on
Administrative Complaint
Hearing Date: February 15, 2011
Time: 10:00 a.m.
Location: Malaga County Water District**

Dear Mr. Lemons:

This will confirm that you, and other representatives of Fresno Truck Wash appeared at the hearing on the administrative complaint conducted by the Malaga County Water District (District) on January 10, 2011. At that time, and with your approval, the General Manager, the Hearing Officer on the administrative complaint, continued that hearing to February 15, 2011 at 10:00 a.m. at the same location. Prior to that date, if it has not occurred already, the District's engineer will contact Fresno Truck Wash and arrange for and conduct an inspection of the improvements that you indicated had been made to address the discharge violations occurring previously. With your agreement, the hearing on the administrative complaint and any determination concerning the imposition of any fine for past violations has been postponed and continued to the aforementioned date and time. Prior to that date, I will procure from the engineer a written report of his determinations concerning the acceptability of the improvements, and any need for any further improvements to address the discharge violations occurring previously, and I will share that with you prior to the continued hearing date.

If you have any questions please do not hesitate to contact me.

Sincerely,


Neal E. Costanzo

NEC/js
C/C Russ Holcomb
Michael Taylor

1 Malaga County Water District
3580 S. Frank Street
2 Fresno, CA 93725
Telephone: (559) 485-7353
3 Facsimile: (559) 485-7319

4
5
6
7

8 **MALAGA COUNTY WATER DISTRICT**
9 **ADMINISTRATIVE COMPLAINT**

10 In re) Complaint No. 2010-01
11)
12 FRESNO TRUCK WASH) ADMINISTRATIVE COMPLAINT
[Gov't. Code §54740.5]
13 _____) Hearing Date: January 12, 2011
Hearing Time: 10:00 a.m.
14 Location: Malaga County Water Dist.
3580 S. Frank Street
15 Fresno, CA 93725

16 **I. NOTICE**

17 1. NOTICE IS HEREBY GIVEN that an administrative hearing shall be
18 conducted on January 10, 2011, at the Malaga County Water District office, 3580 S. Frank
19 Street, Fresno, California 93725, in the Boardroom, at 10:00 a.m. to determine if Fresno
20 Truck Wash ("FTW") has: 1) had waste water discharges in violation of discharge limits;
21 2) has failed or refused to comply with a compliance schedule established by the Malaga
22 County Water District ("MCWD"); and 3) has failed or refused to furnish technical or
23 monitoring reports. After the hearing, the hearing officer shall issue a statement of
24 decision. The statement of decision may be issued immediately after the hearing or in
25 writing to the address of FTW on file with the MCWD or as otherwise requested by FTW
26 within 30 days after the hearing.

27 2. NOTICE IS FURTHER GIVEN that FTW may waive its right to a hearing by
28 notifying the MCWD in writing that FTW is waiving its right to a hearing. A waiver of right

ADMINISTRATIVE COMPLAINT

1 to hearing form, for convenience, is attached hereto and incorporated by this reference
2 herein as Exhibit A. If you choose to waive your right to a hearing, the attached form must
3 be filled out, signed, and delivered to the MCWD on or before the date of the hearing. If
4 you waive your right to a hearing, the hearing officer shall issue a notice of decision within
5 30 days of receipt of the hearing waiver.

6 3. NOTICE IS FURTHER GIVEN that if you are dissatisfied with the decision
7 of the hearing officer, whether or not a hearing was conducted, you may appeal the
8 decision of the hearing officer to the Board of Directors by giving notice to the secretary of
9 the Board of Directors, in writing, delivered to the MCWD office located at 3580 S. Frank
10 Street, Fresno, California 93725. Said notice of appeal must be received on or before the
11 30th day after the date of service of the hearing officer's statement of decision.

12 4. The notice of and statement of decision shall be served by United States
13 mail, first-class postage prepaid to the address provided on the waiver form and shall be
14 effective upon being deposited in a sealed envelope with the United States postage
15 service with postage fully prepaid.

16 **II. ACTS OR FAILURES TO ACT CONSTITUTING A VIOLATION**

17 A. VIOLATION OF MALAGA COUNTY WATER DISTRICT EFFLUENT
18 DISCHARGE LIMITS. [MCWD ORD. 1-13-2004; MCWD NON-
RESIDENTIAL WASTE WATER DISCHARGE PERMIT NO. 1095.]

19 5. On or about May 5, 2009, MCWD issued a Notice of Violation ("Notice")
20 giving FTW notice that it was in violation of MCWD Non-residential Discharge Permit No.
21 1095 by exceeding multiple waste water discharge limits.

22 6. FTW failed to correct said discharge violations and has continuously violated
23 said discharge limits. Each day FTW is (or has been) in violation of discharge limits is a
24 separate violation of MCWD Ordinance 1-13-2004 and MCWD Non-residential Waste
25 Water Discharge Permit No. 1095.

26 B. FAILING OR REFUSING TO COMPLY WITH COMPLIANCE SCHEDULE.
27 [MCWD ORD. 1-13-2004; MCWD NON-RESIDENTIAL WASTE WATER
DISCHARGE PERMIT NO. 1095.]

28 7. Said Notice also required FTW to install a monitoring manhole with a

1 continuous monitoring probe for electroconductivity. The monitoring manhole was also
2 required to have a portable sampler to sample the discharge. The monitoring manhole and
3 monitoring devices were to be installed and in use within 45 days of the date of the Notice.

4 8. Said Notice further required FTW to submit an analysis ("Technical Report")
5 performed by an engineer licensed in the State of California to determine whether the
6 existing pre-treatment facilities are sufficient to meet current standards.

7 9. FTW did not, within the time to comply, and has not to this date installed a
8 monitoring manhole as required or provide an analysis of the pre-treatment facilities.

9 C. FAILURE OR REFUSAL TO FURNISH TECHNICAL OR MONITORING
10 REPORTS. [MCWD ORD. 1-13-2004; MCWD NON-RESIDENTIAL WASTE
WATER DISCHARGE PERMIT NO. 1095.]

11 10. FTW has failed to monitor its discharge as required by the Notice, Non-
12 residential Waste Water Discharge Permit No. 1095 Ord. 1-13-2004, and/or applicable
13 state or federal requirements.

14 11. FTW has failed to provide monitoring reports as required by Non-residential
15 Waste Water Discharge Permit No. 1095 Ord. 1-13-2004, and/or applicable state or federal
16 requirements.

17 III. PROPOSED PENALTY

18 12. The penalty proposed to be assessed following the aforementioned hearing
19 for violations of MCWD discharge limits are as follows:

- 20 a. May 5, 2009, pH limit exceeded, penalty - \$5,000;
- 21 b. May 5, 2009, electroconductivity limit exceeded, penalty - \$5,000;
- 22 c. May 5, 2009, oils and greases limit exceeded, penalty - \$5,000;
- 23 d. December 21, 2009, electroconductivity limit exceeded, penalty -
24 \$5,000;
- 25 e. January 29, 2010, electroconductivity limit exceeded, penalty - \$5,000;
- 26 f. February 26, 2010, electroconductivity limit exceeded, penalty -
27 \$5,000; and
- 28 g. October 28, 2010, oils and greases limit exceeded, penalty - \$5,000.

1 For a total penalty of \$35,000 for the above-listed effluent discharge violations.

2 13. The maximum of penalties for failure or refusal to comply with the compliance
3 schedule established by the notice is \$3,000 for each day FTW has failed to comply from
4 45 days from the date of the notice until December 22, 2010, would be ¹ (\$3,000 x 545
5 days) for a total maximum penalty of \$1,635,000.

6 14. The maximum penalties for failure or refusal to furnish technical or monitoring
7 reports for the same period of time is \$2,000 per day ² (\$2,000 x 545 days) for a total of
8 \$1,090,000.

9 15. The total maximum penalty for failure to comply with the notice and for failure
10 to monitor is \$2,725,000.

11 16. The District proposes to assess five percent (5%) of the total of the maximum
12 penalty, or \$136,250.

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Dated: _____, 20____.

Russ Holcomb, General Manager
Malaga County Water District

¹Government Code §54740.5(d)(2).

²Government Code §54740.5(d)(1).

EXHIBIT A

WAIVER OF HEARING ON ADMINISTRATIVE COMPLAINT

- 1
2
3 1. Name of Customer: _____
4 2. Name of Representative: _____ and
5 Title: _____
6 3. Address Customer desires notices to be sent:

7 _____
8 _____
9 _____

10 _____ (name of Customer), pursuant to
11 Government Code §54740.5(b) hereby waives its right to a hearing before the hearing
12 officer for the Malaga County Water District on Administrative Complaint No. _____. I
13 understand that by waiving the right to a hearing, a hearing will not be conducted, and the
14 hearing officer for Malaga County Water District shall make a decision. I further
15 understand that if I am dissatisfied with the decision of the hearing officer, I may appeal
16 the decision of the hearing officer to the Board of Directors by giving notice to the Secretary
17 to the Board of Directors, in writing, delivered to the Malaga County Water District office
18 located at 3580 S. Frank Street, Fresno, California 93725, on or before the 30th day after
19 the date of service of the hearing officer's statement of decision.

20 I have read and understand the foregoing waiver and declare under penalty of
21 perjury under the laws of the State of California that the foregoing is true and correct and
22 that I am a duly authorized representative of the Customer and am authorized to make this
23 waiver.

24
25 Dated: _____, 20____ Name: _____
26 Title: _____
27
28

Malaga County Water District

Exhibit E
Laboratory Results for Class 1 Dischargers

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. R5-2008-0033
Air Products Permit No. 1140
2012

Report	Monthly Reports	Semi Annual Reports						Log of Solids Removed	Proof of Flowmeter Calibration
		Flow	Ec	pH	BOD	TSS	Iron		
		Ave 950 umhos/cm	Max 9.0	Max 1,000 mg/l	Max 1,000 mg/l	Max 1 mg/l	Max 5 mg/l		
	GPD		Min 6.0						
January - Air Products results	18214	830	8.51	12.0	8.9	0.26	0.029		
January - MCWD results									
February - Air Products results	18013								
February - MCWD results									
March - Air Products results	19758								
March - MCWD results									
April - Air Products results	21780	760	8.49	8.0	8.4	0.32	0.020		
April - MCWD results		600	7.4-7.8	ND	ND		0.011-0.015		
May - Air Products results	24144								
May - MCWD results			7.60				0.011		
June - Air Products results	29660								
June - MCWD results									
Semi Annual 1 - Air Products results		810	8.50	5.0	4.0	0.26	0.016		
Semi Annual 1 - MCWD results									
July - Air Products results	38225								
July - MCWD results									
August - Air Products results	45054								
August - MCWD results									
September - Air Products results	46556								
September - MCWD results									
October - Air Products results	43013								
October - MCWD results									
November - Air Products results	39370								
November - MCWD results									
December - Air Products results	37013								
December - MCWD results									
Semi Annual 2 - Air Products results		810	9.00	7.5	5.8	0.25	0.020		
Semi Annual 2 - MCWD results									
Annual									

Report	Monthly Reports						Log of Solids Removed	Proof of Flowmeter Calibration
	Flow	Ec	pH	BOD	TSS	Oils and Greases		
	GPD	Ave 950 umhos/cm	Max 9.0 Min 6.0	Max 1,000 mg/l	Max 1,000 mg/l	Max 100 mg/l		
January - Stratas results	10157	607	6.0 - 8.8	238	44	93	70960	
January - MCWD results								
February - Stratas results	8984	674	6.3 - 8.9	848	39	77	69440	
February - MCWD results		780						
March - Stratas results	10457	1188	6.3 - 9.6	460	45	124	32460	
March - MCWD results								
April - Stratas results	n/a	473	6.5 - 9.0	408	36	79	35060	
April - MCWD results		820	5.8 - 7.0					
May - Stratas results	9545	809	6.2 - 9.7	1130	112	168	81240	
May - MCWD results		1300						
June - Stratas results	9634	586	6.5 - 9.5	215	67	106	80600	
June - MCWD results								
July - Stratas results	10823	566	6.6 - 9.2	300	67	84	34280	
July - MCWD results								
August - Stratas results	13214	764	6.2 - 8.8	125	81	92	77300	
August - MCWD results								
September - Stratas results	8836	566	6.2 - 8.2	318	92	166	114940	
September - MCWD results								
October - Stratas results	6705	913	6.7 - 8.8	520	67	217	78100	
October - MCWD results		1500						
November - Stratas results	5451	675	6.9 - 8.7	196	177	132	30820	
November - MCWD results		1000						
December - Stratas results	9922	367	6.1 - 8.6	161	74	152	27600	
December - MCWD results		350						
Annual								

Report	Monthly Reports		Semi Annual Reports			Proof of Flowmeter Calibration
	Flow gpd	Ec Ave 950 umhos/cm	pH Max 9.0 Min 6.0	BOD Max 1,000 mg/l	TSS Max 1,000 mg/l	
January - Rio Bravo results	119860	931				
January - MCWD results		800				
February - Rio Bravo results	107991	871				
February - MCWD results		850				
March - Rio Bravo results	120812	932				
March - MCWD results						
April - Rio Bravo results	138148	932				4/30/2012
April - MCWD results		960	8.0			
May - Rio Bravo results	120143	869	8.1	3.4	12.0	
May - MCWD results		450				
June - Rio Bravo results	131137	925				
June - MCWD results						
Semi Annual 1 - Rio Bravo results			7.8	1.5	1.8	
Semi Annual 1 - MCWD results						
July - Rio Bravo results	124873	927				
July - MCWD results						
August - Rio Bravo results	107654	926				
August - MCWD results						
September - Rio Bravo results	98240	802				
September - MCWD results						
October - Rio Bravo results	123222	937				
October - MCWD results		1000				
November - Rio Bravo results	86166	823				
November - MCWD results		350				
December - Rio Bravo results	72230	918				
December - MCWD results		990				
Semi Annual 2 - Rio Bravo results			7.8	1.5	1.8	
Semi Annual 2 - MCWD results						
Annual						

**MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. R5-2008-0033
ADM Stratas Permit No. 1008
2012**

Report	Monthly Reports						Log of Solids Removed	Proof of Flowmeter Calibration
	Flow	Ec	pH	BOD	TSS	Oils and Greases		
		Ave 950 umhos/cm	Max 9.0	Max 1,000 mg/l	Max 1,000 mg/l	Max 100 mg/l		
	GPD		Min 6.0				lbs	
January - Stratas results	10157	607	6.0 - 8.8	238	44	93	70960	
January - MCWD results								
February - Stratas results	8984	674	6.3 - 8.9	848	39	77	69440	
February - MCWD results		780						
March - Stratas results	10457	1188	6.3 - 9.6	460	45	124	32460	
March - MCWD results								
April - Stratas results	n/a	473	6.5 - 9.0	408	36	79	35060	
April - MCWD results		820	5.8 - 7.0					
May - Stratas results	9545	809	6.2 - 9.7	1130	112	168	81240	
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June - MCWD results								
July - Stratas results	10823	566	6.6 - 9.2	300	67	84	34280	
July - MCWD results								
August - Stratas results	13214	764	6.2 - 8.8	125	81	92	77300	
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September - Stratas results	8836	566	6.2 - 8.2	318	92	166	114940	
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November - MCWD results		1000						
December - Stratas results	9922	367	6.1 - 8.6	161	74	152	27600	
December - MCWD results		350						
Annual								



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D27048

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 2D27048.

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".

Liz Rutherford
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 Lopes

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Air Products	2D27048-01	Waste Water	04/27/12 13:30	04/27/12 15:15

Analytical Report for Work Order 2D27048

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 04/27/12 13:30 2D27048-01 (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		670	10	8.1	mg/L	1	T2E0311	05/03/12	05/05/12	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		7.4	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D3009	04/28/12	04/28/12	SM5540C
Arsenic		6.2	1.0	0.15	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Cadmium	J	0.11	0.20	0.079	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Chromium		8.9	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Copper		13	2.0	0.094	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Molybdenum		430	10	0.25	µg/L	10	T2E0401	05/04/12	05/09/12	EPA 200.8
Nickel		1.8	1.0	0.039	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Selenium		1.1	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Zinc		110	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

- RPD The RPD result exceeded the QC control limits. However, both percent recoveries were acceptable.
 - MSI 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

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:
 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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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	Spiko Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

Batch T2D2703

Duplicate (T2D2703-DUP3)		Source: 2D26032-05		Prepared & Analyzed: 04/27/12						
pH		8.51	0.10	pH Units		8.51			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 Lopes

Reported:
 05/22/2012

Inorganics - Quality Control

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

Batch T2D3009

I.C.S (T2D3009-BS1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		0.923	0.050	mg/L	1.00		92.3	80-120		20
I.C.S 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 T2E0311

Blank (T2E0311-BLK1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		ND	10	mg/L						
I.C.S (T2E0311-BS1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		252	10	mg/L	240		105	80-120		20
I.C.S Dup (T2E0311-BSD1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		248	10	mg/L	240		103	80-120	1.40	20
Duplicate (T2E0311-DUP1)		Source: 2D20002-02		Prepared: 05/03/12 Analyzed: 05/05/12						
Total Dissolved Solids		10.5	10	mg/L		10.5			0.00	20
Duplicate (T2E0311-DUP2)		Source: 2D24016-01		Prepared: 05/03/12 Analyzed: 05/05/12						
Total Dissolved Solids		204	10	mg/L		209			2.67	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
---------	-------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch T2E1007

Blank (T2E1007-BLK1)		Prepared & Analyzed: 05/10/12								
Ammonia as N		ND	1.0	mg/L						
I.C.S (T2E1007-BS1)		Prepared & Analyzed: 05/10/12								
Ammonia as N		22.1	1.0	mg/L	22.5		98.1	80-120		20
I.C.S 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



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

California FLAP 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

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

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

LCS (T2E0401-BS1)

Prepared & Analyzed: 05/04/12

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

LCS Dup (T2E0401-BSD1)

Prepared & Analyzed: 05/04/12

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

Cadmium		50	0.20	µg/L	50.0	ND	99.6	70-130		20
Arsenic		56	1.0	"	50.0	6.6	99.5	70-130		20
Chromium		50	1.0	"	50.0	ND	99.9	70-130		20
Molybdenum		56	1.0	"	50.0	3.4	105	70-130		20
Lead		46	0.50	"	50.0	ND	93.0	70-130		20
Zinc		51	5.0	"	50.0	ND	103	75-125		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
Nickel		48	1.0	"	50.0	0.13	96.7	75-125		20

Matrix Spike (T2E0401-MS2)

Source: 2E02013-01

Prepared: 05/04/12 Analyzed: 05/07/12

Zinc		54	5.0	µg/L	50.0	4.8	99.1	75-125		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
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
Arsenic		55	1.0	"	50.0	6.3	98.1	70-130		20
Nickel		49	1.0	"	50.0	0.56	97.1	75-125		20
Copper		49	2.0	"	50.0	0.73	96.4	70-130		20
Lead		46	0.50	"	50.0	0.083	92.7	70-130		20

Matrix Spike Dup (T2E0401-MSD1)

Source: 2D27059-02

Prepared: 05/04/12 Analyzed: 05/07/12

Nickel		48	1.0	µg/L	50.0	0.13	95.8	75-125	1.01	20
Selenium		46	1.0	"	50.0	0.19	91.8	70-130	3.77	20
Zinc		51	5.0	"	50.0	ND	101	75-125	1.33	20
Molybdenum		56	1.0	"	50.0	3.4	104	70-130	0.314	20
Lead		46	0.50	"	50.0	ND	93.0	70-130	0.0423	20
Chromium		49	1.0	"	50.0	ND	98.1	70-130	1.84	20
Cadmium		49	0.20	"	50.0	ND	98.2	70-130	1.40	20
Arsenic		55	1.0	"	50.0	6.6	97.4	70-130	1.87	20
Copper		48	2.0	"	50.0	1.8	93.0	70-130	2.32	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:
 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				
Zinc	54	5.0	µg/L	50.0	4.8	98.3	75-125	0.775	20
Lead	47	0.50	"	50.0	0.083	92.8	70-130	0.136	20
Nickel	49	1.0	"	50.0	0.56	97.5	75-125	0.419	20
Chromium	54	1.0	"	50.0	3.9	100	70-130	0.672	20
Copper	49	2.0	"	50.0	0.73	95.8	70-130	0.641	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
Selenium	48	1.0	"	50.0	0.52	95.2	70-130	0.139	20
Molybdenum	55	1.0	"	50.0	2.5	104	70-130	0.511	20

Batch T2E0711

Blank (T2E0711-BL1K1)				Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	ND	0.20	µg/L						
I.C.S (T2E0711-BS1)				Prepared: 05/07/12		Analyzed: 05/08/12			
Mercury	4.80	0.20	µg/L	5.00		96.0	80-115		20
I.C.S 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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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

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 #: 2077048
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: MCLLD
COMPANY: MCLLD	COMPANY: SAME	
ADDRESS: 3580 S. FRANK FRESNO CA. 93725	ADDRESS:	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 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"/> 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 SY - STORM WATER WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	--	--	---

NOTES ON RECEIVED CONDITION:

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

LAB USE	CLIENT SAMPLE ID	DATE	TIME	TYPE	ANALYSIS REQUESTED										LAB USE
					AMMONIA	CHLORIDE	COBALT	METALS	SULFATE	TA	TDS	PH			
	1 AIR PRODUCTS	1/24			<i>[Handwritten diagonal line across the table]</i>										

COMMENTS/ADDITIONAL INSTRUCTIONS:

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

2027648

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	/			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 a sufficient amount of sample sent for tests indicated?:	/			
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	/			
Were Ascorbic Acid Bottles received with the VOAs	/			

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: _____

27048

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 13 of 13

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: 1207913
Invoice ID: B122185

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

2027048



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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207913 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14835

California ELAP Certification # 1371

MTA Project # **2D27048**

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

12-07913

Sample Comments

Client Sample ID#: **Air Products**

MTA Sample ID: 2D27048-01 Matrix: Water Sampled: 04/27/12 13:30 Report Due to Client: 05/11/12

Requested Analysis: 8141A (Sub) Holding time expires: 05/04/12 13:30

Containers Supplied:

1L Amber Glass
Unpreserved (A)

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

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

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 1207913 Page 2 of 2

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 of 1

Submission #: 12-07913

SHIPPING INFORMATION
 Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER
 Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
YES NO

Emissivity: 0.98 Container: 200PL Thermometer ID: 177

Date/Time 5-1-12

Temperature: A 3.4 °C / C 3.5 °C

Analyst Init JWW 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										
PT PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.1, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
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										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

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

BC LAB FORMS\SAMREC2.WPD



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: 2D27048
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207913-01	COC Number:	---	Receive Date:	05/01/2012 21:45
	Project Number:	---	Sampling Date:	04/27/2012 13:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	2D27048-01 Air Products	Lab Matrix:	Water
	Sampled By:	Client	Sample Type:	Water

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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: 2D27048
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207913-01		Client Sample Name: 2D27048-01 Air Products, 4/27/2012 1:30:00PM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	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	0.088	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)	113	%	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 07:45	CC1	GC-7	1.031	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 12:34
Project: Water Samples
Project Number: 2D27048
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 (Fenclorphos)	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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Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twinning Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27048
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	Control Limits		Lab
							RPD	Percent Recovery	
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
2627 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:34
Project: Water Samples
Project Number: 2D27048
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			
								Percent Recovery	RPD	Percent Recovery	Lab
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: 2D27048
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.



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2E01004

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 05/01/12. For your reference, these analyses have been assigned laboratory work order number 2E01004.

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 "Liz Rutherford".

Liz Rutherford
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: Tony Morales

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Air Products	2E01004-01	Waste Water	05/01/12 10:30	05/01/12 11:00

Analytical Report for Work Order 2E01004

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Air Products											
								Sampled: 05/01/12 10:30 2E01004-01 (Waste Water)			
Ammonia as N		4.1	1.0	0.48	mg/L	1	T2E1506	05/15/12	05/17/12	EPA 350.1	
Total Dissolved Solids		710	100	81	mg/L	10	T2E0713	05/07/12	05/10/12	SM 2540C	
Chlorine Residual (In Lab Analysis)		ND	0.10	0.10	mg/L	1	T2E0122	05/01/12	05/01/12	SM4500-Cl F	
pH		7.6	0.10	0.10	pH Units	1	T2E0106	05/01/12	05/01/12	SM4500-H B	
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2E0206	05/02/12	05/02/12	SM5540C	
Arsenic		6.4	1.0	0.15	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Cadmium		ND	0.20	0.079	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Chromium		9.7	1.0	0.17	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Copper		11	2.0	0.094	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Lead		ND	0.50	0.029	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Molybdenum		310	10	0.25	µg/L	10	T2E0815	05/08/12	05/09/12	EPA 200.8	
Nickel		1.7	1.0	0.039	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Selenium		1.2	1.0	0.17	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Zinc		78	5.0	3.0	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8	
Mercury	J	0.11	0.20	0.062	µg/L	1	T2E0907	05/09/12	05/10/12	EPA 245.1	

Notes and Definitions

- MS4 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration.
 - 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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 (559) 268-0740 Fax

California ELAP Certificate #1371

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

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

Reported:
 05/22/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E0106

LCS (T2E0106-BS1)					Prepared & Analyzed: 05/01/12					
pH		7.00	0.10	pH Units	7.00		100	80-120		20
LCS Dup (T2E0106-BSD1)					Prepared & Analyzed: 05/01/12					
pH		7.01	0.10	pH Units	7.00		100	80-120	0.143	20
Duplicate (T2E0106-DUP1)					Prepared & Analyzed: 05/01/12					
pH		7.55	0.10	pH Units		7.54			0.133	20
Duplicate (T2E0106-DUP2)					Prepared & Analyzed: 05/01/12					
pH		6.81	0.10	pH Units		6.81			0.00	20

Batch T2E0122

Blank (T2E0122-BLK1)					Prepared: 05/01/12 Analyzed: 05/02/12					
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2E0122-DUP1)					Prepared: 05/01/12 Analyzed: 05/02/12					
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2E0206

Blank (T2E0206-BLK1)					Prepared & Analyzed: 05/02/12					
Methylene Blue Active Substances		ND	0.050	mg/L						
LCS (T2E0206-BS1)					Prepared & Analyzed: 05/02/12					
Methylene Blue Active Substances		0.920	0.050	mg/L	1.00		92.0	80-120		20



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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: Tony Morales

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 T2E0206

LCS Dup (T2E0206-BSD1)						Prepared & Analyzed: 05/02/12				
Methylene Blue Active Substances		0.930	0.050	mg/L	1.00		93.0	80-120	1.08	20
Matrix Spike (T2E0206-MS1)		Source: 2D30042-01				Prepared & Analyzed: 05/02/12				
Methylene Blue Active Substances		0.975	0.050	mg/L	1.00	ND	97.5	80-120		20
Matrix Spike (T2E0206-MS2)		Source: 2E01004-01				Prepared & Analyzed: 05/02/12				
Methylene Blue Active Substances		1.03	0.050	mg/L	1.00	ND	103	80-120		20
Matrix Spike Dup (T2E0206-MSD1)		Source: 2D30042-01				Prepared & Analyzed: 05/02/12				
Methylene Blue Active Substances		0.950	0.050	mg/L	1.00	ND	95.0	80-120	2.60	20
Matrix Spike Dup (T2E0206-MSD2)		Source: 2E01004-01				Prepared & Analyzed: 05/02/12				
Methylene Blue Active Substances		0.980	0.050	mg/L	1.00	ND	98.0	80-120	4.98	20

Batch T2E0713

Blank (T2E0713-BLK1)						Prepared: 05/07/12 Analyzed: 05/10/12				
Total Dissolved Solids		ND	10	mg/L						
LCS (T2E0713-BS1)						Prepared: 05/07/12 Analyzed: 05/10/12				
Total Dissolved Solids		256	10	mg/L	240		107	80-120		20
LCS Dup (T2E0713-BSD1)						Prepared: 05/07/12 Analyzed: 05/10/12				
Total Dissolved Solids		251	10	mg/L	240		105	80-120	2.17	20
Duplicate (T2E0713-DUP1)		Source: 2E01014-01				Prepared: 05/07/12 Analyzed: 05/10/12				
Total Dissolved Solids		270	10	mg/L		264			1.87	20



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 (559) 268-0740 Fax

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 3580 S. Frank
 Fresno CA, 93725

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

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 T2E0713

Duplicate (T2E0713-DUP2)		Source: 2E01014-03				Prepared: 05/07/12		Analyzed: 05/10/12		
Total Dissolved Solids		184	10	mg/L		174			5.87	20

Batch T2E1506

Blank (T2E1506-BLK1)						Prepared: 05/15/12		Analyzed: 05/17/12		
Ammonia as N		ND	1.0	mg/L						

LCS (T2E1506-BS1)						Prepared: 05/15/12		Analyzed: 05/17/12		
Ammonia as N		22.2	1.0	mg/L		22.5		98.8	80-120	20

LCS Dup (T2E1506-BSD1)						Prepared: 05/15/12		Analyzed: 05/17/12		
Ammonia as N		22.1	1.0	mg/L		22.5		98.4	80-120	0.361

Matrix Spike (T2E1506-MS1)		Source: 2E01008-02				Prepared: 05/15/12		Analyzed: 05/17/12		
Ammonia as N		25.9	1.0	mg/L		22.5	3.47	99.7	80-120	20

Matrix Spike Dup (T2E1506-MSD1)		Source: 2E01008-02				Prepared: 05/15/12		Analyzed: 05/17/12		
Ammonia as N		27.2	1.0	mg/L		22.5	3.47	106	80-120	4.97



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 (559) 268-0740 Fax

California ELAP Certificate #1371

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

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

Reported:
 05/22/2012

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 T2E0815

Blank (T2E0815-BLK1)

Prepared: 05/08/12 Analyzed: 05/09/12

Cadmium		ND	0.20	µg/L						
Chromium	J	0.720	1.0	"						
Molybdenum	J	0.0282	1.0	"						
Lead		ND	0.50	"						
Nickel		ND	1.0	"						
Copper	J	0.139	2.0	"						
Arsenic		ND	1.0	"						
Zinc		ND	5.0	"						
Selenium		ND	1.0	"						

LCS (T2E0815-BS1)

Prepared: 05/08/12 Analyzed: 05/09/12

Copper		51.9	2.0	µg/L	50.0		104	85-115		20
Arsenic		50.8	1.0	"	50.0		102	85-115		20
Lead		49	0.50	"	50.0		98.5	85-115		20
Chromium		51.7	1.0	"	50.0		103	85-115		20
Selenium		51.6	1.0	"	50.0		103	85-115		20
Cadmium		49.9	0.20	"	50.0		99.8	85-115		20
Molybdenum		50.1	1.0	"	50.0		100	85-115		20
Zinc		53.6	5.0	"	50.0		107	85-115		20
Nickel		51.5	1.0	"	50.0		103	85-115		20

LCS Dup (T2E0815-BSD1)

Prepared: 05/08/12 Analyzed: 05/09/12

Copper		51.5	2.0	µg/L	50.0		103	85-115	0.787	20
Chromium		51.1	1.0	"	50.0		102	85-115	1.15	20
Nickel		51.2	1.0	"	50.0		102	85-115	0.488	20
Molybdenum		49.5	1.0	"	50.0		99.0	85-115	1.19	20
Selenium		50.9	1.0	"	50.0		102	85-115	1.30	20
Cadmium		50.2	0.20	"	50.0		100	85-115	0.474	20
Arsenic		50.6	1.0	"	50.0		101	85-115	0.345	20
Zinc		53.0	5.0	"	50.0		106	85-115	1.09	20
Lead		49	0.50	"	50.0		98.3	85-115	0.218	20

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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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: Tony Morales

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 T2E0815

Matrix Spike (T2E0815-MS1)		Source: 2D25027-02			Prepared: 05/08/12		Analyzed: 05/09/12			
Arsenic		81	1.0	µg/L	50.0	36	90.2	70-130		20
Cadmium		50	0.20	"	50.0	ND	99.9	70-130		20
Selenium		49	1.0	"	50.0	0.30	97.5	70-130		20
Zinc	MS4	1200	5.0	"	50.0	1300	NR	75-125		20
Copper		52	2.0	"	50.0	2.2	99.4	70-130		20
Nickel		50	1.0	"	50.0	0.30	100	75-125		20
Chromium		51	1.0	"	50.0	0.47	102	70-130		20
Lead		51	0.50	"	50.0	4.8	93.4	70-130		20
Molybdenum		97	1.0	"	50.0	54	87.6	70-130		20

Matrix Spike (T2E0815-MS2)		Source: 2D30049-01			Prepared: 05/08/12		Analyzed: 05/09/12			
Molybdenum		490	10	µg/L	50.0	430	106	70-130		20
Selenium		49	1.0	"	50.0	1.2	95.9	70-130		20
Arsenic		56	1.0	"	50.0	6.3	99.2	70-130		20
Chromium		62	1.0	"	50.0	9.5	105	70-130		20
Copper		61	2.0	"	50.0	15	92.9	70-130		20
Cadmium		48	0.20	"	50.0	ND	96.7	70-130		20
Zinc		130	5.0	"	50.0	84	85.8	75-125		20
Lead		46	0.50	"	50.0	ND	91.2	70-130		20
Nickel		51	1.0	"	50.0	1.8	98.2	75-125		20

Matrix Spike Dup (T2E0815-MSD1)		Source: 2D25027-02			Prepared: 05/08/12		Analyzed: 05/09/12			
Chromium		51	1.0	µg/L	50.0	0.47	102	70-130	0.205	20
Nickel		51	1.0	"	50.0	0.30	101	75-125	0.592	20
Selenium		48	1.0	"	50.0	0.30	95.7	70-130	1.91	20
Arsenic		81	1.0	"	50.0	36	89.5	70-130	0.402	20
Zinc	MS4	1200	5.0	"	50.0	1300	NR	75-125	0.821	20
Cadmium		50	0.20	"	50.0	ND	99.6	70-130	0.245	20
Lead		52	0.50	"	50.0	4.8	93.9	70-130	0.489	20
Copper		52	2.0	"	50.0	2.2	98.9	70-130	0.429	20
Molybdenum		98	1.0	"	50.0	54	89.9	70-130	1.21	20



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

California ELAP Certificate #1371

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

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

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

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

Batch T2E0815

Matrix Spike Dup (T2E0815-MSD2)	Source: 2D30049-01	Prepared: 05/08/12	Analyzed: 05/09/12							
Zinc	130	5.0	µg/L	50.0	84	85.4	75-125	0.143	20	
Selenium	49	1.0	"	50.0	1.2	95.0	70-130	0.919	20	
Chromium	62	1.0	"	50.0	9.5	106	70-130	1.07	20	
Cadmium	48	0.20	"	50.0	ND	95.6	70-130	1.14	20	
Arsenic	56	1.0	"	50.0	6.3	98.9	70-130	0.271	20	
Lead	46	0.50	"	50.0	ND	91.3	70-130	0.0505	20	
Molybdenum	490	10	"	50.0	430	118	70-130	1.24	20	
Copper	62	2.0	"	50.0	15	93.6	70-130	0.556	20	
Nickel	51	1.0	"	50.0	1.8	98.2	75-125	0.0689	20	

Batch T2E0907

Blank (T2E0907-BLK1)				Prepared: 05/09/12	Analyzed: 05/10/12						
Mercury	J	0.0684	0.20	µg/L							
LCS (T2E0907-BS1)				Prepared: 05/09/12	Analyzed: 05/10/12						
Mercury		4.99	0.20	µg/L	5.00	99.7	80-115		20		
LCS Dup (T2E0907-BSD1)				Prepared: 05/09/12	Analyzed: 05/10/12						
Mercury		5.26	0.20	µg/L	5.00	105	80-115	5.35	20		
Matrix Spike (T2E0907-MS1)				Source: 2E04013-03	Prepared: 05/09/12	Analyzed: 05/10/12					
Mercury		15.9	0.60	µg/L	15.0	0.518	102	70-125		20	
Matrix Spike (T2E0907-MS2)				Source: 2E09003-07	Prepared: 05/09/12	Analyzed: 05/10/12					
Mercury		32.3	1.2	µg/L	30.0	0.713	105	70-125		20	



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

California ELAP Certificate #1371

Mulaga County Water District
 3580 S. Frank
 Fresno CA. 93725

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

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 T2E0907

Matrix Spike Dup (T2E0907-MSD1)		Source: 2E04013-03			Prepared: 05/09/12 Analyzed: 05/10/12					
Mercury		16.7	0.60	µg/L	15.0	0.518	108	70-125	4.89	20
Matrix Spike Dup (T2E0907-MSD2)		Source: 2E09003-07			Prepared: 05/09/12 Analyzed: 05/10/12					
Mercury		32.9	1.2	µg/L	30.0	0.713	107	70-125	1.95	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 2E01004

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:		<input type="checkbox"/> INVOICE TO:	<input type="checkbox"/> REPORT COPY TO:	REPORTING:
CONTACT: <u>PHILIP LORES</u>	CONTACT: <u>L. COYTES</u>	<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>MCWD</u>		
COMPANY: <u>MCWD</u>	COMPANY:			
ADDRESS: <u>3580 S FRANK</u>	ADDRESS: <u>SAME</u>			
<u>FRESNO CA 93725</u>				
PHONE: <u>559 485 7353</u>	PHONE:			
FAX: <u>559 485 7319</u>	FAX:			

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): <u>PHILIP LORES</u>	SIGNATURE: <u>[Signature]</u>	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 checked="" 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 checked="" type="checkbox"/> STANDARD	ANALYSIS REQUESTED <u>AMMONIA</u> <u>CHLORINE</u> <u>SURFACTANT</u> <u>OPAC</u> <u>METAL</u> <u>TA</u> <u>TPDS</u> <u>PH</u>	

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 checked="" type="checkbox"/> AMBIENT TEMP.					
					<u>1 AIR PRODUCTS</u>	<u>5/1</u>	<u>10:20</u>		

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<u>[Signature]</u>		<u>05/01/12</u>	<u>11:00</u>	<u>[Signature]</u>	

2E07004

Sample Integrity Pg 2 of 3

Date Received: 05/01/12

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) 60117 Preserve: Yes No Container: 250 mL P Preservation: 1.500 Init: A

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

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

REC-04

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			
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			

Date of Report: 05/16/2012

Julio Morales

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Project: Water Samples
BC Work Order: 1207910
Invoice ID: B122264

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 #1188; NV #CA00014



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Laboratories, Inc.

Environmental Testing Laboratory Since 1948

Chain of Custody and Cooler Receipt Form for 1207910 Page 1 of 2



MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14835

MTA Project # 2E01004

California ELAP Certification # 1371

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

12-07910

Sample Comments

Client Sample ID#: Air Products

MTA Sample ID: 2E01004-01 Matrix: Water

Sampled: 05/01/12 10:30

Report Due to Client: 05/15/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/08/12 10:30

Containers Supplied:

1L Amber Glass
Unpreserved (A)

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

<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	<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



Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207910 Page 2 of 2

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page (07)

Submission #: 12-07910

SHIPPING INFORMATION: Federal Express, UPS, Hand Delivery, BC Lab Field Service, Other. SHIPPING CONTAINER: Ice Chest, Box, None, Other.

Refrigerant: Ice, Blue Ice, None, Other. Comments:

Custody Seals: Ice Chest, Containers, None. Comments:

All samples received? All samples containers intact? Description(s) match COC?

COC Received: YES, NO. Emulsivity: 0.98. Container: 2000. Thermometer ID: 177. Date/Time: 5-11-12. Analyst Init: JNW 2140. Temperature: A 3.4 °C / C 3.5 °C.

Table with columns for SAMPLE CONTAINERS and SAMPLE NUMBERS (1-10). Rows include various analytical methods like QT GENERAL MINERAL, FT PE UNPRESERVED, etc.

Comments: Sample Numbering Completed By: [Signature] Date/Time: 5/11/12 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 16:40
Project: Water Samples
Project Number: 2E01004
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207910-01	COC Number:	---	Receive Date:	05/01/2012 21:45
	Project Number:	---	Sampling Date:	05/01/2012 10:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	2E01004-01 Air Products	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 16:40
Project: Water Samples
Project Number: 2E01004
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207910-01 Client Sample Name: 2E01004-01 Air Products, 5/1/2012 10:30:00AM, Client

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	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		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	0.088	EPA-8141	ND		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)	112	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/04/12	05/16/12 07:02	CC1	GC-7	1	BVE0809

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



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 16:40
Project: Water Samples
Project Number: 2E01004
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: BVE0809						
Azinphos methyl	BVE0809-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0809-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0809-BLK1	ND	ug/L	0.20	0.024	
Coumephos	BVE0809-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0809-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0809-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0809-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0809-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0809-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0809-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0809-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0809-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0809-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0809-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0809-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0809-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenclorphos)	BVE0809-BLK1	ND	ug/L	0.20	0.067	
Strophanos (Tetrachlorvinphos)	BVE0809-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0809-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0809-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0809-BLK1	104	%	46 - 142 (LCL - UCL)		

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twinning Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 16:40
Project: Water Samples
Project Number: 2E01004
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 Quals
								Percent Recovery	RPD	
QC Batch ID: BVE0809										
Bolstar	BVE0809-BS1	LCS	0.79600	0.80000	ug/L	99.5		57 - 124		
Chlorpyrifos	BVE0809-BS1	LCS	0.85450	0.80000	ug/L	107		66 - 123		
Diazinon	BVE0809-BS1	LCS	1.2665	0.80000	ug/L	158		70 - 122		L01
Methyl parathion	BVE0809-BS1	LCS	0.79650	0.80000	ug/L	99.6		66 - 120		
Mevinphos	BVE0809-BS1	LCS	1.2760	0.80000	ug/L	160		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0809-BS1	LCS	0.73700	0.80000	ug/L	92.1		61 - 120		
Stirophos (Tetrachlorvinphos)	BVE0809-BS1	LCS	1.4450	0.80000	ug/L	181		52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0809-BS1	LCS	2.5955	2.5000	ug/L	104		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 16:40
Project: Water Samples
Project Number: 2E01004
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	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BVE0809		Used client sample: N									
Bolstar	MS	1207076-09	ND	0.76600	0.80000	ug/L		95.8		61 - 120	
	MSD	1207076-09	ND	0.79450	0.80000	ug/L	3.7	99.3	22	61 - 120	
Chlorpyrifos	MS	1207076-09	ND	0.82350	0.80000	ug/L		103		65 - 120	
	MSD	1207076-09	ND	0.86450	0.80000	ug/L	4.9	108	22	65 - 120	
Diazinon	MS	1207076-09	ND	1.2350	0.80000	ug/L		154		70 - 122	Q03
	MSD	1207076-09	ND	1.2950	0.80000	ug/L	4.7	162	30	70 - 122	Q03
Methyl parathion	MS	1207076-09	ND	0.80550	0.80000	ug/L		101		61 - 120	
	MSD	1207076-09	ND	0.81500	0.80000	ug/L	1.2	102	25	61 - 120	
Mevinphos	MS	1207076-09	ND	1.1925	0.80000	ug/L		149		56 - 120	Q03
	MSD	1207076-09	ND	1.2550	0.80000	ug/L	5.1	157	28	56 - 120	Q03
Ronnal (Fenchlorphos)	MS	1207076-09	ND	0.70000	0.80000	ug/L		87.5		55 - 120	
	MSD	1207076-09	ND	0.74150	0.80000	ug/L	5.8	92.7	29	55 - 120	
Stirophos (Tetrachlorvinphos)	MS	1207076-09	ND	1.4055	0.80000	ug/L		176		54 - 127	Q03
	MSD	1207076-09	ND	1.4650	0.80000	ug/L	4.1	183	28	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-09	ND	2.5815	2.5000	ug/L		103		46 - 142	
	MSD	1207076-09	ND	2.6465	2.5000	ug/L	2.5	108		46 - 142	

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.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 16:40
Project: Water Samples
Project Number: 2E01004
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.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D25031

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 2D25031.

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

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

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read "Liz Rutherford", is written over a faint, illegible typed name.

Liz Rutherford
Client Services Assistant



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

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

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

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Air Products	2D25031-01	Waste Water	04/25/12 11:00	04/25/12 15:55

Analytical Report for Work Order 2D25031

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Air Products										
Sampled: 04/25/12 11:00 2D25031-01 (Waste Water)										
Ammonia as N	J	0.98	1.0	0.48	mg/L	1	T2E0908	05/09/12	05/09/12	EPA 350.1
Total Dissolved Solids		650	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		7.8	0.10	0.10	pH Units	1	T2D2606	04/26/12	04/26/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		6.0	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		8.0	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		11	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		390	5.0	0.13	µg/L	5	T2D2709	04/27/12	05/04/12	EPA 200.8
Nickel		1.5	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium	J	0.76	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		75	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.
 - 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.



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

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

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

Batch T2D2610

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

Batch T2D2704

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



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

California ELAP Certificate #1371

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

Project: Mulaga 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 T2D2704

I.C.S 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						
I.C.S (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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 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

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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:
 05/22/2012

Inorganics - Quality Control

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



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

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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
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Batch T2D2709

Blank (T2D2709-HL.K1)

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



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

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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:
 05/22/2012

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 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	
Zinc	MS3	81	5.0	"	50.0	130	NR	75-125	20
Arsenic		53	1.0	"	50.0	1.4	104	70-130	20
Copper	MS2	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	101	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



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

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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:
 05/22/2012

Metals - Dissolved - Quality Control

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



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

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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:
 05/22/2012

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 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

2025037

Sample Integrity Pg 2 of 3

Date Received: 04/25/12

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"/>		
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"/>		
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: 125mL P Preservation: HN3 Init: J

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

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

2025031

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			

BC**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: 1207631

Invoice ID: B122129

Enclosed are the results of analyses for samples received by the laboratory on 4/27/2012. 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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Page 1 of 10

2D25031



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207631 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14820

California ELAP Certification # 1371 # 1207631

MTA Project # 2D25031

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

Sample Comments

Client Sample ID#: Air Products

MTA Sample ID: 2D25031-01 Matrix: Water

Sampled: 04/25/12 11:00

Report Due to Client: 05/09/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/02/12 11:00

Containers Supplied:

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

<i>[Signature]</i>	04/26/12	<i>[Signature]</i>	4/27/12 8:15
Released By	Date	Received By	Date

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 1207631 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	08/24/08	Page 1 of 1					
Submission #: <u>1207631</u>											
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) <u>CSB</u>				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: <u>0.95</u>		Containers: <u>AMBER</u>		Thermometer ID: <u>177</u>					
		Temperature: A <u>5.9</u> °C / C <u>5.7</u> °C		Date/Time: <u>4/27/12</u>		Analyst Initials: <u>MM 8:15</u>					
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											
In. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT TOX											
PT CHEMICAL OXYGEN DEMAND											
PA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 412.1, 413.1, 418.1											
PT ODDR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL - 504											
QT EPA 504/508/509											
QT EPA 518.1/5150											
QT EPA 515											
QT EPA 515 TRAVEL BLANK											
100ml EPA 517											
100ml EPA 517.1											
PT EPA 518											
PT EPA 519											
PT EPA 611											
PT EPA 6015M											
PT AMBER <u>8141</u>		<u>A</u>									
OZ. JAR											
1 OZ. JAR											
OIL SLEEVE											
CB VIAL											
LASTIC BAG											
FERROUS IRON											
NCORE											
Remarks:											
Vial Numbering Completed By: <u>BLT</u>		Date/Time: <u>4-27-12 @ 1020</u>									
: Actual / C - Corrected											

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.

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25031
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207631-01	COC Number:	---	Receive Date:	04/27/2012 08:15
	Project Number:	---	Sampling Date:	04/25/2012 11:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Air Products 2D25031-01	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25031
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207831-01	Client Sample Name: Air Products 2D25031-01, 4/25/2012 11:00:00AM
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Azinphos methyl	ND	ug/L	0.20	0.055	EPA-8141	ND	V11	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
Elhoprop	ND	ug/L	0.20	0.025	EPA-8141	ND		1
Fensulfothion	ND	ug/L	0.20	0.088	EPA-8141	ND		1
Fenthion	ND	ug/L	0.20	0.033	EPA-8141	ND		1
Merphos	ND	ug/L	0.20	0.058	EPA-8141	ND	V11	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 (Fenclorphos)	ND	ug/L	0.20	0.067	EPA-8141	ND		1
Stirophos (Tetrachlorvinphos)	ND	ug/L	0.20	0.046	EPA-8141	ND	V11	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	V11	1
Triphenylphosphate (Surrogate)	101	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/01/12	05/14/12 14:53	CC1	GC-7	1	BVE0780

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25031
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Terphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 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 8:13
Project: Water Samples
Project Number: 2D25031
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	
								Percent Recovery	Lab RPD
QC Batch ID: BVE0780									
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6		57 - 124	
Chlorpyrifos	BVE0780-BS1	LCS	0.67250	0.80000	ug/L	84.1		66 - 123	
Diazinon	BVE0780-BS1	LCS	1.1545	0.80000	ug/L	144		70 - 122	L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6		66 - 120	
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127		60 - 120	L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4		61 - 120	
Stirophos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149		52 - 131	L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1		46 - 142	

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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 8:13
Project: Water Samples
Project Number: 2D25031
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	Percent Recovery	Control Limits		Lab
									RPD	Percent Recovery	
QC Batch ID: BVE0780		Used client sample: N									
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120	
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120	
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120	
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120	
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122	Q03
	MSD	1207076-16	ND	1.2465	0.80000	ug/L	2.1	156	30	70 - 122	Q03
Methyl parathion	MS	1207076-16	ND	0.72800	0.80000	ug/L		90.8		61 - 120	
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.8	25	61 - 120	
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		58 - 120	Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	58 - 120	Q03
Ronnal (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120	
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120	
Droprhos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127	Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142	
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		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 8:13
Project: Water Samples
Project Number: 2D25031
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.
- 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.



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D24029

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 04/24/12. For your reference, these analyses have been assigned laboratory work order number 2D24029.

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 "Liz Rutherford".

Liz Rutherford
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 Lopez

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3390 S. Peach	2D24029-01	Waste Water	04/24/12 14:00	04/24/12 16:20

Analytical Report for Work Order 2D24029

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3390 S. Peach										
Sampled: 04/24/12 14:00 2D24029-01 (Waste Water)										
Ammonia as N		3.1	1.0	0.48	mg/L	1	T2E0805	05/08/12	05/08/12	EPA 350.1
Total Dissolved Solids		360	10	8.1	mg/L	1	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		8.3	0.10	0.10	pH Units	1	T2D2507	04/25/12	04/25/12	SM4500-H B
Methylene Blue Active Substances		0.070	0.050	0.031	mg/L	1	T2D2611	04/26/12	04/26/12	SM5540C
Arsenic		5.4	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		6.5	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		13	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		320	5.0	0.13	µg/L	5	T2D2709	04/27/12	05/04/12	EPA 200.8
Nickel	J	0.96	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium		4.3	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		25	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury	J	0.10	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.

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.



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

California EIAP 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

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)										
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2D2416-DUP1)										
Chlorine Residual (In Lab Analysis)	Source: 2D24027-01	ND	0.10	mg/L		ND				20

Batch T2D2507

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

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 Juliane Adams, Director of Analytical Chemistry

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Malaga County Water District
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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopez

Report#: 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 T2D2611

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

Batch T2D2711

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



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Project: Malaga 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
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

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)						Prepared: 04/27/12 Analyzed: 04/28/12				
Total Dissolved Solids	DUPI	176	10	mg/L		140			22.7	20
Duplicate (T2D2711-DUP2)						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)						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)						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)						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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Project: Malaga 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 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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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 Lopez	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 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-BS1)		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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 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
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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-BS1)

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 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
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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

Sample Integrity Pg 2 of 3 2D24029
 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 COG 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"/>		
Were bottle custody seals present?	<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 COG?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" 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

2DL4029

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	9C		
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			



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Date of Report: 05/15/2012

Julio Morales

Moore-Twining Laboratories

2527 Fresno Street

Fresno, CA 93716

Project: Water Samples

BC Work Order: 1207559

Invoice ID: B122091

Enclosed are the results of analyses for samples received by the laboratory on 4/26/2012. 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.
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4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

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2024029

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207559 Page 1 of 2



MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14818

California ELAP Certification # 1371

1207559

MTA Project # 2D24029

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

-1

Sample Comments

Client Sample ID#: PPG 3390 S. Peach

MTA Sample ID: 2D24029-01 Matrix: Water

Sampled: 04/24/12 14:00

Report Due to Client: 05/08/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/01/12 14:00

Containers Supplied:

CHK BY	DISTRIBUTION
	5/1
	SUB-OUT <input type="checkbox"/>

Released By

04/25/12 Date

Received By

4/26/12 8:35 Date

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

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BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207559 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/00	Page 1	Of 1				
Submission#: 1207559											
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) ASO				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: 0.95		Container: AMBER		Thermometer ID: 177					
Temperature: A 12.2 °C / C 12.0 °C		Date/Time: 4/26/12		Analyst Init: MGM 8:35							
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 FOAMS											
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, 413.2, 418.1											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL - 504											
QT EPA 508/608/8080											
QT EPA 516/8158 8141											
QT EPA 515											
QT EPA 515 TRAVEL BLANK											
100ml EPA 517											
100ml EPA 531.1											
QT EPA 518											
QT EPA 519											
QT EPA 611											
QT EPA 8015M											
QT AMBER											
8 OZ. JAR											
12 OZ. JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
FERROUS IRON											
ENCORE											
Comments:											
Sample Numbering Completed By: BLT		Date/Time: 4-26-12 @ 1420									
A = Actual / C = Corrected		[H:\DCS\IWP80\LAB_DOC\SFOR\#51SAMREC2.WPD]									



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/15/2012 15:10
Project: Water Samples
Project Number: 2D24029
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207559-01	COC Number:	---	Receive Date:	04/26/2012 08:35
	Project Number:	---	Sampling Date:	04/24/2012 14:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	PPG 3390 S. Peach 2D24029-01	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/15/2012 15:10
Project: Water Samples
Project Number: 2D24029
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID:	1207559-01	Client Sample Name:	PPG 3390 S. Peach 2D24029-01, 4/24/2012 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	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		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	0.088	EPA-8141	ND		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 (Fenclorphos)	ND	ug/L	0.20	0.067	EPA-8141	ND		1
Strophanos (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)	107	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	04/27/12	05/10/12 18:20	CC1	GC-7	1	BVE0785



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/15/2012 15:10
Project: Water Samples
Project Number: 2D24029
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: BVE0785						
Azinphos methyl	BVE0785-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0785-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0785-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0785-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0785-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0785-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0785-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0785-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0785-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0785-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0785-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0785-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0785-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0785-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0785-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0785-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0785-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0785-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0785-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0785-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0785-BLK1	114	%	46 - 142 (LCL - UCL)		

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/15/2012 15:10
Project: Water Samples
Project Number: 2D24029
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 Quals
								Percent Recovery	RPD	
QC Batch ID: BVE0785										
Bolstar	BVE0785-BS1	LCS	0.87850	0.80000	ug/L	110		57 - 124		
Chlorpyrifos	BVE0785-BS1	LCS	0.93200	0.80000	ug/L	116		66 - 123		
Diazinon	BVE0785-BS1	LCS	1.4160	0.80000	ug/L	177		70 - 122		L01
Methyl parathion	BVE0785-BS1	LCS	0.95050	0.80000	ug/L	120		66 - 120		
Mevinphos	BVE0785-BS1	LCS	1.3820	0.80000	ug/L	173		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0785-BS1	LCS	0.81900	0.80000	ug/L	102		61 - 120		
Stirophos (Tetrachlorvinphos)	BVE0785-BS1	LCS	1.5380	0.80000	ug/L	192		52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0785-BS1	LCS	3.0480	2.5000	ug/L	122		46 - 142		



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/15/2012 15:10
Project: Water Samples
Project Number: 2D24029
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	Percent Recovery	Control Limits		Lab
									RPD	Percent Recovery	
QC Batch ID: BVE0785		Used client sample: N									
Bolstar	MS	1207076-23	ND	0.84200	0.80000	ug/L		105		61 - 120	
	MSD	1207076-23	ND	0.84200	0.80000	ug/L	0	105	22	61 - 120	
Chlorpyrifos	MS	1207076-23	ND	0.89450	0.80000	ug/L		112		65 - 120	
	MSD	1207076-23	ND	0.89450	0.80000	ug/L	0	112	22	65 - 120	
Diazinon	MS	1207076-23	ND	1.3490	0.80000	ug/L		169		70 - 122	Q03
	MSD	1207076-23	ND	1.3490	0.80000	ug/L	0	169	30	70 - 122	Q03
Methyl parathion	MS	1207076-23	ND	0.95900	0.80000	ug/L		120		61 - 120	
	MSD	1207076-23	ND	0.95900	0.80000	ug/L	0	120	25	61 - 120	
Mevinphos	MS	1207076-23	ND	1.3900	0.80000	ug/L		174		56 - 120	Q03
	MSD	1207076-23	ND	1.3900	0.80000	ug/L	0	174	28	56 - 120	Q03
Ronnel (Fenchlorphos)	MS	1207076-23	ND	0.80900	0.80000	ug/L		101		55 - 120	
	MSD	1207076-23	ND	0.80900	0.80000	ug/L	0	101	29	55 - 120	
tirophos (Tetrachlorvinphos)	MS	1207076-23	ND	1.5710	0.80000	ug/L		196		54 - 127	Q03
	MSD	1207076-23	ND	1.5710	0.80000	ug/L	0	196	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-23	ND	2.8995	2.5000	ug/L		116		46 - 142	
	MSD	1207076-23	ND	2.8995	2.5000	ug/L	0	116		46 - 142	

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Laboratories, Inc.

Environmental Testing Laboratory Since 1948



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/15/2012 15:10
Project: Water Samples
Project Number: 2D24029
Project Manager: Jullo 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.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.

PPG



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D26048

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 2D26048.

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".

Liz Rutherford
Client Services Assistant

00000000



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

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3390 S. Peach	2D26048-01	Waste Water	04/26/12 00:00	04/26/12 16:15

Analytical Report for Work Order 2D26048

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3390 S. Peach										
Sampled: 04/26/12 00:00								2D26048-01 (Waste Water)		
Ammonia as N		1.2	1.0	0.48	mg/L	1	T2E1002	05/10/12	05/10/12	EPA 350.1
Total Dissolved Solids		270	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		8.2	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		4.9	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		7.0	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	0.034	0.50	0.029	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Molybdenum		280	5.0	0.13	µg/L	5	T2E0103	05/01/12	05/04/12	EPA 200.8
Nickel		1.0	1.0	0.039	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Selenium		3.6	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Zinc		32	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

- 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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 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 Lopez

Reported:
 05/22/2012

Inorganics - Quality Control

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

Batch T2D2619

Blank (T2D2619-BLK1) Prepared & Analyzed: 04/26/12
 Chlorine Residual (In Lab Analysis) ND 0.10 mg/l.

Duplicate (T2D2619-DUPI) 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

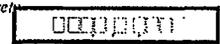
LCS (T2D2703-BS3) Prepared & Analyzed: 04/27/12
 pH 7.00 0.10 pH Units 7.00 100 80-120 20

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





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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:
 05/22/2012

Inorganics - Quality Control

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

Batch T2D2703

I.C.S 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 T2D2704

Blank (T2D2704-BLK1)					Prepared & Analyzed: 04/27/12					
Methylene Blue Active Substances		ND	0.050	mg/L						

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: 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
---------	-------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch T2E0112

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

Batch T2E1002

Blank (T2E1002-BLK1) Prepared & Analyzed: 05/10/12
 Ammonia as N ND 1.0 mg/L

I.C.S (T2E1002-BS1) Prepared & Analyzed: 05/10/12
 Ammonia as N 21.3 1.0 mg/L 22.5 94.6 80-120 20

I.C.S Dup (T2E1002-BSD1) Prepared & Analyzed: 05/10/12
 Ammonia as N 21.5 1.0 mg/L 22.5 95.4 80-120 0.842 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 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 T2E0103

Blank (T2E0103-BLK1)

Prepared & Analyzed: 05/01/12

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

LCS (T2E0103-BS1)

Prepared & Analyzed: 05/01/12

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

LCS Dup (T2E0103-BSD1)

Prepared & Analyzed: 05/01/12

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





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

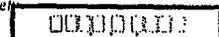
Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	-------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch T2E0103

Matrix Spike (T2E0103-MS1)	Source: 2D26051-01			Prepared & Analyzed: 05/01/12						
Nickel	47	1.0	µg/L	50.0	0.23	94.0	75-125		20	
Chromium	49	1.0	"	50.0	0.38	96.6	70-130		20	
Copper	48	2.0	"	50.0	1.7	92.2	70-130		20	
Cadmium	49	0.20	"	50.0	ND	97.8	70-130		20	
Molybdenum	55	1.0	"	50.0	3.5	104	70-130		20	
Lead	46	0.50	"	50.0	ND	91.9	70-130		20	
Zinc	48	5.0	"	50.0	ND	96.4	75-125		20	
Selenium	44	1.0	"	50.0	ND	87.8	70-130		20	
Arsenic	55	1.0	"	50.0	6.9	95.7	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	
Cadmium	49	0.20	"	50.0	ND	98.9	70-130		20	
Chromium	51	1.0	"	50.0	0.38	102	70-130		20	
Selenium	47	1.0	"	50.0	ND	93.8	70-130		20	
Molybdenum	54	1.0	"	50.0	2.2	104	70-130		20	
Nickel	49	1.0	"	50.0	0.54	97.4	75-125		20	
Copper	50	2.0	"	50.0	2.3	95.4	70-130		20	
Lead	46	0.50	"	50.0	0.19	92.3	70-130		20	
Arsenic	52	1.0	"	50.0	3.3	98.3	70-130		20	

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





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)		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

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

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CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2024048
PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

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

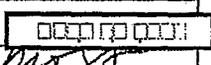
CONTACT: <u>CHRIS LOPES</u>	CONTACT: <u>L. CORTER</u>	<input type="checkbox"/> STANDARD PRINTED REPORT
COMPANY: <u>M.C.W.D.</u>	COMPANY:	<input type="checkbox"/> WRITE-ON (STATE FORM)
ADDRESS: <u>3580 S FRANK</u>	ADDRESS: <u>SAME</u>	<input type="checkbox"/> GEOTRACKER/COELT (LUFT)
<u>FRESNO CA 93725</u>		<input type="checkbox"/> PDF <input type="checkbox"/> SPREADSHEET
PHONE: <u>559 485 7350</u>	PHONE:	<input type="checkbox"/> County DHS:
FAX: <u>559 485 7319</u>	FAX:	<input type="checkbox"/> Environmental Health Agency: <u>M.C.W.D.</u>
		<input checked="" type="checkbox"/> OTHER:

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

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED							LAB USE	
	CLIENT SAMPLE ID	DATE	TIME	TYPE	AMMONIA	CHLORINE	SURFACTANT	OP	METALS	T.A.	T.D.S.		P.H.
	<u>PP9</u>	<u>4/26</u>											
	<u>3390SPEACT</u>												

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		<u>04/26/14</u>	<u>1615</u>	<u>[Signature]</u>	<u>M.C.W.D.</u>



2026 048

Sample Integrity Pg 2 of 3

Date Received: 04/26/12

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserved: Yes No Container: 125mL Preservation: ITM Init: JF

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

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

2026048

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			

REVISION



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Date of Report: 05/22/2012

Julio Morales

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Project: Water Samples
BC Work Order: 1207702
Invoice ID: B122550

Enclosed are the results of analyses for samples received by the laboratory on 4/30/2012. 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



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MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14824

California ELAP Certification # 1371

MTA Project # 2D26048

**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

12-07702

Sample Comments

Client Sample ID#: PPG 3390 S Peach

MTA Sample ID: 2D26048-01 Matrix: Water Sampled: 04/26/12 14:00 Report Due to Client: 05/10/12

Requested Analysis: 8141A (Sub) Holding time expires: 05/03/12 14:00

Containers Supplied:
11. Amber Glass
Unpreserved (A)

1

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<i>[Signature]</i>
	SUB-OUT <input type="checkbox"/>

Released By: *[Signature]* Date: 04/27/12 Received By: *Maria Mayda* Date: 4/30/12 8:50

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 1207702 Page 2 of 2

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/09 Page 1 of 1

Submission #: 12-07702

SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) <u>CEO</u>		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____	
--	--	--	--

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

GOC Received YES NO
 Emissivity: 0.95 Container: Amber Thermometer ID: 177 Date/Time: 4/30/12
 Temperature: A 15.2 °C / C 15.0 °C 4/30/12 Analyst Init: NAM 8:50

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
1 GENERAL MINERAL/ GENERAL PHYSICAL										
1 PE UNPRESERVED										
1 INORGANIC CHEMICAL METALS										
1 INORGANIC CHEMICAL METALS										
1 CYANIDE										
1 NITROGEN FORMS										
1 TOTAL SULFIDE										
1 NITRATE/ NITRITE										
1 TOTAL ORGANIC CARBON										
1 TOX										
1 CHEMICAL OXYGEN DEMAND										
1A PHENOLICS										
1ml VOA VIAL TRAVEL BLANK										
1ml VOA VIAL										
1 EPA 113.1, 113.2, 113.1										
1 ODOR										
1 BIOLOGICAL										
1 ACTINOLOGICAL										
1ml VOA VIAL- 504										
1 EPA 501/502/503/504										
1 EPA 515.1/515.2										
1 EPA 515										
1 EPA 515 TRAVEL BLANK										
1ml EPA 517										
1ml EPA 531.1										
1 EPA 518										
1 EPA 519										
1 EPA 601										
1 EPA 8015M										
1 AMBER										
1Z JAR										
1Z JAR										
1L SLEEVE										
1B VIAL										
1ASTIC BAG										
1TROUS LION										
1CORR										

Comments: _____
 Sample Numbering Completed By: CAAM Date/Time: 4/30/12 0945
 Actual / C = Corrected (H:\DOCS\SW\FORMS\LAB_DOC\SIFORMS\SAMREC2.WPD)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26048
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207702-01	COC Number:	---	Receive Date:	04/30/2012 08:50
	Project Number:	---	Sampling Date:	04/26/2012 14:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	PPG 3390 S Peach 2D26048-01	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water

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Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26048
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207702-01 Client Sample Name: PPG 3390 S Peach 2D26048-01, 4/26/2012 2:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	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		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	0.088	EPA-8141	ND		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
Sitrofos (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)	93.2	%	50 - 140 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/01/12	05/17/12 09:29	CC1	GC-7	1	BVE0780



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26048
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.064	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenclorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 142 (LCL - UCL)		

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26048
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	Control Limits		Lab
							RPD	Percent Recovery	
QC Batch ID: BVE0780									
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6		57 - 124	
Chlorpyrifos	BVE0780-BS1	LCS	0.67250	0.80000	ug/L	84.1		66 - 123	
Diazinon	BVE0780-BS1	LCS	1.1545	0.80000	ug/L	144		70 - 122	L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6		66 - 120	
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127		60 - 120	L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4		61 - 120	
Stirophos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149		52 - 131	L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1		46 - 142	

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2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26048
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			
								Percent Recovery	RPD	Percent Recovery	Lab
QC Batch ID: BVE0780		Used client sample: N									
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120	
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120	
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120	
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120	
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122	Q03
	MSD	1207076-16	ND	1.2465	0.80000	ug/L	2.1	156	30	70 - 122	Q03
Methyl parathion	MS	1207076-16	ND	0.72600	0.80000	ug/L		90.8		61 - 120	
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.9	25	61 - 120	
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		56 - 120	Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	56 - 120	Q03
Ronnol (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120	
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120	
Diflufenphos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127	Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142	
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		46 - 142	

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Environmental Testing Laboratory Since 1949

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26048
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.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D27055

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 2D27055.

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".

Liz Rutherford
Client Services Assistant



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

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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

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3390 S Peach	2D27055-01	Waste Water	04/27/12 11:30	04/27/12 15:15

Analytical Report for Work Order 2D27055

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3390 S Peach										
Sampled: 04/27/12 11:30 2D27055-01 (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		380	20	16	mg/L	2	T2E0311	05/03/12	05/05/12	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		8.2	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D3009	04/28/12	04/28/12	SM5540C
Arsenic		4.8	1.0	0.15	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Cadmium		ND	0.20	0.079	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Chromium		7.9	1.0	0.17	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Copper		10	2.0	0.094	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Molybdenum		300	10	0.25	µg/L	10	T2E0815	05/08/12	05/09/12	EPA 200.8
Nickel		1.1	1.0	0.039	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Selenium		2.8	1.0	0.17	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Zinc		38	5.0	3.0	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Mercury	J	0.17	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 bins of one of the two spikes.
 - MS4 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration.
 - 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.



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 Fresno, CA 93721
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 (559) 268-0740 Fax

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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
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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 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

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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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 T2E0311

Blank (T2E0311-BLK1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		ND	10	mg/L						
LCS (T2E0311-BS1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		252	10	mg/L	240		105	80-120		20
LCS Dup (T2E0311-BSD1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		248	10	mg/L	240		103	80-120	1.40	20
Duplicate (T2E0311-DUP1)		Source: 2D20002-02 Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		10.5	10	mg/L		10.5			0.00	20
Duplicate (T2E0311-DUP2)		Source: 2D24016-01 Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		204	10	mg/L		209			2.67	20

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

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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 T2E0711

Blank (T2E0711-BLK1)		Prepared: 05/07/12 Analyzed: 05/08/12								
Mercury		ND	0.20	µg/L						
I.C.S (T2E0711-BS1)		Prepared: 05/07/12 Analyzed: 05/08/12								
Mercury		4.80	0.20	µg/L	5.00		96.0	80-115		20
I.C.S 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
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

Batch T2E0815

Blank (T2E0815-BLK1)		Prepared: 05/08/12 Analyzed: 05/09/12								
Zinc		ND	5.0	µg/L						
Nickel		ND	1.0	"						
Lead		ND	0.50	"						
Arsenic		ND	1.0	"						
Molybdenum	J	0.0282	1.0	"						
Chromium	J	0.720	1.0	"						
Copper	J	0.139	2.0	"						
Cadmium		ND	0.20	"						
Selenium		ND	1.0	"						



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

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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 T2E0815

LCS (T2E0815-BS1)

Prepared: 05/08/12 Analyzed: 05/09/12

Lead		49	0.50	µg/L	50.0		98.5	85-115		20
Copper		51.9	2.0	"	50.0		104	85-115		20
Arsenic		50.8	1.0	"	50.0		102	85-115		20
Molybdenum		50.1	1.0	"	50.0		100	85-115		20
Zinc		53.6	5.0	"	50.0		107	85-115		20
Cadmium		49.9	0.20	"	50.0		99.8	85-115		20
Chromium		51.7	1.0	"	50.0		103	85-115		20
Selenium		51.6	1.0	"	50.0		103	85-115		20
Nickel		51.5	1.0	"	50.0		103	85-115		20

LCS Dup (T2E0815-BS1)

Prepared: 05/08/12 Analyzed: 05/09/12

Selenium		50.9	1.0	µg/L	50.0		102	85-115	1.30	20
Nickel		51.2	1.0	"	50.0		102	85-115	0.488	20
Arsenic		50.6	1.0	"	50.0		101	85-115	0.345	20
Lead		49	0.50	"	50.0		98.3	85-115	0.218	20
Zinc		53.0	5.0	"	50.0		106	85-115	1.09	20
Chromium		51.1	1.0	"	50.0		102	85-115	1.15	20
Copper		51.5	2.0	"	50.0		103	85-115	0.787	20
Cadmium		50.2	0.20	"	50.0		100	85-115	0.474	20
Molybdenum		49.5	1.0	"	50.0		99.0	85-115	1.19	20

Matrix Spike (T2E0815-MS1)

Source: 2D25027-02

Prepared: 05/08/12 Analyzed: 05/09/12

Cadmium		50	0.20	µg/L	50.0	ND	99.9	70-130		20
Molybdenum		97	1.0	"	50.0	54	87.6	70-130		20
Arsenic		81	1.0	"	50.0	36	90.2	70-130		20
Selenium		49	1.0	"	50.0	0.30	97.5	70-130		20
Nickel		50	1.0	"	50.0	0.30	100	75-125		20
Copper		52	2.0	"	50.0	2.2	99.4	70-130		20
Lead		51	0.50	"	50.0	4.8	93.4	70-130		20
Chromium		51	1.0	"	50.0	0.47	102	70-130		20
Zinc	MS4	1200	5.0	"	50.0	1300	NR	75-125		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.



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:
 05/22/2012

Metals - Dissolved - Quality Control

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

Batch T2E0815

Matrix Spike (T2E0815-MS2)	Source: 2D30049-01	Prepared: 05/08/12	Analyzed: 05/09/12					
Copper	61	2.0	µg/L	50.0	15	92.9	70-130	20
Selenium	49	1.0	"	50.0	1.2	95.9	70-130	20
Cadmium	48	0.20	"	50.0	ND	96.7	70-130	20
Nickel	51	1.0	"	50.0	1.8	98.2	75-125	20
Lead	46	0.50	"	50.0	ND	91.2	70-130	20
Zinc	130	5.0	"	50.0	84	85.8	75-125	20
Molybdenum	490	10	"	50.0	430	106	70-130	20
Chromium	62	1.0	"	50.0	9.5	105	70-130	20
Arsenic	56	1.0	"	50.0	6.3	99.2	70-130	20

Matrix Spike Dup (T2E0815-MSD1)	Source: 2D25027-02	Prepared: 05/08/12	Analyzed: 05/09/12						
Nickel	51	1.0	µg/L	50.0	0.30	101	75-125	0.592	20
Zinc	MS4 1200	5.0	"	50.0	1300	NR	75-125	0.821	20
Selenium	48	1.0	"	50.0	0.30	95.7	70-130	1.91	20
Molybdenum	98	1.0	"	50.0	54	89.9	70-130	1.21	20
Lead	52	0.50	"	50.0	4.8	93.9	70-130	0.489	20
Chromium	51	1.0	"	50.0	0.47	102	70-130	0.205	20
Cadmium	50	0.20	"	50.0	ND	99.6	70-130	0.245	20
Copper	52	2.0	"	50.0	2.2	98.9	70-130	0.429	20
Arsenic	81	1.0	"	50.0	36	89.5	70-130	0.402	20

Matrix Spike Dup (T2E0815-MSD2)	Source: 2D30049-01	Prepared: 05/08/12	Analyzed: 05/09/12						
Cadmium	48	0.20	µg/L	50.0	ND	95.6	70-130	1.14	20
Molybdenum	490	10	"	50.0	430	118	70-130	1.24	20
Selenium	49	1.0	"	50.0	1.2	95.0	70-130	0.919	20
Lead	46	0.50	"	50.0	ND	91.3	70-130	0.0505	20
Copper	62	2.0	"	50.0	15	93.6	70-130	0.556	20
Zinc	130	5.0	"	50.0	84	85.4	75-125	0.143	20
Arsenic	56	1.0	"	50.0	6.3	98.9	70-130	0.271	20
Nickel	51	1.0	"	50.0	1.8	98.2	75-125	0.0689	20
Chromium	62	1.0	"	50.0	9.5	106	70-130	1.07	20

2027055

Sample Integrity

Pg

2 of 3

Date Received: 04/27/12

Section 1-Sampled Same Day			
Sample Transport:	<u>Walk In</u>	MTA Courler	Transported In:
Has Chilling Begun?	<u>Y</u>	<u>N</u>	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	<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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<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: _____

2027055

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: 1207920
Invoice ID: B122192

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 (881) 327-1918 www.bclabs.com

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2027055



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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207920 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 44836

California ELAP Certification # 1371

MTA Project # **2D27055**

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

12-07920

Sample Comments

Client Sample ID#: **PPG 339 S Peach**

MTA Sample ID: 2D27055-01 Matrix: Water

Sampled: 04/27/12 11:30

Report Due to Client: 05/11/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/04/12 11:30

Containers Supplied:

1E Amber Glass
Unpreserved (A)

CHK BY	DISTRIBUTION
<u>BLJ</u>	<u>SV</u>
	SUB-OUT <input type="checkbox"/>

[Signature] 5/11

Released By _____ Date _____

[Signature] 5-1-12 15:35

Received By _____ Date _____

[Signature] 5-1-12 21:45 [Signature] 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

Chain of Custody and Cooler Receipt Form for 1207920 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page	1	Of	1		
Submission #: <u>12-07920</u>											
SHIPPING INFORMATION					SHIPPING CONTAINER						
Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/>					Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____					Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Containers <input type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> None <input checked="" 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 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u>		Container: <u>QA</u>		Thermometer ID: <u>177</u>		Date/Time: <u>5-1-12</u>			
		Temperature: A <u>1.4</u> °C / C <u>1.2</u> °C				Analyst Init: <u>JNW</u>		<u>2140</u>			
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 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											
8 OZ. JAR											
32 OZ. JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
FERROUS IRON											
ENCORE											
Comments: _____											
Sample Numbering Completed By: <u>CAW</u> Date/Time: <u>5/2/12</u> <u>0745</u>											
A = Actual / C = Corrected											



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories 2527 Fresno Street Fresno, CA 93716	Reported: 05/16/2012 12:37 Project: Water Samples Project Number: 2D27055 Project Manager: Julio Morales
--	---

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1207920-01	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: 2D27055-01 PPG 339 S. Peach Sampled By: Client	Receive Date: 05/01/2012 21:45 Sampling Date: 04/27/2012 11:30 Sample Depth: --- Lab Matrix: Water Sample Type: Water

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:37
Project: Water Samples
Project Number: 2D27055
Project Manager: Jullo Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207920-01 Client Sample Name: 2D27055-01 PPG 339 S. Peach, 4/27/2012 11:30:00AM, Client

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Azinphos methyl	ND	ug/L	0.23	0.062	EPA-8141	ND		1
Bolstar	ND	ug/L	0.23	0.062	EPA-8141	ND		1
Chlorpyrifos	ND	ug/L	0.23	0.027	EPA-8141	ND		1
Coumaphos	ND	ug/L	0.23	0.061	EPA-8141	ND		1
Demeton O/S	ND	ug/L	0.23	0.030	EPA-8141	ND	V11	1
Diazinon	ND	ug/L	0.23	0.050	EPA-8141	ND		1
Dichlorvos	ND	ug/L	0.23	0.080	EPA-8141	ND		1
Disulfoton	ND	ug/L	0.57	0.044	EPA-8141	ND		1
Ethoprop	ND	ug/L	0.23	0.028	EPA-8141	ND		1
Fensulfothion	ND	ug/L	0.23	0.10	EPA-8141	ND	V11	1
Fenthion	ND	ug/L	0.23	0.038	EPA-8141	ND		1
Merphos	ND	ug/L	0.23	0.066	EPA-8141	ND	V11	1
Methyl parathion	ND	ug/L	0.23	0.084	EPA-8141	ND		1
Mevinphos	ND	ug/L	0.23	0.060	EPA-8141	ND	V11	1
Naled	ND	ug/L	0.23	0.082	EPA-8141	ND		1
Phorate	ND	ug/L	0.23	0.047	EPA-8141	ND		1
Ronnel (Fenchlorphos)	ND	ug/L	0.23	0.076	EPA-8141	ND		1
Stirophos (Tetrachlorvinphos)	ND	ug/L	0.23	0.052	EPA-8141	ND	V11	1
Tokuthion (Prothiofos)	ND	ug/L	0.23	0.036	EPA-8141	ND		1
Trichloronate	ND	ug/L	0.23	0.043	EPA-8141	ND		1
Triphenylphosphate (Surrogate)	102	%	46 - 142 (LCL - UCL)		EPA-8141		V11	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/02/12	05/11/12 11:48	CC1	GC-7	1.136	BVE0789

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Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:37
Project: Water Samples
Project Number: 2D27055
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 (Fenclorphos)	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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Moore-Twining Laboratories 2527 Fresno Street Fresno, CA 93716	Reported: 05/16/2012 12:37 Project: Water Samples Project Number: 2D27055 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 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	1.0860	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		



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:37
Project: Water Samples
Project Number: 2D27055
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 Quais	
								Percent Recovery	Percent Recovery		
QC Batch ID: BVE0789		Used client sample: N									
Bolster	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	
Diflurophos (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	

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.



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:37
Project: Water Samples
Project Number: 2D27055
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.



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

May 22, 2012

Work Order #: 2D30042

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 04/30/12. For your reference, these analyses have been assigned laboratory work order number 2D30042.

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 "Liz Rutherford".

Liz Rutherford
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: Tony Morales

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3390 S Peach	2D30042-01	Waste Water	04/30/12 10:30	04/30/12 15:05

Analytical Report for Work Order 2D30042

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3390 S Peach										
Sampled: 04/30/12 10:30 2D30042-01 (Waste Water)										
Ammonia as N		ND	1.0	0.48	mg/L	1	T2E1415	05/13/12	05/14/12	EPA 350.1
Total Dissolved Solids		360	20	16	mg/L	2	T2E0311	05/03/12	05/05/12	SM 2540C
Chlorine Residual (In Lab Analysis)		ND	0.10	0.10	mg/L	1	T2E0121	04/30/12	04/30/12	SM4500-Cl F
pH		8.7	0.10	0.10	pH Units	1	T2E0106	05/01/12	05/01/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2E0206	05/02/12	05/02/12	SM5540C
Arsenic		5.6	1.0	0.15	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Cadmium		ND	0.20	0.079	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Chromium		7.6	1.0	0.17	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Copper		10	2.0	0.094	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Molybdenum		240	10	0.25	µg/L	10	T2E0815	05/08/12	05/09/12	EPA 200.8
Nickel	J	0.79	1.0	0.039	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Selenium		4.4	1.0	0.17	µg/L	1	T2E0815	05/08/12	05/09/12	EPA 200.8
Zinc		16	5.0	3.0	µg/L	1	T2E0815	05/08/12	05/09/12	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.
 - MS4 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration.
 - MS3 Recovery for this analyte was biased low; 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.
 - 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

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
 (559) 268-0740 Fnx

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Malaga County Water District	Project: Malaga Sewer Plant	
3580 S. Frank	Project Number: Analytical Services	Reported:
Fresno CA, 93725	Project Manager: Tony Morales	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 T2E0106

LCS (T2E0106-BS1)		Prepared & Analyzed: 05/01/12								
pH		7.00	0.10	pH Units	7.00		100	80-120		20
LCS Dup (T2E0106-BSD1)		Prepared & Analyzed: 05/01/12								
pH		7.01	0.10	pH Units	7.00		100	80-120	0.143	20
Duplicate (T2E0106-DUP1)		Source: 2D30028-01 Prepared & Analyzed: 05/01/12								
pH		7.55	0.10	pH Units		7.54			0.133	20
Duplicate (T2E0106-DUP2)		Source: 2D30051-01 Prepared & Analyzed: 05/01/12								
pH		6.81	0.10	pH Units		6.81			0.00	20

Batch T2E0121

Blank (T2E0121-BLK1)		Prepared & Analyzed: 04/30/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Blank (T2E0121-BLK2)		Prepared & Analyzed: 04/30/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Duplicate (T2E0121-DUP1)		Source: 2D30042-01 Prepared & Analyzed: 04/30/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20
Duplicate (T2E0121-DUP2)		Source: 2D30059-03 Prepared & Analyzed: 04/30/12								
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20

Batch T2E0206

Blank (T2E0206-BLK1)		Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		ND	0.050	mg/L						



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California ELAP Certificate #1371

Malaga County Water District
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 Fresno CA, 93725

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

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 T2E0206

I.C.S (T2E0206-BS1)		Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		0.920	0.050	mg/L	1.00		92.0	80-120		20
I.C.S Dup (T2E0206-BSD1)		Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		0.930	0.050	mg/L	1.00		93.0	80-120	1.08	20
Matrix Spike (T2E0206-MS1)		Source: 2D30042-01 Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		0.975	0.050	mg/L	1.00	ND	97.5	80-120		20
Matrix Spike (T2E0206-MS2)		Source: 2E01004-01 Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		1.03	0.050	mg/L	1.00	ND	103	80-120		20
Matrix Spike Dup (T2E0206-MSD1)		Source: 2D30042-01 Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		0.950	0.050	mg/L	1.00	ND	95.0	80-120	2.60	20
Matrix Spike Dup (T2E0206-MSD2)		Source: 2E01004-01 Prepared & Analyzed: 05/02/12								
Methylene Blue Active Substances		0.980	0.050	mg/L	1.00	ND	98.0	80-120	4.98	20

Batch T2E0311

Blank (T2E0311-BLK1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		ND	10	mg/L						
I.C.S (T2E0311-BS1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		252	10	mg/L	240		105	80-120		20
I.C.S Dup (T2E0311-BSD1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		248	10	mg/L	240		103	80-120	1.40	20



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

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 T2E0311

Duplicate (T2E0311-DUP1) Source: 2D20002-02 Prepared: 05/03/12 Analyzed: 05/05/12
 Total Dissolved Solids 10.5 10 mg/L 10.5 0.00 20

Duplicate (T2E0311-DUP2) Source: 2D24016-01 Prepared: 05/03/12 Analyzed: 05/05/12
 Total Dissolved Solids 204 10 mg/L 209 2.67 20

Batch T2E1415

Blank (T2E1415-BLK1) Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N ND 1.0 mg/L

LCS (T2E1415-BS1) Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N 19.3 1.0 mg/L 22.5 85.9 80-120 20

LCS Dup (T2E1415-BSD1) Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N 19.1 1.0 mg/L 22.5 85.1 80-120 1.01 20

Matrix Spike (T2E1415-MS1) Source: 2D30049-01 Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N 20.8 1.0 mg/L 22.5 ND 92.3 80-120 20

Matrix Spike (T2E1415-MS2) Source: 2D30055-01 Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N RPD3 19.9 1.0 mg/L 22.5 ND 88.4 80-120 20

Matrix Spike Dup (T2E1415-MSD1) Source: 2D30049-01 Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N 20.3 1.0 mg/L 22.5 ND 90.3 80-120 2.14 20

Matrix Spike Dup (T2E1415-MSD2) Source: 2D30055-01 Prepared: 05/13/12 Analyzed: 05/14/12
 Ammonia as N MS3, RPD3 6.01 1.0 mg/L 22.5 ND 26.7 80-120 107 20



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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: Tony Morales

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

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
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

Batch T2E0815

Blank (T2E0815-BLK1)		Prepared: 05/08/12 Analyzed: 05/09/12								
Lead		ND	0.50	µg/L						
Copper	J	0.139	2.0	"						
Selenium		ND	1.0	"						
Cadmium		ND	0.20	"						
Arsenic		ND	1.0	"						
Molybdenum	J	0.0282	1.0	"						
Nickel		ND	1.0	"						
Zinc		ND	5.0	"						
Chromium	J	0.720	1.0	"						



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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: Tony Morales	Reported: 05/22/2012
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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 T2E0815

LCS (T2E0815-BS1)		Prepared: 05/08/12 Analyzed: 05/09/12								
Nickel		51.5	1.0	µg/L	50.0		103	85-115		20
Copper		51.9	2.0	"	50.0		104	85-115		20
Selenium		51.6	1.0	"	50.0		103	85-115		20
Arsenic		50.8	1.0	"	50.0		102	85-115		20
Chromium		51.7	1.0	"	50.0		103	85-115		20
Lead		49	0.50	"	50.0		98.5	85-115		20
Cadmium		49.9	0.20	"	50.0		99.8	85-115		20
Molybdenum		50.1	1.0	"	50.0		100	85-115		20
Zinc		53.6	5.0	"	50.0		107	85-115		20

LCS Dup (T2E0815-BS1)		Prepared: 05/08/12 Analyzed: 05/09/12								
Chromium		51.1	1.0	µg/L	50.0		102	85-115	1.15	20
Copper		51.5	2.0	"	50.0		103	85-115	0.787	20
Arsenic		50.6	1.0	"	50.0		101	85-115	0.345	20
Lead		49	0.50	"	50.0		98.3	85-115	0.218	20
Zinc		53.0	5.0	"	50.0		106	85-115	1.09	20
Selenium		50.9	1.0	"	50.0		102	85-115	1.30	20
Molybdenum		49.5	1.0	"	50.0		99.0	85-115	1.19	20
Nickel		51.2	1.0	"	50.0		102	85-115	0.488	20
Cadmium		50.2	0.20	"	50.0		100	85-115	0.474	20

Matrix Spike (T2E0815-MS1)		Source: 2D25027-02		Prepared: 05/08/12 Analyzed: 05/09/12						
Selenium		49	1.0	µg/L	50.0	0.30	97.5	70-130		20
Zinc	MS4	1200	5.0	"	50.0	1300	NR	75-125		20
Nickel		50	1.0	"	50.0	0.30	100	75-125		20
Molybdenum		97	1.0	"	50.0	54	87.6	70-130		20
Copper		52	2.0	"	50.0	2.2	99.4	70-130		20
Chromium		51	1.0	"	50.0	0.47	102	70-130		20
Cadmium		50	0.20	"	50.0	ND	99.9	70-130		20
Arsenic		81	1.0	"	50.0	36	90.2	70-130		20
Lead		51	0.50	"	50.0	4.8	93.4	70-130		20



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 (559) 268-7021 Phone
 (559) 268-0740 Fax

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

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

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
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Batch T2E0815

Matrix Spike (T2E0815-MS2)

Source: 2D30049-01

Prepared: 05/08/12 Analyzed: 05/09/12

Selenium		49	1.0	µg/L	50.0	1.2	95.9	70-130	20
Lead		46	0.50	"	50.0	ND	91.2	70-130	20
Zinc		130	5.0	"	50.0	84	85.8	75-125	20
Copper		61	2.0	"	50.0	15	92.9	70-130	20
Molybdenum		490	10	"	50.0	430	106	70-130	20
Nickel		51	1.0	"	50.0	1.8	98.2	75-125	20
Chromium		62	1.0	"	50.0	9.5	105	70-130	20
Arsenic		56	1.0	"	50.0	6.3	99.2	70-130	20
Cadmium		48	0.20	"	50.0	ND	96.7	70-130	20

Matrix Spike Dup (T2E0815-MSD1)

Source: 2D25027-02

Prepared: 05/08/12 Analyzed: 05/09/12

Arsenic		81	1.0	µg/L	50.0	36	89.5	70-130	0.402	20
Copper		52	2.0	"	50.0	2.2	98.9	70-130	0.429	20
Chromium		51	1.0	"	50.0	0.47	102	70-130	0.205	20
Molybdenum		98	1.0	"	50.0	54	89.9	70-130	1.21	20
Zinc	MS4	1200	5.0	"	50.0	1300	NR	75-125	0.821	20
Nickel		51	1.0	"	50.0	0.30	101	75-125	0.592	20
Cadmium		50	0.20	"	50.0	ND	99.6	70-130	0.245	20
Selenium		48	1.0	"	50.0	0.30	95.7	70-130	1.91	20
Lead		52	0.50	"	50.0	4.8	93.9	70-130	0.489	20

Matrix Spike Dup (T2E0815-MSD2)

Source: 2D30049-01

Prepared: 05/08/12 Analyzed: 05/09/12

Copper		62	2.0	µg/L	50.0	15	93.6	70-130	0.556	20
Zinc		130	5.0	"	50.0	84	85.4	75-125	0.143	20
Selenium		49	1.0	"	50.0	1.2	95.0	70-130	0.919	20
Nickel		51	1.0	"	50.0	1.8	98.2	75-125	0.0689	20
Lead		46	0.50	"	50.0	ND	91.3	70-130	0.0505	20
Molybdenum		490	10	"	50.0	430	118	70-130	1.24	20
Arsenic		56	1.0	"	50.0	6.3	98.9	70-130	0.271	20
Cadmium		48	0.20	"	50.0	ND	95.6	70-130	1.14	20
Chromium		62	1.0	"	50.0	9.5	106	70-130	1.07	20



CHAIN OF CUSTODY/ANALYSIS REQUEST
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WORK ORDER #: 2030042
 PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: <u>Charles Lopez</u>	CONTACT: <u>h. Cortez</u>	<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: <u>()</u> <input checked="" type="checkbox"/> OTHER: <u>()</u>
COMPANY: <u>MCLWD</u>	COMPANY: <u>Same</u>	
ADDRESS: <u>550 S. FRANK</u>	ADDRESS: <u>Same</u>	
<u>FRESNO, CA 93725</u>		
PHONE: <u>559 485 7353</u>	PHONE: <u>559 485 7319</u>	
FAX: <u>559 485 7319</u>	FAX: <u>559 485 7319</u>	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): <u>Charles Lopez</u>	SIGNATURE: <u>[Signature]</u>	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 checked="" type="checkbox"/> STANDARD	ANALYSIS REQUESTED <u>AMMONIA</u> <u>CHLORINE</u> <u>SURFACTANT</u> <u>OPD</u> <u>METAL</u> <u>TA</u> <u>TDS</u> <u>PH</u>	

LAB USE	NOTES ON RECEIVED CONDITION:				CLIENT SAMPLE ID							LAB USE	
	<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				DATE	TIME	TYPE						
					4/30								

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<u>[Signature]</u>		04/30/12	1505	<u>[Signature]</u>	

Sample Integrity

Pg

2 of 3

2D30042

Date Received:

4/30/12

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: _____

Sample Integrity

Pg 3 of 3

2D30042

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	C	
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			



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: 1207899
Invoice ID: B122253

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



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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207899 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 12835

California ELAP Certification # 1371

MTA Project # 2D30042

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

12-07899

Sample Comments

Client Sample ID#: PPG 3390 S Peach

MTA Sample ID: 2D30042-01 Matrix: Water

Sampled: 04/30/12 10:30

Report Due to Client: 05/14/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/07/12 10:30

Containers Supplied:

- PL Amber Glass
- Unpreserved (A)

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

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

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 1207899 Page 2 of 2

BC LABORATORIES-INC.		SAMPLE RECEIPT FORM		Rev. No. 12	05/24/08	Page	Of				
Submission #: <u>12-07899</u>											
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:											
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: <u>0.95</u> Container: <u>GA</u> Thermometer ID: <u>177</u>		Date/Time <u>5-17-12</u>		Analyst Init <u>JDW</u>					
Temperature: A <u>5.8</u> °C C <u>5.6</u> °C											
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, 413.1											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
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											
8 OZ. JAR											
32 OZ. JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
FERROUS IRON											
ENCORE											

Comments:
 Sample Numbering Completed By: AMM Date/Time: 5/21/12 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 16:36
Project: Water Samples
Project Number: 2D30042
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207899-01	COC Number:	---	Receive Date:	05/01/2012 21:45
	Project Number:	---	Sampling Date:	04/30/2012 10:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	2D30042-01 PPG 3390 S Peach	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 16:36
Project: Water Samples
Project Number: 2D30042
Project Manager: Jullo Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207899-01		Client Sample Name: 2D30042-01 PPG 3390 S Peach, 4/30/2012 10:30:00AM, Client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Azinphos methyl	ND	ug/L	0.20	0.055	EPA-8141	ND		1
Boister	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		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	0.088	EPA-8141	ND		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
Sitrofos (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)	249	%	46 - 142 (LCL - UCL)		EPA-8141		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/04/12	05/16/12 01:33	CC1	GC-7	1	BVE0809

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 16:36
Project: Water Samples
Project Number: 2D30042
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: BVE0809						
Azinphos methyl	BVE0809-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0809-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0809-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0809-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0809-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0809-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0809-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0809-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0809-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0809-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0809-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0809-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0809-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0809-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0809-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0809-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenclorphos)	BVE0809-BLK1	ND	ug/L	0.20	0.067	
Sifrofos (Tetrachlorvinphos)	BVE0809-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0809-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0809-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0809-BLK1	104	%	46 - 142 (LCL - UCL)		



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 16:36
Project: Water Samples
Project Number: 2D30042
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	Control Limits		Lab
							RPD	Percent Recovery	
QC Batch ID: BVE0809									
Bolstar	BVE0809-BS1	LCS	0.79600	0.80000	ug/L	99.5		57 - 124	
Chlorpyrifos	BVE0809-BS1	LCS	0.85450	0.80000	ug/L	107		66 - 123	
Diazinon	BVE0809-BS1	LCS	1.2665	0.80000	ug/L	158		70 - 122	L01
Methyl parathion	BVE0809-BS1	LCS	0.79650	0.80000	ug/L	99.6		66 - 120	
Mevinphos	BVE0809-BS1	LCS	1.2760	0.80000	ug/L	160		60 - 120	L01
Ronnel (Fenchlorphos)	BVE0809-BS1	LCS	0.73700	0.80000	ug/L	92.1		61 - 120	
Stirophos (Tetrachlorvinphos)	BVE0809-BS1	LCS	1.4450	0.80000	ug/L	181		52 - 131	L01
Triphenylphosphate (Surrogate)	BVE0809-BS1	LCS	2.5955	2.5000	ug/L	104		46 - 142	

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Moore-Twining Laboratories 2527 Fresno Street Fresno, CA 93716	Reported: 05/16/2012 16:36 Project: Water Samples Project Number: 2D30042 Project Manager: Julio Morales
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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	RPD		Percent Recovery
QC Batch ID: BVE0809		Used client sample: N									
Bolstar	MS	1207076-09	ND	0.76600	0.80000	ug/L		95.8		61 - 120	
	MSD	1207076-09	ND	0.79450	0.80000	ug/L	3.7	99.3	22	61 - 120	
Chlorpyrifos	MS	1207076-09	ND	0.82350	0.80000	ug/L		103		65 - 120	
	MSD	1207076-09	ND	0.88450	0.80000	ug/L	4.9	108	22	65 - 120	
Diazinon	MS	1207076-09	ND	1.2350	0.80000	ug/L		154		70 - 122	Q03
	MSD	1207076-09	ND	1.2950	0.80000	ug/L	4.7	162	30	70 - 122	Q03
Methyl parathion	MS	1207076-09	ND	0.80550	0.80000	ug/L		101		61 - 120	
	MSD	1207076-09	ND	0.81500	0.80000	ug/L	1.2	102	25	61 - 120	
Mevinphos	MS	1207076-09	ND	1.1925	0.80000	ug/L		149		56 - 120	Q03
	MSD	1207076-09	ND	1.2550	0.80000	ug/L	5.1	157	28	56 - 120	Q03
Ronnal (Fenchlorphos)	MS	1207076-09	ND	0.70000	0.80000	ug/L		87.5		55 - 120	
	MSD	1207076-09	ND	0.74150	0.80000	ug/L	5.8	92.7	29	55 - 120	
Stirophos (Tetrachlorvinphos)	MS	1207076-09	ND	1.4055	0.80000	ug/L		176		54 - 127	Q03
	MSD	1207076-09	ND	1.4650	0.80000	ug/L	4.1	183	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-09	ND	2.5815	2.5000	ug/L		103		46 - 142	
	MSD	1207076-09	ND	2.6465	2.5000	ug/L	2.5	106		46 - 142	



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 16:36
Project: Water Samples
Project Number: 2D30042
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.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.
- S09 The surrogate recovery on the sample for this compound was not within the control limits.



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

California ELAP Certificate #1371

February 29, 2012

Work Order #: 2B17010

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

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 02/17/12 . For your reference, these analyses have been assigned laboratory work order number 2B17010.

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

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

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in cursive script, appearing to read 'Juliane Adams', with a horizontal line extending to the right.

Juliane Adams
Laboratory Director



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

California ELAP Certificate #1371

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

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

Reported:
02/29/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3390 S. Peach	2B17010-01	Waste Water	02/16/12 10:40	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.



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

California ELAP Certificate #1371

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

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

Reported:
 02/29/2012

Analytical Report for Work Order 2B17010

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3390 S. Peach										
						Sampled: 02/16/12 10:40 2B17010-01 (Waste Water)				
Turbidity		29	0.10		NTU	1	T2B1715	02/17/12	02/17/12	EPA 180.1
Specific Conductance (EC)		710	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

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



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

California ELAP Certificate #1371

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

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

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

Reported:
 02/29/2012

Inorganics - Quality Control

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

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2 B17010

Sample Integrity Pg 2 of 3

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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: _____

2B17010

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	off		
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			

4-25-12



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D25038

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 2D25038.

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.

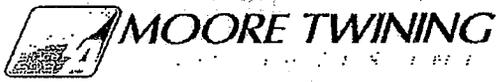
If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in cursive script, appearing to read "Liz Rutherford".

Liz Rutherford
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 Lopez

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3390 S Peach	2D25038-01	Waste Water	04/25/12 14:00	04/25/12 15:55

Analytical Report for Work Order 2D25038

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3390 S Peach										
Sampled: 04/25/12 14:00 2D25038-01 (Waste Water)										
Ammonia as N		6.8	1.0	0.48	mg/L	1	T2E0908	05/09/12	05/09/12	EPA 350.1
Total Dissolved Solids		380	10	8.1	mg/L	1	T2D2901	04/29/12	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		8.3	0.10	0.10	pH Units	1	T2D2606	04/26/12	04/26/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		3.8	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		6.0	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		11	2.0	0.094	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Lead	J	0.032	0.50	0.029	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Molybdenum		250	5.0	0.13	µg/L	5	T2D2709	04/27/12	05/04/12	EPA 200.8
Nickel	J	0.87	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium		1.3	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		23	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury	J	0.072	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.
 - 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.



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

California EIAP 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

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

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 3580 S. Frank
 Fresno CA, 93725

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

Reported:
 03/22/2012

Inorganics - Quality Control

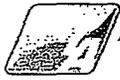
Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2D2704

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 T2D2901

Blank (T2D2901-BLK1)		Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids	B	16.5	10	mg/L						
LCS (T2D2901-BS1)		Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids		256	10	mg/L	240		106	80-120		20
LCS Dup (T2D2901-BSD1)		Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids		262	10	mg/L	240		109	80-120	2.70	20
Duplicate (T2D2901-DUP1)		Source: 2D26004-01 Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids		124	10	mg/L		126			2.00	20



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

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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:
05/22/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD Limit	RPD Limit
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Batch T2D2901

Duplicate (T2D2901-DUP2)		Source: 2D26005-01		Prepared: 04/29/12		Analyzed: 05/02/12				
Total Dissolved Solids		384	17	mg/L		374			2.50	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: 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
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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	"						

1,CS (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

1,CS Dup (T2D2709-BS1D1)

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:
 05/22/2012

Metals - Dissolved - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%RFC 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
Zinc	MS3 81 5.0 "	50.0	130 NR 75-125	20
Arsenic	53 1.0 "	50.0	1.4 104 70-130	20
Copper	MS2 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



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 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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 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 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 2025038

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1871

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPEZ	CONTACT: L. CARTER	<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: MCW.D	COMPANY:	
ADDRESS: 3550 S. FRANK FRESNO CA 93725	ADDRESS: SAUTER	
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 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 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 G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/R.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	--	--	---

NOTES ON RECEIVED CONDITION:

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

LAB USE	CLIENT SAMPLE ID	DATE	TIME	TYPE	ANALYSIS REQUESTED							LAB USE	
					AMMONIA	CHLORIDE	SURFACTANTS	OP	INITIALS	T.A.	F.D.S.		A.H.
	1 PPG 3390 S. PEACH	4/25	2 PM		X	X	X	X	X	X	X	X	
/													

COMMENTS/ADDITIONAL INSTRUCTIONS:

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

2025078

Sample Integrity Pg 2 of 3

Date Received: 08/25/12

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 or N</u>		Received On Ice:	<u>Wet</u>	<u>Blue</u>	Other: _____	
	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: <u>Yes</u> No Container: <u>125ml P</u> Preservation: <u>AWO</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: _____

2025073

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	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



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: 1207638
Invoice ID: B122135

Enclosed are the results of analyses for samples received by the laboratory on 4/27/2012. 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

Page 1 of 10

2025038



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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207638 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14820

California ELAP Certification # 1371 # 1207638

MTA Project # 2D25038

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

Sample Comments

Client Sample ID#: PPG 3390 S Peach

MTA Sample ID: 2D25038-01 Matrix: Water

Sampled: 04/25/12 14:00

Report Due to Client: 05/09/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/02/12 14:00

Containers Supplied:

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	SUB-OUT <input type="checkbox"/>

Released By *[Signature]* Date 04/26/12 Received By *[Signature]* Date 4/27/12 8:15

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 1207638 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page 1 of 1					
Submission #: 1207638											
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) <u>QSD</u>				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: <u>0.95</u> Container: <u>AMBER</u> Thermometer ID: <u>177</u>		Date/Time: <u>4/27/12</u>		Analyst Initials: <u>MAM 8:15</u>					
Temperature: A <u>5.9</u> °C / C <u>5.7</u> °C											
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											
In: NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT TOX											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
10ml VOA VIAL TRAVEL BLANK											
10ml VOA VIAL											
PT EPA 413.1, 413.3, 418.1											
PT ODOR											
RADIOLOGICAL											
LACTEIOLOGICAL											
20 ml VOA VIAL - 50ml											
PT EPA 508/608/609											
PT EPA 515.1/6150											
PT EPA 515											
PT EPA 515 TRAVEL BLANK											
10ml EPA 517											
10ml EPA 531.1											
PT EPA 518											
PT EPA 519											
PT EPA 612											
PT EPA 815M											
T AMBER		A									
OZ JAR											
1 OZ JAR											
OIL SLEEVE											
CU VIAL											
LASTIC BAG											
ERRORS IRON											
SCORE											
Comments:											
Sample Numbering Completed By: <u>SLT</u>		Date/Time: <u>4-27-12 @ 1020</u>									
Actual / C = Corrected											
		[D:\DOCS\WP\LAB_DOCS\FOR\HIS\AMREC2.WPD]									



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:15
Project: Water Samples
Project Number: 2D25038
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1207638-01	COC Number: ---	Receive Date: 04/27/2012 08:15
	Project Number: ---	Sampling Date: 04/25/2012 14:00
	Sampling Location: ---	Sample Depth: ---
	Sampling Point: PPG 3390 S Peach 2D25038-01	Lab Matrix: Water
	Sampled By: ---	Sample Type: Water



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:15
Project: Water Samples
Project Number: 2D25038
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207638-01 Client Sample Name: PPG 3390 S Peach 2D25038-01, 4/25/2012 2:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	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	0.088	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	V11	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	V11	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)	117	%	48 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/01/12	05/14/12 18:33	CC1	GC-7	1.031	BVE0780

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:15
Project: Water Samples
Project Number: 2D25038
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenclorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Strophanthos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 142 (LCL - UCL)		

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93736

Reported: 05/16/2012 8:15
Project: Water Samples
Project Number: 2D25038
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	Control Limits		Lab
							RPD	Percent Recovery	
QC Batch ID: BVE0780									
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6		57 - 124	
Chlorpyrifos	BVE0780-BS1	LCS	0.67250	0.80000	ug/L	84.1		66 - 123	
Diazinon	BVE0780-BS1	LCS	1.1545	0.80000	ug/L	144		70 - 122	L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6		66 - 120	
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127		60 - 120	L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4		61 - 120	
Stirophos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149		52 - 131	L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1		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 8:15
Project: Water Samples
Project Number: 2D25038
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	Percent RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BVE0780		Used client sample: N									
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120	
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120	
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120	
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120	
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122	Q03
	MSD	1207076-16	ND	1.2465	0.80000	ug/L	2.1	156	30	70 - 122	Q03
Methyl parathion	MS	1207076-16	ND	0.72600	0.80000	ug/L		90.8		61 - 120	
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.9	25	61 - 120	
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		56 - 120	Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	56 - 120	Q03
Ronnel (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120	
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120	
Stirophos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127	Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142	
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		46 - 142	

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



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:15
Project: Water Samples
Project Number: 2D25038
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.
- 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.



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

California ELAP Certificate #1371

May 31, 2012

Work Order #: 2E25014

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 2E25014.

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:
 05/31/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG	2E25014-01	Water	05/25/12 00:00	05/25/12 12:33

Analytical Report for Work Order 2E25014

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG										
Sampled: 05/25/12 00:00 2E25014-01 (Water)										
Turbidity		11	0.10	0.020	NTU	1	T2E2513	05/25/12	05/25/12	EPA 180.1
Specific Conductance (EC)		730	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.



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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:
 05/31/2012

Inorganics - Quality Control

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

WORK ORDER #: 2E25014
PAGE 1 **OF** 2

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: CHRIS LOPES	CONTACT: LARRY COTIER	<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: MCD	COMPANY:	
ADDRESS: 3500 S FRANK FRESNO CA 93725	ADDRESS: Same	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7319	FAX:	

SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: <i>Chris Lopez</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 WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	--	---

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED
	CLIENT SAMPLE ID	DATE	TIME	TYPE	
	PPG	5/25		EX	EC TURBIDITY (Diagonal lines)

COMMENTS/ADDITIONAL INSTRUCTIONS:
 CHRIS LOPES

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopez</i>		5/25/12	1215	<i>[Signature]</i>	

Sample Integrity

Pg

2 of 3 ZE25014

Date Received:

5/25/12

Section 1-Sampled Same Day			
Sample Transport:	<u>Walk In</u>	MTA Courier	Transported In: <u>Ice Chest</u> Box 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	<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 33 of

ZE25014

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			

Page 6 of 6



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

California ELAP Certificate #1371

July 06, 2012

Work Order #: 2F29012

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 2F29012.

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:
07/06/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P.P.G. 3333 S. Peach Ave. Fresno, Ca 93725	2F29012-01	Waste Water	06/29/12 10:15	06/29/12 12:30



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 Work Order 2F29012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
P.P.G. 3333 S. Peach Ave. Fresno, Ca 93725						Sampled: 06/29/12 10:15 2F29012-01 (Waste Water)				
Turbidity		13	0.10	0.020	NTU	1	T2F2922	06/29/12	06/29/12	EPA 180.1
Specific Conductance (EC)		720	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.



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

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%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 #: 2F29012
PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: GALVIE 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: 3580 S. FRANK	ADDRESS:	
FRESNO CA. 93725	PHONE:	
PHONE: 559 485 7353	FAX:	
FAX: 559 485 7319		

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"/> 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 WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
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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												
	PPG 3333 S. PEACH AVE FRESNO CA 93725	6/29/15		HT												

COMMENTS/ADDITIONAL INSTRUCTIONS:

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

Sample Integrity

Page 2 of 3 WO# 229012 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.

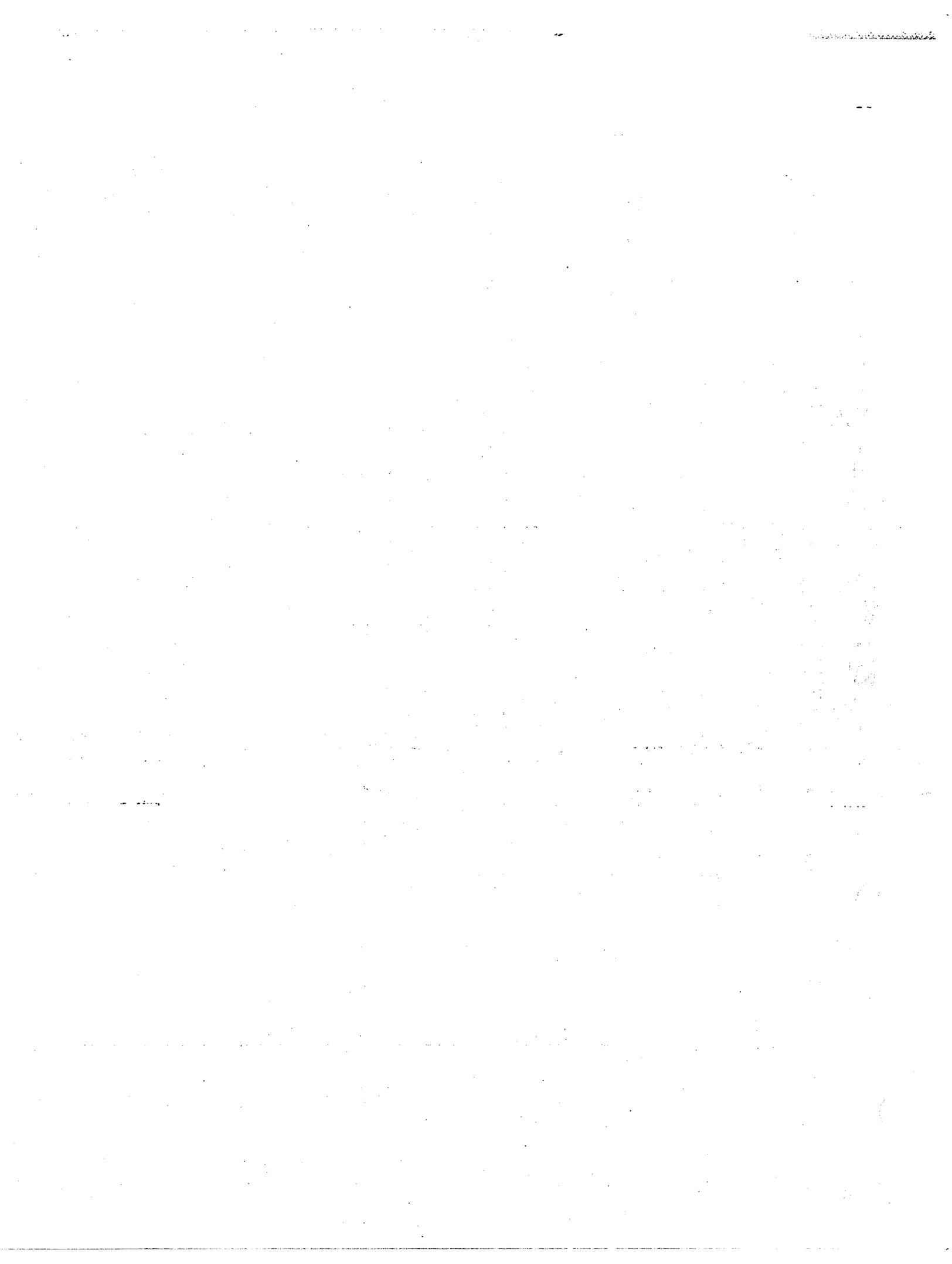
	Completed		Info From Container	Completed	
	Yes	No		Yes	No
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72hr		<input checked="" type="checkbox"/>
Time Sampled	<input 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:





California ELAP Certificate #1371

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

August 07, 2012

Work Order #: 2G31002

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 07/31/12. For your reference, these analyses have been assigned laboratory work order number 2G31002.

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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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
P.P.G. 3333 S. Peach Ave. Fresno, Ca 93725	2G31002-01	Waste Water	07/31/12 10:15	07/31/12 10:50



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:
 08/07/2012

Analytical Report for Work Order 2G31002

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
P.P.G. 3333 S. Peach Ave. Fresno, Ca 93725						Sampled: 07/31/12 10:15 2G31002-01 (Waste Water)				
Turbidity		6.2	0.10	0.020	NTU	1	T2H0111	08/01/12	08/01/12	EPA 180.1
Specific Conductance (EC)		14000	1.0	1.0	µS/cm	1	T2H0112	08/01/12	08/01/12	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
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

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	20
Duplicate (T2H0111-DUP1)		Source: 2G31002-01 Prepared & Analyzed: 08/01/12								
Turbidity		6.28	0.10	NTU		6.20			1.28	20

Batch T2H0112 - SM2510B

LCS (T2H0112-BS1)		Prepared & Analyzed: 08/01/12								
Specific Conductance (EC)		511	1.0	µS/cm	500		102	80-120		20
LCS Dup (T2H0112-BSD1)		Prepared & Analyzed: 08/01/12								
Specific Conductance (EC)		513	1.0	µS/cm	500		103	80-120	0.391	20
Duplicate (T2H0112-DUP1)		Source: 2G31002-01 Prepared & Analyzed: 08/01/12								
Specific Conductance (EC)		13500	1.0	µS/cm		13500			0.0739	20
Duplicate (T2H0112-DUP2)		Source: 2G31040-02 Prepared & Analyzed: 08/01/12								
Specific Conductance (EC)		1250	1.0	µS/cm		1250			0.0800	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 2631002

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: LAVIE 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 type="checkbox"/> OTHER :
NAME: 3580 S. FRANK	NAME:	
ADDRESS: FRESNO CA. 93725	ADDRESS: Same	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 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"/> REPLACEMENT	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID LIQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER	CONTRACT/P.O. NO.:
SIGNATURE: <i>Chris Lopes</i>			PROJECT:
TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON:			PROJECT NUMBER:
<input checked="" type="checkbox"/> STANDARD			PROJECT MANAGER:

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-PPG 3333	7/31	10:15		F.E.C. Turbidity										
	SOUTH PEACH AVE. FRESNO CA. 93725														

COMMENTS/ADDITIONAL INSTRUCTIONS: * Sample time per sample bottle. *[Signature]*

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		07/31/12	1050	<i>[Signature]</i>	MTA

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# 2631002

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Batch 100mL Phosphate			
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 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)			
500mL Clear Glass 125mL 250mL 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
ICMA Bag			
Spent H2 Plastic			
Gross Alpha/Beta 1L HNO3 each			
Radon 12/27/28 16m HNO3 each			
Radon			
Low Level Hg Metals Double Bag			

Page 6 of 6



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

California ELAP Certificate #1371

September 10, 2012

Work Order #: 2H31006

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 2H31006.

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
P.P.G. 3333 S. Peach Ave. Fresno, CA 93725	2H31006-01	Waste Water	08/30/12 10:15	08/31/12 11:45



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:
 09/10/2012

Analytical Report for Work Order 2H31006

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
P.P.G. 3333 S. Peach Ave. Fresno, CA 93725						Sampled: 08/30/12 10:15 2H31006-01 (Waste Water)				
Turbidity		16	0.10	0.020	NTU	1	T2H3117	08/31/12	08/31/12	EPA 180.1
Specific Conductance (EC)		750	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.
 - µg/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

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

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	20
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	20
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

WORKORDER #:
PAGE 1 OF 3 2431006

REPORT TO:	<input type="checkbox"/> INVOICE TO:	<input type="checkbox"/> REPORT COPY TO:	REPORTING :
ATTENTION: CHRIS LOPES	ATTENTION: L. COOPER		<input type="checkbox"/> STANDARD FORMAT
NAME: MALAGA C.W.D.	NAME:		<input type="checkbox"/> EDT (STATE FORM)
ADDRESS: 5580 S. FRANK ST.	ADDRESS: [Signature]		<input type="checkbox"/> GEOTRACKER/COELT (LUFT)
FRESNO CA. 93725	PHONE:		<input type="checkbox"/> PDF <input type="checkbox"/> EXCEL
PHONE: 559 4189 7353	FAX:		<input type="checkbox"/> County DHS:
FAX: 559 4187 7319			<input type="checkbox"/> Environmental Health Agency: [Signature]
			<input type="checkbox"/> OTHER:

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

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 checked="" type="checkbox"/> AMBIENT TEMP. <input type="checkbox"/> INCORRECT PRESERVATION																				
	CLIENT SAMPLE ID	DATE	TIME	TYPE																	
	PPG. c	8/30	1015																		
	3333																				
	S. PEACH AV.																				
	FRESNO CA. 93725																				

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
[Signature]		08/31/12	1145	[Signature]	

Sample Integrity

Page 2 of 3

WO# 2431004

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		
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# 2431006

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)										
Sample(s) Received													
Bacillus 100mL Thioculfate													
None Preserved Plastic	LA												
HNO3 Plastic													
H2SO4 Plastic													
NaOH Plastic													
300mL DO Bottle													
Other													
Client Own													
H 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 - Na2S2O3 (thio)													
Soil Jar Clear Glass 125mL 250mL 500mL													
THM 40mL VOA None													
Plastic Bag													
Soil Tube													
Cellar Bags													
Asbestos IL Plastic													
Cross Alpha/Beta IL HNO3 each													
Radical 226/228 IL HNO3 each													
Radon													
Low Level Hg/Metals Double Bag													

Page 3 of 3



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

California ELAP Certificate #1371

October 11, 2012

Work Order #: 2J09020

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 2J09020.

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:
10/11/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3333 S. Peach Ave Fresno CA 93725	2J09020-01	Water	10/09/12 11:00	10/09/12 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:
 10/11/2012

Analytical Report for Work Order 2J09020

Analyte	Qual	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3333 S. Peach Ave Fresno CA 93725										
							Sampled: 10/09/12 11:00 2J09020-01 (Water)			
Turbidity		16	0.10	0.020	NTU	1	T2J0907	10/09/12	10/09/12	EPA 180.1
Specific Conductance (EC)		1000	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
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

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

Sample Integrity

Page 2 of 3 WO# 2J09023 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# 2J09020

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received			
Bacter 100mL Thiosulfate			
None Preserved Plastic	<i>LN</i>		
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			



California ELAP Certificate #1371

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

October 17, 2012

Work Order #: 2J11042

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 10/11/12. For your reference, these analyses have been assigned laboratory work order number 2J11042.

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:
10/17/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 333 S. Peach Ave Fresno CA 93725	2J11042-01	Water	10/11/12 14:30	10/11/12 15:20



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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:
 10/17/2012

Analytical Report for Work Order 2J11042

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
PPG 333 S. Peach Ave Fresno CA 93725								Sampled: 10/11/12 14:30 2J11042-01 (Water)			
Turbidity		11	0.10	0.020	NTU	1	T2J1113	10/11/12	10/11/12	EPA 180.1	
Specific Conductance (EC)		7900	1.0	1.0	µS/cm	1	T2J1605	10/16/12	10/16/12	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
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

Batch T2J1113 - EPA 180.1

Blank (T2J1113-BLK1)						Prepared & Analyzed: 10/11/12				
Turbidity	J	0.0200	0.10	NTU						
LCS (T2J1113-BS1)						Prepared & Analyzed: 10/11/12				
Turbidity		9.91	0.10	NTU	10.0		99.1	80-120		20
LCS Dup (T2J1113-BSD1)						Prepared & Analyzed: 10/11/12				
Turbidity		9.90	0.10	NTU	10.0		99.0	80-120	0.101	20
Duplicate (T2J1113-DUP1)						Source: 2J11024-01 Prepared & Analyzed: 10/11/12				
Turbidity		0.150	0.10	NTU		0.160			6.45	20

Batch T2J1605 - SM2510B

LCS (T2J1605-BS1)						Prepared & Analyzed: 10/16/12				
Specific Conductance (EC)		513	1.0	µS/cm	500		103	80-120		20
LCS Dup (T2J1605-BSD1)						Prepared & Analyzed: 10/16/12				
Specific Conductance (EC)		514	1.0	µS/cm	500		103	80-120	0.195	20
Duplicate (T2J1605-DUP1)						Source: 2J11005-01 Prepared & Analyzed: 10/16/12				
Specific Conductance (EC)		107000	1.0	µS/cm		107000			0.00	20
Duplicate (T2J1605-DUP2)						Source: 2J11005-11 Prepared & Analyzed: 10/16/12				
Specific Conductance (EC)		115000	1.0	µS/cm		115000			0.00	20

Sample Integrity

Page 2 of 3

WO# 2J11042

Date Received: 10/11/12

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# 2511042

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacteriological Thiocyanate			
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 Bag			
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
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California ELAP Certificate #1371

October 24, 2012

Work Order #: 2J19004

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 10/19/12. For your reference, these analyses have been assigned laboratory work order number 2J19004.

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: PPG
Project Manager: Chris Lopes

Reported:
10/24/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3333 S. Peach Ave Fresno CA 93725	2J19004-01	Water	10/18/12 16:00	10/19/12 11:50



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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: PPG
 Project Manager: Chris Lopes

Reported:
 10/24/2012

Analytical Report for Work Order 2J19004

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
PPG 3333 S. Peach Ave Fresno CA 93725							Sampled: 10/18/12 16:00 2J19004-01 (Water)			
Turbidity		39	0.20	0.040	NTU	2	T2J1909	10/19/12	10/19/12	EPA 180.1
Specific Conductance (EC)		15000	1.0	1.0	µS/cm	1	T2J1907	10/19/12	10/19/12	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.
 - µg/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2J1907 - SM2510B

LCS (T2J1907-BS1)		Prepared & Analyzed: 10/19/12								
Specific Conductance (EC)		518	1.0	µS/cm	500		104	80-120		20
LCS Dup (T2J1907-BSD1)		Prepared & Analyzed: 10/19/12								
Specific Conductance (EC)		519	1.0	µS/cm	500		104	80-120	0.193	20
Duplicate (T2J1907-DUP1)		Source: 2J18002-01 Prepared & Analyzed: 10/19/12								
Specific Conductance (EC)		2780	1.0	µS/cm		2780			0.108	20
Duplicate (T2J1907-DUP2)		Source: 2J18003-09 Prepared & Analyzed: 10/19/12								
Specific Conductance (EC)		116000	1.0	µS/cm		116000			0.0864	20

Batch T2J1909 - EPA 180.1

Blank (T2J1909-BLK1)		Prepared & Analyzed: 10/19/12								
Turbidity	J	0.0300	0.10	NTU						
LCS (T2J1909-BS1)		Prepared & Analyzed: 10/19/12								
Turbidity		9.63	0.10	NTU	10.0		96.3	80-120		20
LCS Dup (T2J1909-BSD1)		Prepared & Analyzed: 10/19/12								
Turbidity		9.62	0.10	NTU	10.0		96.2	80-120	0.104	20
Duplicate (T2J1909-DUP1)		Source: 2J18037-01 Prepared & Analyzed: 10/19/12								
Turbidity		2.62	0.10	NTU		2.61			0.382	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

2579004

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

ATTENTION: CHRIS LOPES	ATTENTION: L. CORTEZ	<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: MALIAGA CWO	NAME:	
ADDRESS: 3580 S. FRANK	ADDRESS:	
FRESNO CA. 93725	PHONE:	
PHONE: 559-485-7353	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPES	SIGNATURE: [Signature]	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	LQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER	PROJECT:
<input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT	TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON:		PROJECT NUMBER:
<input type="checkbox"/> STANDARD			PROJECT MANAGER:

LAB USE	NOTES ON RECEIVED CONDITION:				System Number / Station Code
	CLIENT SAMPLE ID	DATE	TIME	TYPE	
	PPG 3333	10/18	400		
	S. PEACH AVE.				
	FRESNO, CA. 93725				
	<i>EC: TURBIDITY</i>				

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
[Signature]		10/19/12	11:50	[Signature]	MTA

Sample Integrity

Page 2 of 3 WO# 2J19004 Date Received: 10/19/12

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	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# 2J19004

MTA Bottles: (Yes) or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)																	
Sample(s) Received																				
Bacter 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																				

11-6-12



7 Fresno Street
Fresno, CA 93721
268-7021 Phone
268-0740 Fax

California ELAP Certificate #1371

November 15, 2012

Work Order #: 2K06031

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 2K06031.

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
PPG 3333 S. Peach Ave Fresno CA 93725	2K06031-01	Water	11/06/12 10:00	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 2K06031

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
PPG 3333 S. Peach Ave Fresno CA 93725											
										Sampled: 11/06/12 10:00 2K06031-01 (Water)	
Turbidity		12	0.10	0.020	NTU	1	T2K0711	FSz	11/7/12 10:37	11/7/12 12:26	EPA 180.1
Specific Conductance (EC)		760	1.0	1.0	µS/cm	1	T2K0626	DAR	11/6/12 19:56	11/7/12 2:31	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

Sample Integrity

Page 2 of 3 WO# 2K06031 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	/		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

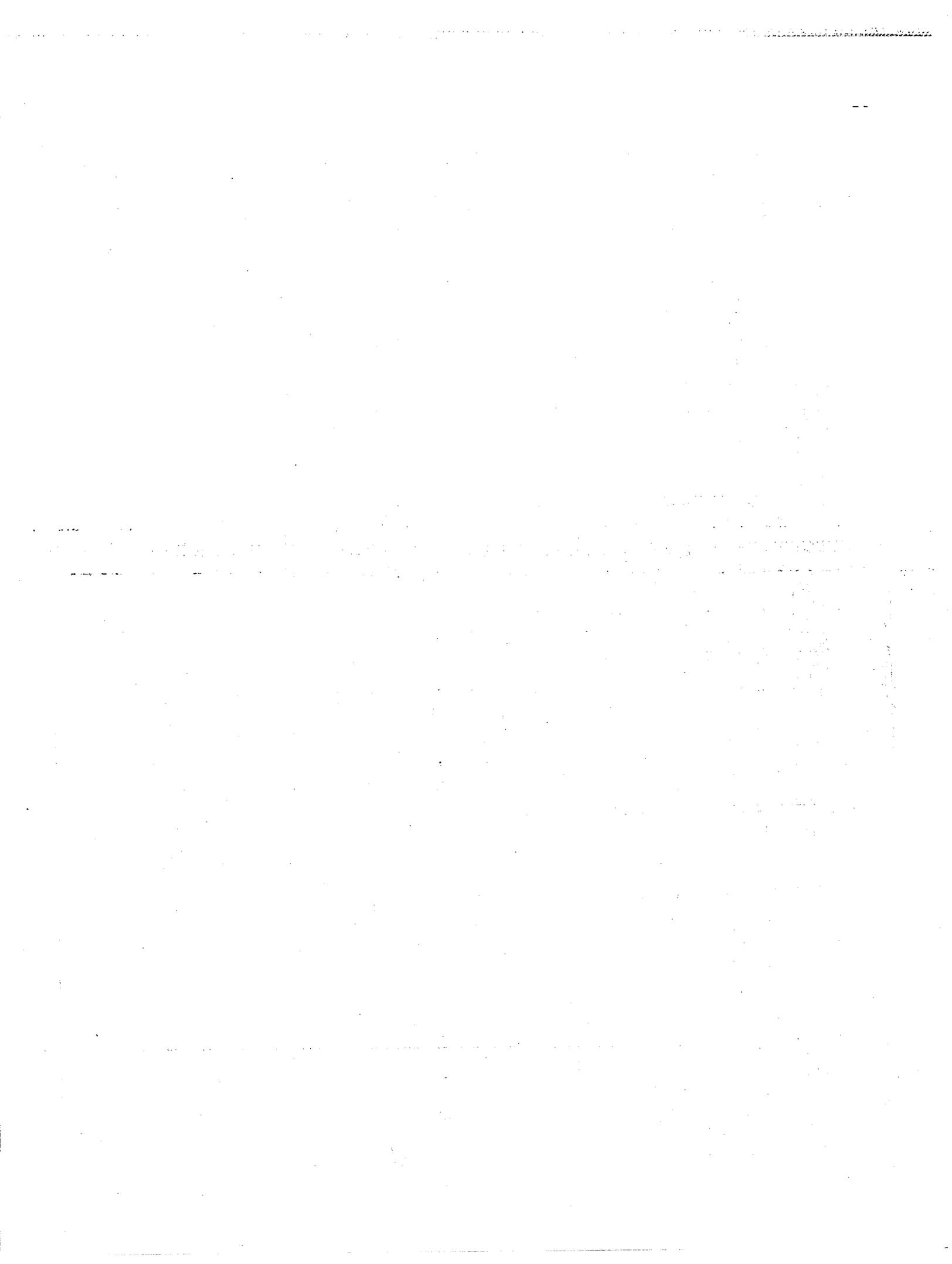
Page 3 of 3

WO# 2106031

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			

Page 7 of 7





California ELAP Certificate #1371

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

December 05, 2012

Work Order #: 2L03056

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 2L03056 .

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:
12/05/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PPG 3333 S. Peach Ave Fresno CA 93725	2L03056-01	Waste Water	12/03/12 09:30	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 2L03056

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
PPG 3333 S. Peach Ave Fresno CA 93725											
Sampled: 12/03/12 09:30 2L03056-01 (Waste Water)											
Turbidity		12	0.10	0.020	NTU	1	T2L0404	FSz	12/4/12 9:35	12/4/12 9:35	EPA 180.1
Specific Conductance (EC)		760	1.0	0.26	µS/cm	1	T2L0405	DAR	12/4/12 18:41	12/4/12 18:41	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
---------	-------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

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



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

26030 SL

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPEZ		ATTENTION: LAURNE CORTEZ		<input type="checkbox"/> STANDARD FORMAT	
NAME: MALAGA COUNTY WD		NAME:		<input type="checkbox"/> EDT (STATE FORM)	
ADDRESS: 3580 S. FRANK ST.		ADDRESS: <i>[Signature]</i>		<input type="checkbox"/> GEOTRACKER/COELT (LUFT)	
FRESNO CA. 93725		PHONE:		<input type="checkbox"/> PDF <input type="checkbox"/> EXCEL	
PHONE: 559 489 7353		FAX:		<input type="checkbox"/> County DHS :	
FAX: 559 489 7319		FAX:		<input type="checkbox"/> Environmental Health Agency :	
				<input type="checkbox"/> OTHER: MACWD	
SAMPLE INFORMATION		SAMPLE TYPES:		PROJECT INFORMATION	
SAMPLER BY (PRINT): CHRIS LOPEZ		SOLID:		CONTRACT/P.O. NO.:	
SIGNATURE: <i>[Signature]</i>		BS - BIOSOLID		PROJECT:	
<input type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE		CR - CERAMIC		PROJECT NUMBER:	
<input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT		SL - SOIL/SOLID		PROJECT MANAGER:	
<input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT		LIQUID:			
TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON:		DW - DRINKING WATER			
<input type="checkbox"/> STANDARD		GW - GROUND WATER			
		OL - OIL			
		SF - SURFACE WATER			
		ST - STORM WATER			
		WW - WASTE WATER			

NOTES ON RECEIVED CONDITION:

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

E.C. TURBIDITY

USE	CLIENT SAMPLE ID			DATE	TIME	TYPE	System Number / Station Code
	1	2	3				
	PPG			12/5	9:30 AM	WW	
	3333						
	S. PEACH AVE.						
	FRESNO CA 93725						
	<i>[Large Wavy Signature]</i>						

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		12/3/12	1:05	<i>[Signature]</i>	MTA

Sample Integrity

Page 2 of 3 WO# 2L03056 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:

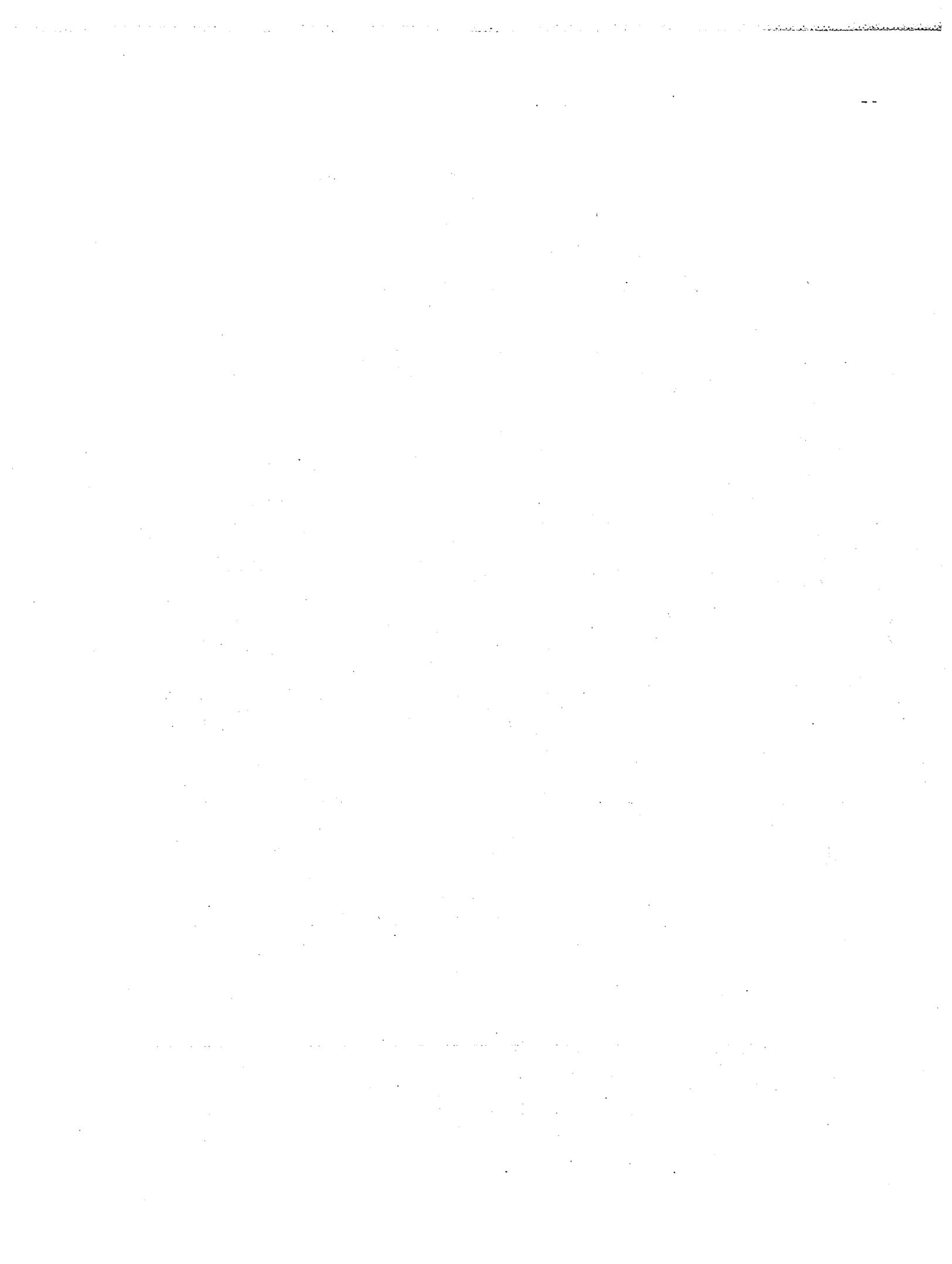
Sample Integrity

Page 3 of 3

WO# 2L03056

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																				





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<http://www.mcccampbell.com> / E-mail: main@mcccampbell.com

Analytical Report

Safety Kleen 3561 South Maple St. Fresno, CA 93725	Client Project ID: #42012; Frit Pit	Date Sampled: 04/13/12
		Date Received: 04/16/12
	Client Contact: Gabriel De La Rosa	Date Reported: 04/23/12
	Client P.O.:	Date Completed: 04/23/12

WorkOrder: 1204430

April 23, 2012

Dear Gabriel:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #42012; Frit Pit,
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.

The analytical results relate only to the items tested.

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1204430

ClientCode: SKF

WaterTrax WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Report to:

Gabriel De La Rosa
Safety Kleen
3561 South Maple St.
Fresno, CA 93725
559-486-1960 FAX: 559-486-2008

Email: gabriel.delarosa@safety-kleen.com; mandi
cc:
PO:
ProjectNo: #42012; Frit Pit

Bill to:

Mandi Paulsen
Safety Kleen
3561 South Maple Street
Fresno, CA 93725
SEND HARDCOPY

Requested TAT: 5 days

Date Received: 04/16/2012

Date Printed: 04/16/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
1204430-001	FP Water	Water	4/13/2012	<input type="checkbox"/>	A	A	A	A									

Test Legend:

1	8260B_W	2	CAM17(T)MS_W	3	PH_W	4	SC_W	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



Sample Receipt Checklist

Client Name: **Safety Kleen** Date and Time Received: **4/16/2012 10:53:17 AM**
 Project Name: **#42012; Frit Pit** Login Reviewed by: **Melissa Valles**
 WorkOrder N°: **1204430** Matrix: Water Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present? Yes No
 Chain of custody signed when relinquished and received? Yes No
 Chain of custody agrees with sample labels? Yes No
 Sample IDs noted by Client on COC? Yes No
 Date and Time of collection noted by Client on COC? Yes No
 Sampler's name noted on COC? Yes No

Sample Receipt Information

Custody seals intact on shipping container/cooler? Yes No NA
 Shipping container/cooler in good condition? Yes No
 Samples in proper containers/bottles? Yes No
 Sample containers intact? Yes No
 Sufficient sample volume for indicated test? Yes No

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes No
 Container/Temp Blank temperature Cooler Temp: 18.8°C NA
 Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
 Sample labels checked for correct preservation? Yes No
 Metal - pH acceptable upon receipt (pH<2)? Yes No NA
 Samples Received on Ice? Yes No

* NOTE: If the "No" box is checked, see comments below.

Comments: 8260 should be collected in VOAs w/ HCl with zero headspace. Metals pH had to be adjusted to <2. After preservation sample had to sit for 24hrs prior to extracting and analyzing.



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http://www.mcccampbell.com / E-mail: main@mcccampbell.com

Safety Kleen 3561 South Maple St. Fresno, CA 93725	Client Project ID: #42012; Frit Pit	Date Sampled: 04/13/12
		Date Received: 04/16/12
	Client Contact: Gabriel De La Rosa	Date Extracted: 04/17/12
	Client P.O.:	Date Analyzed: 04/17/12

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 1204430

Lab ID	1204430-001A						
Client ID	FP Water						
Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes, Total	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	87	%SS2:	92
%SS3:	80		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.



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http://www.mcccampbell.com / E-mail: main@mcccampbell.com

Safety Kleen 3561 South Maple St. Fresno, CA 93725	Client Project ID: #42012; Frit Pit	Date Sampled: 04/13/12
		Date Received 04/16/12
	Client Contact: Gabriel De La Rosa	Date Extracted 04/16/12
	Client P.O.:	Date Analyzed 04/20/12

CAM / CCR 17 Metals*

Lab ID	1204430-001A				Reporting Limit for DF=1; ND means not detected above the reporting limit	
Client ID	FP Water					
Matrix	W			S		W
Extraction Type	TOTAL			mg/kg		µg/L

ICP-MS Metals, Concentration*

Analytical Method: E200.8

Extraction Method: E200.8

Work Order: 1204430

Dilution Factor	1			1	1
Antimony	6.5			NA	0.5
Arsenic	5.6			NA	0.5
Barium	23			NA	5.0
Beryllium	ND			NA	0.5
Cadmium	3.1			NA	0.25
Chromium	7.2			NA	0.5
Cobalt	0.86			NA	0.5
Copper	25			NA	0.5
Lead	9.0			NA	0.5
Mercury	0.080			NA	0.025
Molybdenum	280			NA	0.5
Nickel	4.4			NA	0.5
Selenium	2.9			NA	0.5
Silver	ND			NA	0.19
Thallium	ND			NA	0.5
Vanadium	22			NA	0.5
Zinc	1300			NA	5.0
%SS:	108				

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.



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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 66768

WorkOrder: 1204430

EPA Method: SW8260B		Extraction: SW5030B					Spiked Sample ID: 1204450-032B			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
tert-Amyl methyl ether (TAME)	ND	10	84.8	92.3	8.48	85.1	70 - 130	20	70 - 130	
Benzene	ND	10	95.5	94.8	0.815	89.2	70 - 130	20	70 - 130	
t-Butyl alcohol (TBA)	ND	40	82.2	91.7	10.9	79.6	70 - 130	20	70 - 130	
Chlorobenzene	ND	10	92	91.5	0.563	87.5	70 - 130	20	70 - 130	
1,2-Dibromoethane (EDB)	ND	10	84.5	87.7	3.79	81	70 - 130	20	70 - 130	
1,2-Dichloroethane (1,2-DCA)	7.3	10	78.8	82.3	2.27	85.5	70 - 130	20	70 - 130	
1,1-Dichloroethene	100	10	NR	NR	NR	90.4	N/A	N/A	70 - 130	
Diisopropyl ether (DIPE)	ND	10	92.7	93.6	0.981	89.2	70 - 130	20	70 - 130	
Ethyl tert-butyl ether (ETBE)	ND	10	90	92.4	2.60	86.9	70 - 130	20	70 - 130	
Methyl-t-butyl ether (MTBE)	ND	10	74.8	79.1	3.44	82.1	70 - 130	20	70 - 130	
Toluene	ND	10	86.8	84.8	2.14	85.3	70 - 130	20	70 - 130	
Trichloroethene	15	10	67.4, F1	67.8, F1	0.191	86.5	70 - 130	20	70 - 130	
%SS1:	93	25	88	89	1.46	88	70 - 130	20	70 - 130	
%SS2:	93	25	93	92	0.792	92	70 - 130	20	70 - 130	
%SS3:	105	2.5	81	82	1.73	81	70 - 130	20	70 - 130	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F1 = MS/MSD recovery was out of acceptance criteria; LCS validated the prep batch.

BATCH 66768 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204430-001A	04/13/12	04/17/12	04/17/12 11:34 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS - Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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 QA/QC Officer



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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

BatchID: 66672

WorkOrder: 1204430

EPA Method: E200.8		Extraction: E200.8					Spiked Sample ID: 1204426-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Antimony	ND	50	104	104	0	97.6	70 - 130	20	70 - 130	
Arsenic	2.0	50	102	103	1.11	104	70 - 130	20	70 - 130	
Barium	46	500	105	105	0	104	70 - 130	20	70 - 130	
Beryllium	ND	50	102	102	0	102	70 - 130	20	70 - 130	
Cadmium	ND	50	103	104	0.193	98.4	70 - 130	20	70 - 130	
Chromium	ND	50	100	101	0.854	105	70 - 130	20	70 - 130	
Cobalt	ND	50	93.9	94.6	0.827	92.5	70 - 130	20	70 - 130	
Copper	9.4	50	98	99	0.853	110	70 - 130	20	70 - 130	
Lead	ND	50	103	103	0	94.1	70 - 130	20	70 - 130	
Mercury	ND	1.25	107	106	0.828	87.5	70 - 130	20	70 - 130	
Molybdenum	3.0	50	103	103	0	94	70 - 130	20	70 - 130	
Nickel	0.61	50	98.3	99.7	1.36	109	70 - 130	20	70 - 130	
Selenium	ND	50	104	103	1.44	98.3	70 - 130	20	70 - 130	
Silver	ND	50	99.1	99.2	0.0403	93.5	70 - 130	20	70 - 130	
Thallium	ND	50	94.3	96	1.74	92.8	70 - 130	20	70 - 130	
Vanadium	2.9	50	101	102	1.32	107	70 - 130	20	70 - 130	
Zinc	ND	500	101	102	0.530	108	70 - 130	20	70 - 130	
%SS:	112	750	112	113	0.320	109	70 - 130	20	70 - 130	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 66672 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204430-001A	04/13/12	04/16/12	04/20/12 3:13 AM	1204430-001A	04/13/12	04/16/12	04/20/12 12:52 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not applicable to this method.
 NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
 http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: SM4500H+B (pH)

Matrix: W

WorkOrder: 1204430

Method Name: SM4500H+B		Units: ±, pH units @ °C			BatchID: 66853	
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	Precision	Acceptance Criteria
1204430-001A	9.16 @ 22.6°C	1	9.17 @ 22.7°C	1	0.01	0.05

BATCH 66853 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204430-001A	04/13/12	04/16/12	04/16/12 3:36 PM				

Test Method: SM2510B (Specific Conductivity)

Matrix: W

WorkOrder: 1204430

Method Name: SM2510B		Units: µmhos/cm @ 25°C			BatchID: 66643	
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)
1204430-001A	691 @ 25.0°C	1	691 @ 25.0°C	1	0.0724	<2

BATCH 66643 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204430-001A	04/13/12	04/16/12	04/16/12 9:00 PM				

Dup = Duplicate; SD = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

Precision = Absolute Value (Sample - Duplicate)

RPD = 100 * (Sample - Duplicate) / [(Sample + Duplicate) / 2]

%RPD is calculated using results of up to 10 significant figures, however the reported results are rounded to 2 or 3 significant figures. Therefore there may be a slight discrepancy between the %RPD displayed above and %RPD calculated using the reported results. MAI considers %RPD based upon more significant figures to be more accurate.

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 QA/QC Officer





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

California ELAP Certificate #1371

May 09, 2012

Work Order #: 2D24030

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 2D24030.

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 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
Rio Brave \ 3350 S. Willow	2D24030-01	Water	04/24/12 14:20	04/24/12 16:30

Analytical Report for Work Order 2D24030

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 04/24/12 14:20 2D24030-01 (Water)										
Ammonia as N		1.8	1.0	0.48	mg/L	1	T2E0805	05/08/12	05/08/12	EPA 350.1
Total Dissolved Solids		630	10	8.1	mg/L	1	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		8.0	0.10	0.10	pH Units	1	T2D2507	04/25/12	04/25/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2611	04/26/12	04/26/12	SM5540C
Arsenic		6.9	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		11	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		9.6	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		6.8	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Nickel		1.4	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium		1.5	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		18	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury	J	0.18	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.

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

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

pH 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



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

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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 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



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

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 Fresno CA, 93725

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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 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:
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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

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



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

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 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

LCS (T2D2709-BS1)

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

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

LCS Dup (T2D2709-BSD1)

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

Selenium		47.9	1.0	µg/L	50.0		95.9	85-115	0.589	20
Zinc		50.8	5.0	"	50.0		102	85-115	1.51	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
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
Cadmium		48.0	0.20	"	50.0		96.1	85-115	0.856	20
Copper		48.8	2.0	"	50.0		97.5	85-115	0.443	20
Molybdenum		47.6	1.0	"	50.0		95.3	85-115	0.791	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
Cadmium		45	0.20	"	50.0	ND	89.7	70-130		20
Molybdenum		58	1.0	"	50.0	6.2	103	70-130		20
Chromium		51	1.0	"	50.0	0.43	101	70-130		20
Copper		47	2.0	"	50.0	0.96	92.1	70-130		20
Arsenic		47	1.0	"	50.0	1.2	91.8	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

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

Selenium		45	1.0	µg/L	50.0	0.73	87.7	70-130		20
Nickel		48	1.0	"	50.0	2.3	91.8	75-125		20
Molybdenum		57	1.0	"	50.0	10	93.7	70-130		20
Zinc	MS3	81	5.0	"	50.0	130	NR	75-125		20
Copper	MS2	230	2.0	"	50.0	8.3	438	70-130		20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130		20
Chromium		59	1.0	"	50.0	0.25	117	70-130		20
Arsenic		53	1.0	"	50.0	1.4	104	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

Molybdenum		58	1.0	µg/L	50.0	6.2	104	70-130	1.64	20
Selenium		42	1.0	"	50.0	0.21	83.6	70-130	4.09	20
Cadmium		46	0.20	"	50.0	ND	92.0	70-130	2.53	20
Zinc		190	5.0	"	50.0	150	79.4	75-125	0.552	20
Arsenic		49	1.0	"	50.0	1.2	96.2	70-130	4.62	20
Nickel		52	1.0	"	50.0	2.3	99.0	75-125	2.90	20
Copper		48	2.0	"	50.0	0.96	94.6	70-130	2.56	20
Chromium		52	1.0	"	50.0	0.43	104	70-130	2.95	20
Lead		46	0.50	"	50.0	ND	91.0	70-130	0.305	20

Matrix Spike Dup (T2D2709-MSD2)

Source: 2D25032-01

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

Lead		46	0.50	µg/L	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
Nickel		48	1.0	"	50.0	2.3	91.2	75-125	0.594	20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130	0.0193	20
Copper	MS2	230	2.0	"	50.0	8.3	435	70-130	0.818	20
Molybdenum		57	1.0	"	50.0	10	92.7	70-130	0.918	20
Selenium		44	1.0	"	50.0	0.73	87.1	70-130	0.647	20
Chromium		58	1.0	"	50.0	0.25	116	70-130	0.817	20
Arsenic		53	1.0	"	50.0	1.4	102	70-130	1.41	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 2024030

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

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

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LOPES	SIGNATURE: <u>[Signature]</u>	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	TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input type="checkbox"/> STANDARD		ANALYSIS REQUESTED

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	SURFACTANTS	D.P	METALS	T.A.		T.D.S.
	CLIENT SAMPLE ID	DATE	TIME	TYPE									
	1 RIO BRAVE	4/24/22	2:00 PM		X	X	X	X	X	X	X	X	
	3505. WILLOW												

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		04/22/22			
			1600	<u>[Signature]</u>	MCD

Sample Integrity Pg 2 of 3 2D24030

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"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Any hold times less than 72hr	<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Client Name	<input checked="" type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Address	<input checked="" type="checkbox"/>
Special Storage/Handling Ins.	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>		
Were bottle custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Were bottle custody seals intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" 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

2DL4030

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		1C	
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			



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

California ELAP Certificate #1371

May 10, 2012

Work Order #: 2D25033

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 2D25033 .

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 Lopez

Reported:
 05/10/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Brave 3350 S. Willow	2D25033-01	Waste Water	04/25/12 12:00	04/25/12 15:55

Analytical Report for Work Order 2D25033

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Brave 3350 S. Willow										
Sampled: 04/25/12 12:00 2D25033-01 (Waste Water)										
Ammonia as N	J	0.86	1.0	0.48	mg/L	1	T2E0908	05/09/12	05/09/12	EPA 350.1
Total Dissolved Solids		680	10	8.1	mg/L	1	T2D2901	04/29/12	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-C1 F
pH		8.0	0.10	0.10	pH Units	1	T2D2606	04/26/12	04/26/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		6.9	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		11	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		7.7	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		6.3	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Nickel		1.3	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium		1.2	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		13	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.

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 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
 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: 05/10/2012
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Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%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 T2D2901

Blank (T2D2901-BLK1)		Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids	B	16.5	10	mg/L						
LCS (T2D2901-BS1)		Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids		256	10	mg/L	240		106	80-120	20	
LCS Dup (T2D2901-BSD1)		Prepared: 04/29/12 Analyzed: 05/02/12								
Total Dissolved Solids		262	10	mg/L	240		109	80-120	2.70 20	
Duplicate (T2D2901-DUP1)		Source: 2D26004-01		Prepared: 04/29/12 Analyzed: 05/02/12						
Total Dissolved Solids		124	10	mg/L		126		2.00	20	

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 T2D2901

Duplicate (T2D2901-DUP2)		Source: 2D26005-01			Prepared: 04/29/12 Analyzed: 05/02/12					
Total Dissolved Solids		384	17	mg/L		374		2.50		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



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:
 05/10/2012

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

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

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
Copper	MS3	81	5.0	"	50.0	130	NR	75-125		20
Arsenic		53	1.0	"	50.0	1.4	104	70-130		20
Copper	MS2	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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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

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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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

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 2025033

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:		<input type="checkbox"/> INVOICE TO:	<input type="checkbox"/> REPORT COPY TO:	REPORTING:
CONTACT: <u>CHRIS COPEZ</u>	CONTACT: <u>L. CORTER</u>	<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: <u>MCWU</u> <input checked="" type="checkbox"/> OTHER:		
COMPANY: <u>3580 S. FRANK</u>	COMPANY: <u>Same</u>			
ADDRESS: <u>FRESNO CA 93725</u>	ADDRESS:			
PHONE: <u>485-7353</u>	PHONE:			
PHONE: <u>485 7319</u>	PHONE:			
FAX:	FAX:			

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): <u>CHRIS COPEZ</u>	SIGNATURE: <u>[Signature]</u>	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	TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input checked="" type="checkbox"/> STANDARD	ANALYSIS REQUESTED <u>AMMONIA</u> <u>CHLORINE</u> <u>SURFACTANTS</u> <u>OP</u> <u>METALS</u> <u>TA</u> <u>TD</u> <u>PH</u>	

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 checked="" type="checkbox"/> AMBIENT TEMP.	<input type="checkbox"/> INCORRECT PRESERVATION	CLIENT SAMPLE ID	DATE	TIME	TYPE							
						<u>1</u>	<u>RIO BRAVE</u>	<u>4/25</u>	<u>12 PM</u>							
							<u>3550s. Willow</u>									

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		<u>07/25/12</u>		<u>[Signature]</u>	
			<u>1555</u>		

2025033

Sample Integrity Pg 2 of 3

Date Received: 04/25/12

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"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Any hold times less than 72hr	<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Client Name	<input checked="" type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Address	<input checked="" type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input 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"/>	<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: 115ml P Preservation: H₂O₂ Init: D

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

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			



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D26043

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 2D26043.

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 "Liz Rutherford". The signature is written in black ink and is positioned above the printed name and title.

Liz Rutherford
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 Lopez

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Brave 3350 S. Willow	2D26043-01	Waste Water	04/26/12 00:00	04/26/12 16:15

Analytical Report for Work Order 2D26043

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Brave 3350 S. Willow										
Sampled: 04/26/12 00:00 2D26043-01 (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		790	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		8.0	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		7.5	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		13	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Copper		7.9	2.0	0.094	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Molybdenum		7.2	1.0	0.025	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Nickel		1.5	1.0	0.039	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Selenium		1.6	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Zinc		12	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	T2E0102	05/01/12	05/01/12	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.
 - 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.



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Project: Malaga 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 T2D2619

Blank (T2D2619-B1.K1)										
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L						
Prepared & Analyzed: 04/26/12										
Duplicate (T2D2619-DUP1)										
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND				20
Source: 2D26041-01 Prepared & Analyzed: 04/26/12										

Batch T2D2703

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



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Project: Malaga 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

I.C.S 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 T2D2704

Blank (T2D2704-BLK1)					Prepared & Analyzed: 04/27/12					
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:
 05/22/2012

Inorganics - Quality Control

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

LCS (T2D2704-BS1)										
Methylene Blue Active Substances		0.948	0.050	mg/L	1.00		94.8	80-120		20
Prepared & Analyzed: 04/27/12										
LCS Dup (T2D2704-BSD1)										
Methylene Blue Active Substances		0.963	0.050	mg/L	1.00		96.3	80-120	1.57	20
Prepared & Analyzed: 04/27/12										
Matrix Spike (T2D2704-MS1)										
Methylene Blue Active Substances		1.60	0.050	mg/L	1.00	0.610	99.0	80-120		20
Source: 2D25029-01 Prepared & Analyzed: 04/27/12										
Matrix Spike (T2D2704-MS2)										
Methylene Blue Active Substances		1.02	0.050	mg/L	1.00	ND	102	80-120		20
Source: 2D26041-01 Prepared & Analyzed: 04/27/12										
Matrix Spike Dup (T2D2704-MSD1)										
Methylene Blue Active Substances		1.55	0.050	mg/L	1.00	0.610	93.8	80-120	3.30	20
Source: 2D25029-01 Prepared & Analyzed: 04/27/12										
Matrix Spike Dup (T2D2704-MSD2)										
Methylene Blue Active Substances		1.03	0.050	mg/L	1.00	ND	103	80-120	0.781	20
Source: 2D26041-01 Prepared & Analyzed: 04/27/12										

Batch T2E0112

Blank (T2E0112-BLK1)										
Total Dissolved Solids		ND	10	mg/L						
Prepared: 05/01/12 Analyzed: 05/03/12										
LCS (T2E0112-BS1)										
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120		20
Prepared: 05/01/12 Analyzed: 05/03/12										
LCS Dup (T2E0112-BSD1)										
Total Dissolved Solids		239	10	mg/L	240		99.6	80-120	0.00	20
Prepared: 05/01/12 Analyzed: 05/03/12										



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

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
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Batch T2E0112

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

Batch T2E1002

Blank (T2E1002-BLK1)				Prepared & Analyzed: 05/10/12					
Ammonia as N		ND	1.0	mg/L					
LCS (T2E1002-BS1)				Prepared & Analyzed: 05/10/12					
Ammonia as N		21.3	1.0	mg/L	22.5	94.6	80-120		20
LCS Dup (T2E1002-BSD1)				Prepared & Analyzed: 05/10/12					
Ammonia as N		21.5	1.0	mg/L	22.5	95.4	80-120	0.842	20

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



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Project: Malaga 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 T2E1020

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 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 T2E0102

Blank (T2E0102-BLK1)		Prepared & Analyzed: 05/01/12								
Mercury		ND	0.20	µg/L						
LCS (T2E0102-BS1)		Prepared & Analyzed: 05/01/12								
Mercury		4.68	0.20	µg/L	5.00		93.5	80-115		20
LCS Dup (T2E0102-BSD1)		Prepared & Analyzed: 05/01/12								
Mercury		4.69	0.20	µg/L	5.00		93.9	80-115	0.363	20
Matrix Spike (T2E0102-MS1)		Source: 2D26043-01 Prepared & Analyzed: 05/01/12								
Mercury		4.81	0.20	µg/L	5.00	ND	96.1	70-125		20
Matrix Spike (T2E0102-MS2)		Source: 2D26044-01 Prepared & Analyzed: 05/01/12								
Mercury		5.04	0.20	µg/L	5.00	ND	101	70-125		20
Matrix Spike Dup (T2E0102-MSD1)		Source: 2D26043-01 Prepared & Analyzed: 05/01/12								
Mercury		4.93	0.20	µg/L	5.00	ND	98.6	70-125	2.55	20
Matrix Spike Dup (T2E0102-MSD2)		Source: 2D26044-01 Prepared & Analyzed: 05/01/12								
Mercury		4.70	0.20	µg/L	5.00	ND	93.9	70-125	7.01	20

Batch T2E0103

Blank (T2E0103-BLK1)		Prepared & Analyzed: 05/01/12								
Molybdenum		ND	1.0	µg/L						
Selenium		ND	1.0	"						
Arsenic		ND	1.0	"						
Cadmium		ND	0.20	"						
Copper	J	0.137	2.0	"						
Lead		ND	0.50	"						
Nickel		ND	1.0	"						
Chromium		ND	1.0	"						
Zinc		ND	5.0	"						



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 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
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Batch T2E0103

LC'S (T2E0103-BS1)		Prepared & Analyzed: 05/01/12								
Cadmium		49.2	0.20	µg/L	50.0		98.4	85-115		20
Arsenic		50.0	1.0	"	50.0		100	85-115		20
Nickel		50.4	1.0	"	50.0		101	85-115		20
Lead		49	0.50	"	50.0		97.1	85-115		20
Selenium		49.9	1.0	"	50.0		99.8	85-115		20
Chromium		50.4	1.0	"	50.0		101	85-115		20
Copper		50.5	2.0	"	50.0		101	85-115		20
Molybdenum		49.5	1.0	"	50.0		99.0	85-115		20
Zinc		52.1	5.0	"	50.0		104	85-115		20

LC'S Dup (T2E0103-BSD1)		Prepared & Analyzed: 05/01/12								
Zinc		52.3	5.0	µg/L	50.0		105	85-115	0.324	20
Selenium		49.9	1.0	"	50.0		99.9	85-115	0.0793	20
Nickel		50.4	1.0	"	50.0		101	85-115	0.0389	20
Chromium		50.4	1.0	"	50.0		101	85-115	0.0853	20
Molybdenum		49.5	1.0	"	50.0		99.1	85-115	0.124	20
Copper		50.1	2.0	"	50.0		100	85-115	0.765	20
Cadmium		49.6	0.20	"	50.0		99.2	85-115	0.874	20
Lead		49	0.50	"	50.0		97.1	85-115	0.0143	20
Arsenic		49.8	1.0	"	50.0		99.7	85-115	0.272	20

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

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

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 (559) 268-0740 Fax

California ELAP Certificate #1371

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

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

Reported:
 05/22/2012

Metals - Dissolved - Quality Control

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

Batch T2E0103

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

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

2026073

Sample Integrity Pg 2 of 3

Date Received: 04/26/12

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

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: Y or N Resolved 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"/>
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Any hold times less than 72hr	<input checked="" type="checkbox"/>
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Client Name	<input checked="" type="checkbox"/>
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Address	<input checked="" type="checkbox"/>
Special Storage/Handling Ins.	<input checked="" type="checkbox"/>	<input 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"/>	<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: _____



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: 1207697

Invoice ID: B122138

Enclosed are the results of analyses for samples received by the laboratory on 4/30/2012. 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

2026043



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BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207697 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14824

California ELAP Certification # 1371

MTA Project # 2D26043

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

12-07697

Sample Comments

Client Sample ID#: Rio Bravo 3350 S. Willow

MTA Sample ID: 2D26043-01 Matrix: Water

Sampled: 04/26/12 12:30

Report Due to Client: 05/10/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/03/12 12:30

Containers Supplied:

1L Amber Glass
Unpreserved (C)

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<i>[Signature]</i>
	SUB-OUT <input type="checkbox"/>

Released By *[Signature]* Date 04/27/12 Received By *[Signature]* Date 4/30/12 8:50

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 1207697 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page	Of
Submission #: <u>12-071097</u>							
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) <u>Geo</u>				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 type="checkbox"/> No <input type="checkbox"/>							
COC Received		Emissivity: <u>0.95</u>		Container: <u>Amber</u>		Thermometer ID: <u>177</u>	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Temperature: A <u>15.2</u> °C / C <u>15.0</u> °C <u>9/30/12</u>		Date/Time <u>4/30/12</u>		Analyst Init <u>MAN</u> 8:50	

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
GENERAL MINERAL/GENERAL PHYSICAL										
PE UNPRESERVED										
INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS										
CYANIDE										
NITROGEN FORMS										
TOTAL SULFIDE										
NITRATE/NITRITE										
TOTAL ORGANIC CARBON										
TOX										
CHEMICAL OXYGEN DEMAND										
PHENOLICS										
0ml VOA VIAL TRAVEL BLANK										
0ml VOA VIAL										
EPA 413.1, 413.2, 418.1										
ODOR										
ADBOLOGICAL										
ACTERIOLOGICAL										
0ml VOA VIAL 504										
EPA 508/608/609										
EPA 515.08150										
EPA 515										
EPA 515 TRAVEL BLANK										
0ml EPA 547										
0ml EPA 531.1										
EPA 548										
EPA 519										
EPA 612										
EPA 801.501										
AMBER										
OZ JAR										
OZ JAR										
UL SLEEVE										
B VIAL										
ASTIC BAG										
BROUS IRON										
CORE										

Comments: _____
 Sample Numbering Completed By: CA/M Date/Time: 4/30/12 0945
 Actual / C = Corrected [H:\DOCS\W\LAB_DOCS\FORMS\SAMREC2.WPD]



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26043
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1207697-01	COC Number: ---	Receive Date: 04/30/2012 08:50
	Project Number: ---	Sampling Date: 04/26/2012 12:30
	Sampling Location: ---	Sample Depth: ---
	Sampling Point: Rio Bravo 3350 S. Willow 2D26043-01	Lab Matrix: Water
	Sampled By: ---	Sample Type: Water

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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 8:16
Project: Water Samples
Project Number: 2D26043
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID:	1207697-01	Client Sample Name:	Rio Bravo 3350 S. Willow 2D26043-01, 4/26/2012 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quais	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	0.088	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	V11	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	V11	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)	115	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/01/12	05/14/12 19:46	CC1	GC-7	1	BVE0780

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26043
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenclorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 142 (LCL - UCL)		

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2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26043
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: BVE0780										
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6		57 - 124		
Chlorpyrifos	BVE0780-BS1	LCS	0.67250	0.80000	ug/L	84.1		66 - 123		
Diazinon	BVE0780-BS1	LCS	1.1545	0.80000	ug/L	144		70 - 122		L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6		66 - 120		
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4		61 - 120		
Stirophos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149		52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1		46 - 142		

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26043
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	Percent Recovery		Lab
								RPD	Percent Recovery	
QC Batch ID: BVE0780		Used client sample: N								
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122 Q03
	MSD	1207076-16	ND	1.2466	0.80000	ug/L	2.1	156	30	70 - 122 Q03
Methyl parathion	MS	1207076-16	ND	0.72600	0.80000	ug/L		90.8		61 - 120
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.9	25	61 - 120
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		56 - 120 Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	56 - 120 Q03
Ronnol (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120
Stirophos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127 Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127 Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		46 - 142

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2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26043
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.
- 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.



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D27050

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 2D27050.

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".

Liz Rutherford
Client Services Assistant



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

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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

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Brave 3580 S Willow	2D27050-01	Waste Water	04/27/12 10:30	04/27/12 16:43

Analytical Report for Work Order 2D27050

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 04/27/12 10:30 2D27050-01 (Waste Water)										
Rio Brave 3580 S Willow										
Ammonia as N		ND	1.0	0.48	mg/L	1	T2E1020	05/10/12	05/11/12	EPA 350.1
Total Dissolved Solids		650	10	8.1	mg/L	1	T2E0311	05/03/12	05/05/12	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		8.0	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances	J	0.038	0.050	0.031	mg/l.	1	T2D3009	04/28/12	04/28/12	SM5540C
Arsenic		7.1	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		12	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Copper		7.5	2.0	0.094	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Molybdenum		6.9	1.0	0.025	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Nickel		1.3	1.0	0.039	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Selenium		2.0	1.0	0.17	µg/L	1	T2E0401	05/04/12	05/07/12	EPA 200.8
Zinc		15	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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 Fresno, CA 93721
 (559) 268-7021 Phone
 (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	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

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

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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 (559) 268-7021 Phone
 (559) 268-0740 Fax

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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 T2E0311

Blank (T2E0311-BLK1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		ND	10	mg/L						
LCS (T2E0311-BS1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		252	10	mg/L	240		105	80-120		20
LCS Dup (T2E0311-BSD1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		248	10	mg/L	240		103	80-120	1.40	20
Duplicate (T2E0311-DUP1)		Source: 2D20002-02 Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		10.5	10	mg/L		10.5			0.00	20
Duplicate (T2E0311-DUP2)		Source: 2D24016-01 Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		204	10	mg/L		209			2.67	20



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

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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 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-BSD1)

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

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.



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:
 05/22/2012

Metals - Dissolved - Quality Control

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

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	1.53	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:
 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)										
Mercury	ND	0.20	µg/L							
LCS (T2E0711-BS1)										
Mercury	4.80	0.20	µg/L	5.00		96.0	80-115		20	
LCS Dup (T2E0711-BSD1)										
Mercury	4.86	0.20	µg/L	5.00		97.2	80-115	1.26	20	
Matrix Spike (T2E0711-MS1)										
Mercury	4.85	0.20	µg/L	5.00	ND	96.9	70-125		20	
Matrix Spike (T2E0711-MS2)										
Mercury	5.05	0.20	µg/L	5.00	ND	101	70-125		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:
 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 #: 2027090
PAGE 1 **OF** 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: H. 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: 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: 559-485-7329	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHRIS LOPES SIGNATURE: [Signature] <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 SP - SURFACE WATER ST - STORM WATER WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
--	--	--	---

LAB USE	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED							
	CLIENT SAMPLE ID	DATE	TIME	TYPE	AMMONIA	CHLORINE	SODIUM	CONTACTANTS	METALS	TA	TDS	PH
	1. RIO BRAVE 3580 S. Willow	1/27										

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
[Signature]				[Signature]	

2027050

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	<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: 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: _____

2027050

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 13 of 13

FL-SC-0003-01 b

Date of Report: 05/22/2012

Julio Morales

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Project: Water Samples
BC Work Order: 1207704
Invoice ID: B122552

Enclosed are the results of analyses for samples received by the laboratory on 4/30/2012. 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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MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14824

California ELAP Certification # 1371

MTA Project # 2D26050

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

12-07704 34

Sample Comments

Client Sample ID#: Inland Star 3146 S. Chestnut

MTA Sample ID: 2D26050-01 Matrix: Water

Sampled: 04/26/12 13:30

Report Due to Client: 05/10/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/03/12 13:30

Containers Supplied:

- 11. Amber Glass
- Unpreserved (A)

-1

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

04/27/12

Released By _____ Date _____

4/30/12 8:50

Received By _____ Date _____

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 1207704 Page 2 of 2

BC LABORATORIES INC. ^{4/13/12} SAMPLE RECEIPT FORM Rev. No. 12 05/24/08 Page 1 of 1

Submission # 2-077044

SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) <u>GEO</u>		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		Containers	
Ice Chest <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		None <input checked="" type="checkbox"/> Containers <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 type="checkbox"/> No <input type="checkbox"/>			
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>Amber</u> Thermometer ID: <u>177</u>	
Temperature: A <u>15.2</u> °C / C <u>15.0</u> °C <u>9/20/12</u>		Date/Time <u>4/20/12</u> Analyst Init <u>MM 8:50</u>	

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										
1oz. NITRATE /NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
100ml VOA VIAL TRAVEL BLANK										
100ml VOA VIAL										
QT EPA 801, 813, 418, 1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 584										
QT EPA 501/601/800										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 531 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 510										
QT EPA 612										
QT EPA 815M										
PT AMBER										
1 OZ. JAR										
1/2 OZ. JAR										
100L SLEEVE										
100ml VIAL										
PLASTIC BAG										
FERROUS IRON										
INCORR										

Comments: _____
 Sample Numbering Completed By: MM Date/Time: 4/20/12 0945
 = Actual / C = Corrected (H:\DOCS\WP\LAB_DOCS\FORMS\SAMREC2.WPD)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26050
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information																				
1207704-01	<table><tr><td>COC Number:</td><td>---</td><td>Receive Date:</td><td>04/30/2012 08:50</td></tr><tr><td>Project Number:</td><td>---</td><td>Sampling Date:</td><td>04/26/2012 13:30</td></tr><tr><td>Sampling Location:</td><td>---</td><td>Sample Depth:</td><td>---</td></tr><tr><td>Sampling Point:</td><td>Inlet Star 3146 S. Chestnut 2D26050-01</td><td>Lab Matrix:</td><td>Water</td></tr><tr><td>Sampled By:</td><td>---</td><td>Sample Type:</td><td>Water</td></tr></table>	COC Number:	---	Receive Date:	04/30/2012 08:50	Project Number:	---	Sampling Date:	04/26/2012 13:30	Sampling Location:	---	Sample Depth:	---	Sampling Point:	Inlet Star 3146 S. Chestnut 2D26050-01	Lab Matrix:	Water	Sampled By:	---	Sample Type:	Water
COC Number:	---	Receive Date:	04/30/2012 08:50																		
Project Number:	---	Sampling Date:	04/26/2012 13:30																		
Sampling Location:	---	Sample Depth:	---																		
Sampling Point:	Inlet Star 3146 S. Chestnut 2D26050-01	Lab Matrix:	Water																		
Sampled By:	---	Sample Type:	Water																		



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

[Handwritten signature]

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26050
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207704-01		Client Sample Name: Inlet Star 3146 S. Chestnut 2D26050-01, 4/26/2012 1:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	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		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	0.088	EPA-8141	ND		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 (Fenclorphos)	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)	64.6	%	50 - 140 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8141	05/01/12	05/17/12 10:17	CC1	GC-7	1.075	BVE0780

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



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26050
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 142 (LCL - UCL)		

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.

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26050
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	Control Limits		Lab
							RPD	RPD	
QC Batch ID: BVE0780									
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6	57 - 124		
Chlorpyrifos	BVE0780-BS1	LCS	0.67250	0.80000	ug/L	84.1	66 - 123		
Diazinon	BVE0780-BS1	LCS	1.1546	0.80000	ug/L	144	70 - 122		L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6	66 - 120		
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127	60 - 120		L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4	61 - 120		
Strophanos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149	52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1	46 - 142		

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D26050
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	Percent RPD	Control Limits		Lab	
								Percent Recovery	RPD		Percent Recovery
QC Batch ID: BVE0780		Used client sample: N									
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120	
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120	
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120	
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120	
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122	Q03
	MSD	1207076-16	ND	1.2465	0.80000	ug/L	2.1	156	30	70 - 122	Q03
Methyl parathion	MS	1207076-16	ND	0.72600	0.80000	ug/L		90.8		61 - 120	
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.9	25	61 - 120	
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		56 - 120	Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	56 - 120	Q03
Ronnol (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120	
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120	
Dithiophos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127	Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142	
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		46 - 142	

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Moore-Twining Associates
2527 Fresno Street
Fresno, CA 93716

Reported: 05/22/2012 8:44
Project: Water Samples
Project Number: 2D28050
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.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.



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

California ELAP Certificate #1371

February 29, 2012

Work Order #: 2B17013

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 2B17013.

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

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

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in cursive script, appearing to read 'Juliane Adams', written over a horizontal line.

Juliane Adams
Laboratory Director



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: Jesse Alvarez

Reported:
02/29/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Bravo 3350 S. Willow	2B17013-01	Waste Water	02/16/12 01:15	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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 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: Jesse Alvarez

Reported:
 02/29/2012

Analytical Report for Work Order 2B17013

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Bravo 3350 S. Willow										
						Sampled: 02/16/12 01:15 2B17013-01 (Waste Water)				
Turbidity		1.0	0.10		NTU	1	T2B1715	02/17/12	02/17/12	EPA 180.1
Specific Conductance (EC)		850	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

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: 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
---------	-------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

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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(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: 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 T2B2103

Duplicate (T2B2103-DUP3)

Source: 2B21011-04

Prepared & Analyzed: 02/21/12

Specific Conductance (EC) 462 1.0 $\mu\text{S}/\text{cm}$ 465 0.647 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.

Sample Integrity

Pg

2 of 3

2617013

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	<u>Walk-In</u>	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	<u>Foam</u>	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 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 No N/A Notified by: _____			
Explanations/Comments			
Report Comment Entered:			

Labeled by: B Checked by: _____

Sample Integrity

Pg 3 of 3

2B17013

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	14		
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			

Page 8 of 3



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

California ELAP Certificate #1371

May 31, 2012

Work Order #: 2E25015

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 2E25015.

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:
 05/31/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Bravo	2E25015-01	Water	05/25/12 00:00	05/25/12 12:33

Analytical Report for Work Order 2E25015

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Bravo										
Sampled: 05/25/12 00:00 2E25015-01 (Water)										
Turbidity		2.1	0.10	0.020	NTU	1	T2E2513	05/25/12	05/25/12	EPA 180.1
Specific Conductance (EC)		450	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.



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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:
 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

CS 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

Sample Integrity

Pg

2 of 3

ZF25015

Date Received:

5/25/12

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

Section 2-Sampled Previously						
Sample Transport:	<u>CAO</u>	<u>UPS</u>	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

ZE25015

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			



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

California ELAP Certificate #1371

July 06, 2012

Work Order #: 2F29011

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 2F29011 .

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:
07/06/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Bravo	2F29011-01	Waste Water	06/29/12 10:00	06/29/12 12:30



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 Work Order 2F29011

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
								Sampled: 06/29/12 10:00 2F29011-01 (Waste Water)			
Turbidity		2.1	0.10	0.020	NTU	1	T2F2922	06/29/12	06/29/12	EPA 180.1	
Specific Conductance (EC)		920	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.



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

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%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 #: 2F29011
PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: CHRIS LOPES	CONTACT: LAURIE 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: M C W D	COMPANY:	
ADDRESS: 3580 S. FRANK FRESNO CA. 93725	ADDRESS: <i>[Handwritten Signature]</i>	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 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"/> 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 WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	--	---

A B U S E	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											
	CLIENT SAMPLE ID	DATE	TIME	TYPE								
	RIO BRAVO	6/29/00										

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		12/29/12	11:30	<i>[Signature]</i>	

Sample Integrity

Page 2 of 3

WO# 2F29011

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 Yes Container: _____ Preservation: _____ Initials: _____

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

Explanations/Comments:

Sample Integrity

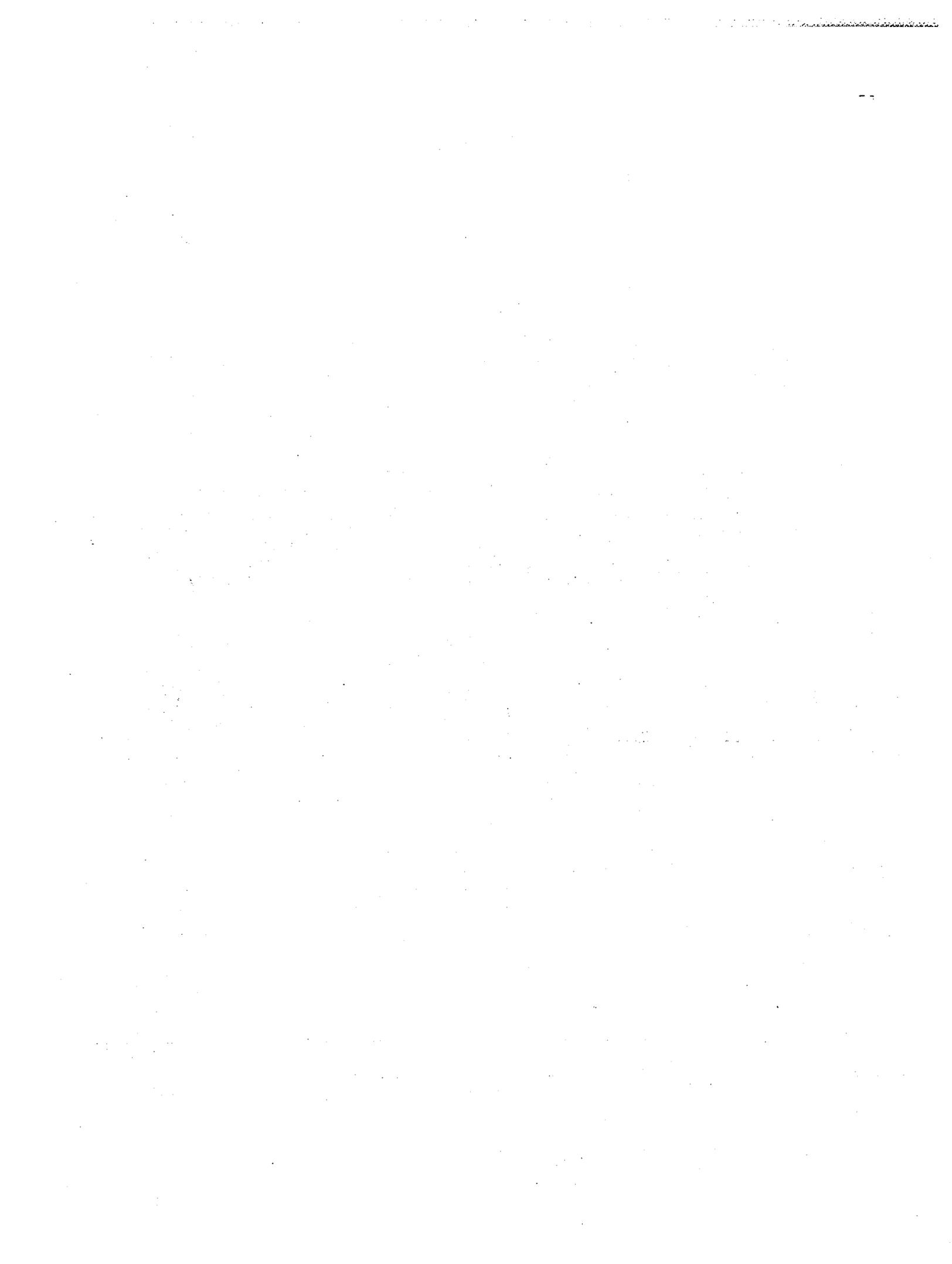
Page 3 of 3

WO# 2F29011

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)																	
Sample(s) Received																				
Bach 100mL Thiocyanate																				
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)																				
Sondran Clear Glass 125mL 250mL 500mL																				
THM 40mL VOA None																				
Plastic Bag																				
Soil Tube																				
Tedlar Bags																				
Stestos IL Plastic																				
Cross Alpha/Beta IL HNO3 each																				
radiological 226/228 IL HNO3 each																				
radon																				
Low Level Hg/Metals Double Bag																				

DUPLICATE





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

California ELAP Certificate #1371

August 07, 2012

Work Order #: 2H01025

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 2H01025.

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
Rio Bravo	2H01025-01	Water	08/01/12 11:00	08/01/12 13:45



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:
 08/07/2012

Analytical Report for Work Order 2H01025

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Sampled: 08/01/12 11:00 2H01025-01 (Water)										
Turbidity		4.2	0.10	0.020	NTU	1	T2H0111	08/01/12	08/01/12	EPA 180.1
Specific Conductance (EC)		970	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.
 - µg/L: micrograms per liter (parts per billion concentration units)
 - mg/L: milligrams per liter (parts per million concentration units)
 - mg/kg: milligrams per kilogram (parts per million concentration units)
 - ND: Analyte NOT DETECTED at or above the reporting limit
 - RPD: Relative Percent Difference
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%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	20
Duplicate (T2H0111-DUP1) Source: 2G31002-01 Prepared & Analyzed: 08/01/12										
Turbidity		6.28	0.10	NTU		6.20			1.28	20

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	20
Duplicate (T2H0212-DUP1) Source: 2H01014-01 Prepared & Analyzed: 08/02/12										
Specific Conductance (EC)		1280	1.0	µS/cm		1280			0.0780	20
Duplicate (T2H0212-DUP2) Source: 2H01029-01 Prepared & Analyzed: 08/02/12										
Specific Conductance (EC)		4270	1.0	µS/cm		4270			0.00	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: _____
 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# 2401025

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bacter 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 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 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/Metal Double Bag			

Page 6 of 6



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

California ELAP Certificate #1371

September 10, 2012

Work Order #: 2H31008

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 2H31008.

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:
09/10/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Bravo 3350 S. Willow	2H31008-01	Water	08/30/12 09:45	08/31/12 11:45



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:
 09/10/2012

Analytical Report for Work Order 2H31008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Bravo 3350 S. Willow							Sampled: 08/30/12 09:45 2H31008-01 (Water)			
Turbidity		2.4	0.10	0.020	NTU	1	T2H3117	08/31/12	08/31/12	EPA 180.1
Specific Conductance (EC)		900	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.
 - µg/L: micrograms per liter (parts per billion concentration units)
 - mg/L: milligrams per liter (parts per million concentration units)
 - mg/kg: milligrams per kilogram (parts per million concentration units)
 - ND: Analyte NOT DETECTED at or above the reporting limit
 - RPD: Relative Percent Difference
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

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

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	20
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	20
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 2471008

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LOPES	ATTENTION: L. CORTEZ	<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: MALAGA C.W.D.	NAME:	
ADDRESS: 3580 S. FRANK ST.	ADDRESS: Santa	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7319	FAX:	

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

LAB USE	NOTES ON RECEIVED CONDITION:				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												
	RIO BRAVO	8/30														
	3350		0945													
	S. Willow															
	FRESNO CA. 93725															

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopes</i>		08/31/12	1145	<i>J</i>	<i>MTA</i>

Sample Integrity

Page 2 of 3

WO# 2431008

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	<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 No Container: _____ Preservation: _____ Initials: _____
 Was Client Service Supervisor notified of discrepancies: Yes or No N/A Notified by: _____
 Explanations/Comments:

Labeled by: _____ Checked by: _____



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

California ELAP Certificate #1371

October 12, 2012

Work Order #: 2J09022

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 2J09022.

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:
10/12/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Bravo 3350 S. Willow Fresno CA 93725	2J09022-01	Waste Water	10/09/12 10:15	10/09/12 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:
 10/12/2012

Analytical Report for Work Order 2J09022

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Bravo 3350 S. Willow Fresno CA 93725						Sampled: 10/09/12 10:15 2J09022-01 (Waste Water)				
Turbidity		4.4	0.10	0.020	NTU	1	T2J0907	10/09/12	10/09/12	EPA 180.1
Specific Conductance (EC)		1000	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.
 - µg/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
 If the test was performed in the laboratory, the hold time was exceeded.

Inorganics - Quality Control

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



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 #: 2J09022
PAGE 1 **OF** 3

REPORT TO:

INVOICE TO: REPORT COPY TO:

REPORTING :

ATTENTION: DAVIS LOPES	ATTENTION: L. CORTEZ	<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: MALAGA C.W.D	NAME: _____	
ADDRESS: 3580 S. FRANK ST	ADDRESS: SOUTH	
PHONE: 559/185 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 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: _____
--	--	---	---

L A 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														
	RIO BRAVO	10/9	1015															
	3350																	
	S. WILLOW																	
	FRESNO CA. 93725																	

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		10/9/12	1410	<i>[Signature]</i>	MTA

Sample Integrity

Page 2 of 3 WO# 2J09022 Date Received: 12/09/02

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# 2509022

MTA Bottles: or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received			
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			



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

California ELAP Certificate #1371

August 17, 2012

Work Order #: 2H07024

Chris Lopes
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 08/07/12 . For your reference, these analyses have been assigned laboratory work order number 2H07024 .

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 Water Department
Project Number: Analytical Services
Project Manager: Chris Lopes

Reported:
08/17/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Brave \ 3350 S. Willow	2H07024-01	Water	08/07/12 11:00	08/07/12 12:48



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 Water Department
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 08/17/2012

Analytical Report for Work Order 2H07024

Analyte	Qual	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rio Brave \ 3350 S. Willow Sampled: 08/07/12 11:00 2H07024-01 (Water)										
Chromium		14	1.0	0.17	µg/L	1	T2H1303	08/13/12	08/14/12	EPA 200.8
Copper		17	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.

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



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

WORK ORDER #:
PAGE 1 OF 3 2107024

REPORT TO:

INVOICE TO: REPORT COPY TO:

REPORTING:

ATTENTION: CHAS LOPES	ATTENTION: L. CORTZ	<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: MARIAGA COUNTY W.D.	NAME:	
ADDRESS: 3580 S FRANK	ADDRESS:	
PHONE: FRESNO CA. 93725	PHONE:	
FAX: 559 485 7353	FAX:	

SAMPLE INFORMATION SAMPLED BY (PRINT): CHAS 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 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:				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											
	RIO BRAVO	8/7/12	11AM		<i>Chromium</i>										
	3350 S WILLOW				<i>Copper</i>										
	FRESNO CA. 93725														

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		08/07/12	1248	<i>[Signature]</i>	

Sample Integrity

Page 2 of 3 WO# 2H07023 Date Received: 08/07/12

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	/		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: _____

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

Explanations/Comments:

Sample Integrity

Page 3 of 3

WO# 2407024

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)
Sample(s) Received	1		
Bach 100mL Thioculfate			
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 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 Clear Glass 125mL 250mL 500mL			
THM 40mL VOA None			
Plastic Bag			
Soil Tube			
Soil Bag			
Besto 1L Plastic			
Cross Alpha/Beta 1L HNO3 each			
Adion 220/228 1L HNO3 each			
Adon			
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 15, 2012

Work Order #: 2K06035

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 2K06035.

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:
11/15/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rio Bravo 3350 S. Willow Fresno CA 93725	2K06035-01	Waste Water	11/06/12 11:00	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 2K06035

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
Rio Bravo 3350 S. Willow Fresno CA 93725						Sampled: 11/06/12 11:00 2K06035-01 (Waste Water)					
Turbidity		5.0	0.10	0.020	NTU	1	T2K0711	FSz	11/7/12 10:37	11/7/12 12:44	EPA 180.1
Specific Conductance (EC)		350	1.0	1.0	µS/cm	1	T2K0626	DAR	11/6/12 19:56	11/7/12 2:46	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.



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

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

Sample Integrity

Page 2 of 3 WO# 2K04035 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"/>	<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 type="checkbox"/>	<input checked="" type="checkbox"/>	Telephone #	<input checked="" type="checkbox"/>	<input type="checkbox"/>

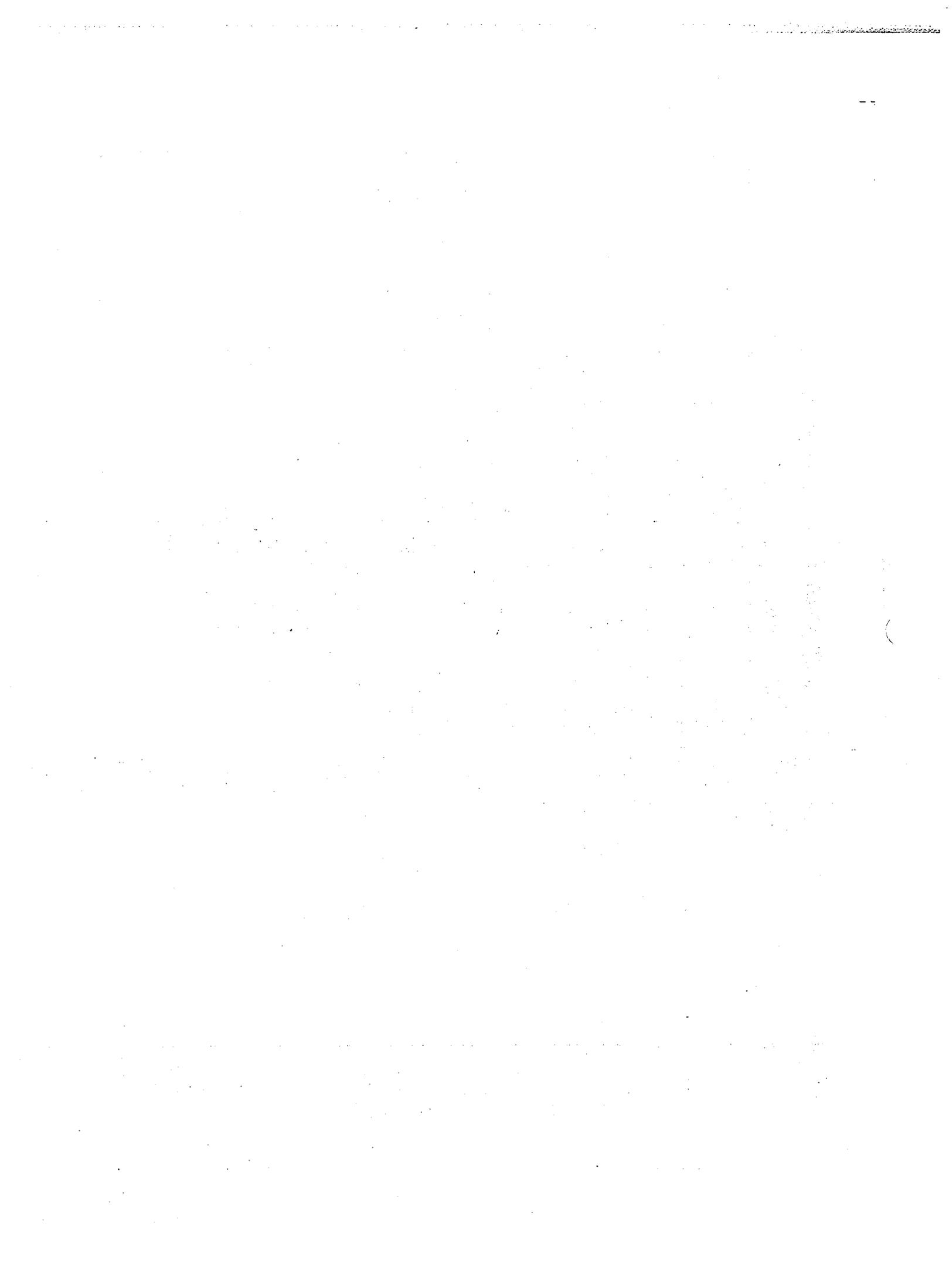
Section 4-Bottles/Analysis

	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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles Received with VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Section 5-Comment/Discrepancies

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

December 05, 2012

Work Order #: 2L03057

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 2L03057.

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
Rio Bravo 3350 S. Willow Fresno CA 93725	2L03057-01	Waste Water	12/03/12 09:00	12/03/12 16:50



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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:
 12/05/2012

Analytical Report for Work Order 2L03057

Analyte	Flag	Result	Reporting Limit	MDL	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Method
Rio Bravo 3350 S. Willow Fresno CA 93725											
						Sampled: 12/03/12 09:00 2L03057-01 (Waste Water)					
Turbidity		3.4	0.10	0.020	NTU	1	T2L0404	FSz	12/4/12 9:37	12/4/12 9:37	EPA 180.1
Specific Conductance (EC)		990	1.0	0.26	µS/cm	1	T2L0405	DAR	12/4/12 18:45	12/4/12 18:45	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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 (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

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



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

2L03057

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: CHRIS LAPES	ATTENTION: LALRIE 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: MCD
NAME: MARIANA COUNTY W.D.	NAME:	
ADDRESS: 3580 S. FRANK	ADDRESS:	
FRESNO CA. 93725	PHONE:	
PHONE: 559 488 7353	FAX:	
FAX: 559 705 7319		

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): CHRIS LAPES	SIGNATURE: <i>Chris Lapes</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	LIVID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER	PROJECT :
<input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT	TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON:		PROJECT NUMBER:
<input type="checkbox"/> STANDARD			PROJECT MANAGER:

A B U S E	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 type="checkbox"/> AMBIENT TEMP.	<input type="checkbox"/> INCORRECT PRESERVATION							
	CLIENT SAMPLE ID	DATE	TIME	TYPE								
	1 RIO BRAVO	12/3	9AM	WW								
	3350			WW								
	S. Willow											
	FRESNO CA 93725											

E.C. TURBIDITY

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lapes</i>		12/3/12	1050	<i>[Signature]</i>	

Sample Integrity

Page 2 of 3 WO# 2L03051 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	<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:

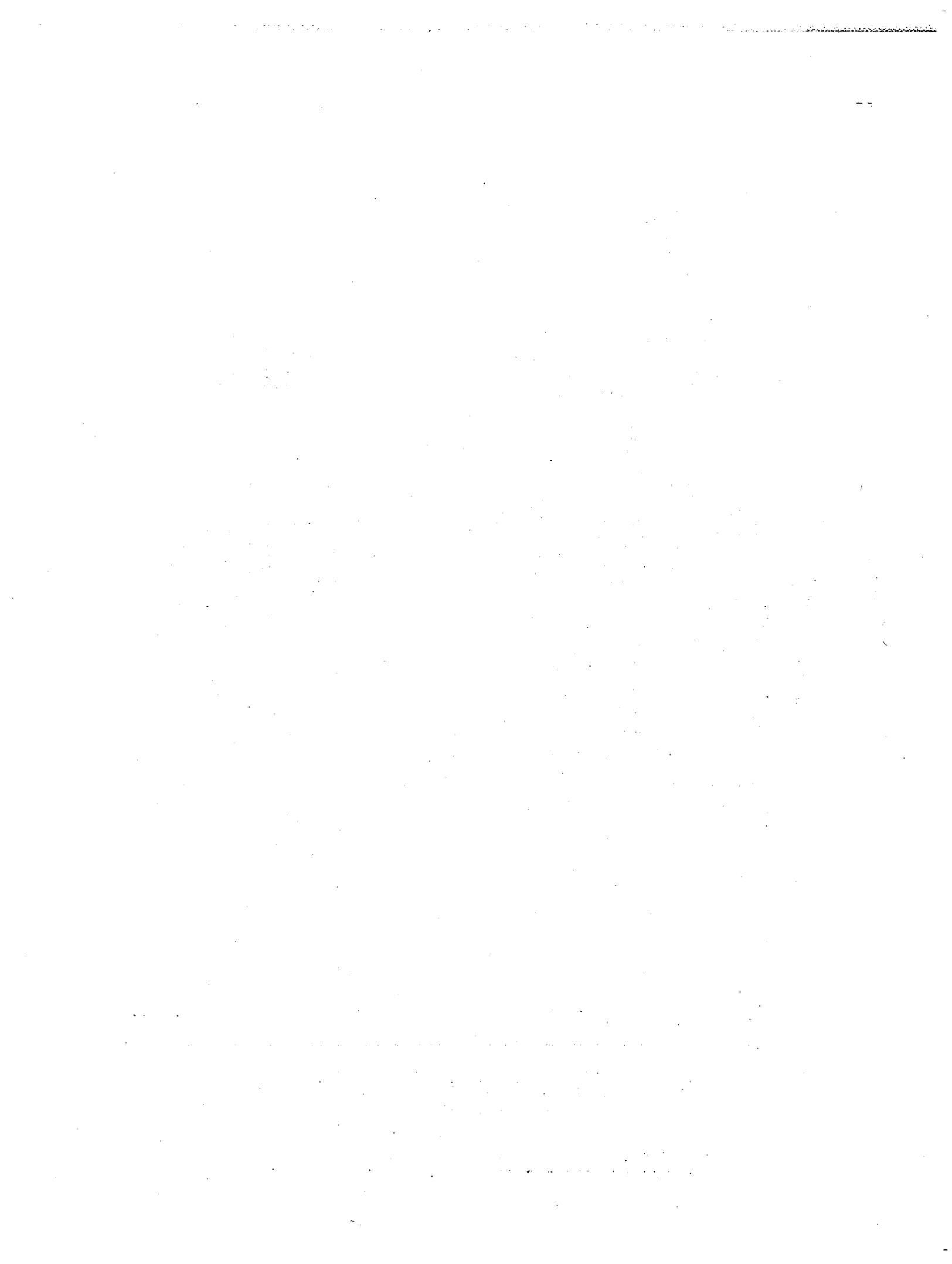
Sample Integrity

Page 3 of 3

WO# 2L03057

MTA Bottles: Yes or No

Plastic 125mL (A)	Plastic 250mL (B)	Plastic 1L (C)	Amber Glass (AG)										
Sample(s) Received	1												
Bacteriological Thiocyanate													
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

May 09, 2012

Work Order #: 2D24032

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 04/24/12 . For your reference, these analyses have been assigned laboratory work order number 2D24032 .

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 Lopez

Reported:
 05/09/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn 3366 E. Muscat	2D24032-01	Waste Water	04/24/12 13:13	04/24/12 17:33

Analytical Report for Work Order 2D24032

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rock Tenn 3366 E. Muscat										
Sampled: 04/24/12 13:13 2D24032-01 (Waste Water)										
Ammonia as N		1.7	1.0	0.48	mg/L	1	T2E0805	05/08/12	05/08/12	EPA 350.1
Total Dissolved Solids		420	10	8.1	mg/L	1	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		8.4	0.10	0.10	pH Units	1	T2D2507	04/25/12	04/25/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2611	04/26/12	04/26/12	SM5540C
Arsenic		5.1	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		8.8	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		190	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		5.0	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Nickel	J	0.77	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium	J	0.50	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		37	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury	J	0.13	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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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:
 05/09/2012

Inorganics - Quality Control

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

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

pH 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



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

Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: 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
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

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



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 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 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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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 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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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:
 05/09/2012

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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Project: Malaga Sewer Plant
 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

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

California ELAP Certificate #1371

 Malaga County Water District
 3580 S. Frank
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 Project: Malaga Sewer Plant
 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

Sample Integrity

Pg

2 of 3

2024032

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 type="checkbox"/>	<input checked="" 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

2DL4032

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			

RockTenn



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

California ELAP Certificate #1371

May 10, 2012

Work Order #: 2D25034

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 2D25034 .

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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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

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn 3366 E. Muscat	2D25034-01	Waste Water	04/25/12 12:30	04/25/12 15:55

Analytical Report for Work Order 2D25034

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
Rock Tenn 3366 E. Muscat											
								Sampled: 04/25/12 12:30 2D25034-01 (Waste Water)			
Ammonia as N	J	0.80	1.0	0.48	mg/L	1	T2E0908	05/09/12	05/09/12	EPA 350.1	
Total Dissolved Solids		450	10	8.1	mg/L	1	T2D2901	04/29/12	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-C1 F	
pH		8.3	0.10	0.10	pH Units	1	T2D2606	04/26/12	04/26/12	SM4500-H B	
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C	
Arsenic		5.0	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		8.9	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Copper		140	2.0	0.094	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Lead	J	0.038	0.50	0.029	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Molybdenum		4.7	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Nickel	J	0.94	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Selenium	J	0.76	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Zinc		38	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8	
Mercury	J	0.093	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.

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 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



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Malaga County Water District
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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 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 T2D2901

Blank (T2D2901-BLK1) Prepared: 04/29/12 Analyzed: 05/02/12										
Total Dissolved Solids	B	16.5	10	mg/L						
LCS (T2D2901-BS1) Prepared: 04/29/12 Analyzed: 05/02/12										
Total Dissolved Solids		256	10	mg/L	240		106	80-120		20
LCS Dup (T2D2901-BSD1) Prepared: 04/29/12 Analyzed: 05/02/12										
Total Dissolved Solids		262	10	mg/L	240		109	80-120	2.70	20
Duplicate (T2D2901-DUP1) Source: 2D26004-01 Prepared: 04/29/12 Analyzed: 05/02/12										
Total Dissolved Solids		124	10	mg/L		126			2.00	20

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 T2D2901

Duplicate (T2D2901-DUP2)	Source: 2D26005-01	Prepared: 04/29/12	Analyzed: 05/02/12			
Total Dissolved Solids	384	17	mg/L	374	2.50	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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 Fresno, CA 93721
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 (559) 268-0740 Fax

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Project: Malaga Sewer Plant
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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 Limits	RPD	RPD Limit
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Batch T2D2709

Blank (T2D2709-BLK1)

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

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

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
Nickel		49.2	1.0	"	50.0	98.4	85-115		20
Selenium		48.2	1.0	"	50.0	96.5	85-115		20
Lead		48	0.50	"	50.0	95.6	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
Arsenic		48.5	1.0	"	50.0	96.9	85-115		20
Chromium		49.4	1.0	"	50.0	98.8	85-115		20
Zinc		51.6	5.0	"	50.0	103	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
Nickel		48.6	1.0	"	50.0	97.2	85-115	1.26	20
Arsenic		48.5	1.0	"	50.0	96.9	85-115	0.0210	20
Cadmium		48.0	0.20	"	50.0	96.1	85-115	0.856	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
Chromium		49.3	1.0	"	50.0	98.6	85-115	0.214	20
Lead		48	0.50	"	50.0	95.1	85-115	0.590	20
Molybdenum		47.6	1.0	"	50.0	95.3	85-115	0.791	20

California ELAP Certificate #1371

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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

Cadmium		45	0.20	µg/L	50.0	ND	89.7	70-130		20
Zinc		190	5.0	"	50.0	150	77.3	75-125		20
Selenium		40	1.0	"	50.0	0.21	80.2	70-130		20
Arsenic		47	1.0	"	50.0	1.2	91.8	70-130		20
Nickel		50	1.0	"	50.0	2.3	96.0	75-125		20
Chromium		51	1.0	"	50.0	0.43	101	70-130		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

Matrix Spike (T2D2709-MS2)

Source: 2D25032-01

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

Zinc	MS3	81	5.0	µg/L	50.0	130	NR	75-125		20
Selenium		45	1.0	"	50.0	0.73	87.7	70-130		20
Arsenic		53	1.0	"	50.0	1.4	104	70-130		20
Chromium		59	1.0	"	50.0	0.25	117	70-130		20
Nickel		48	1.0	"	50.0	2.3	91.8	75-125		20
Copper	MS2	230	2.0	"	50.0	8.3	438	70-130		20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130		20
Lead		46	0.50	"	50.0	0.13	90.9	70-130		20
Molybdenum		57	1.0	"	50.0	10	93.7	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
Molybdenum		58	1.0	"	50.0	6.2	104	70-130	1.64	20
Nickel		52	1.0	"	50.0	2.3	99.0	75-125	2.90	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
Copper		48	2.0	"	50.0	0.96	94.6	70-130	2.56	20
Selenium		42	1.0	"	50.0	0.21	83.6	70-130	4.09	20
Lead		46	0.50	"	50.0	ND	91.0	70-130	0.305	20
Cadmium		46	0.20	"	50.0	ND	92.0	70-130	2.53	20



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

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Project: Malaga Sewer Plant
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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					
Chromium		58	1.0	µg/L	50.0	0.25	116	70-130	0.817	20
Selenium		44	1.0	"	50.0	0.73	87.1	70-130	0.647	20
Nickel		48	1.0	"	50.0	2.3	91.2	75-125	0.594	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
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
Lead		46	0.50	"	50.0	0.13	91.4	70-130	0.514	20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130	0.0193	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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 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
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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
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2025034

Sample Integrity

Pg 2 of 3

Date Received: 8/25/12

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 type="checkbox"/>	<input checked="" 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"/>		
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"/>		
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: 125mL Preservation: At 20°C Init: [Signature]

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

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D26044

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 2D26044.

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.

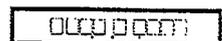
If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in cursive script, appearing to read "Liz Rutherford".

Liz Rutherford
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 Lopez

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn 3366 E. Muscat	2D26044-01	Waste Water	04/26/12 12:00	04/26/12 16:15

Analytical Report for Work Order 2D26044

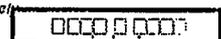
Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rock Tenn 3366 E. Muscat										
Sampled: 04/26/12 12:00 2D26044-01 (Waste Water)										
Ammonia as N		ND	1.0	0.48	mg/L	1	T2E1020	05/10/12	05/11/12	EPA 350.1
Total Dissolved Solids		290	200	160	mg/L	20	T2E0112	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		8.3	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		5.8	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		9.2	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Copper		200	2.0	0.094	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Lead	J	0.042	0.50	0.029	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Molybdenum		5.6	1.0	0.025	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Nickel	J	0.77	1.0	0.039	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Selenium	J	0.79	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Zinc		41	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	T2E0102	05/01/12	05/01/12	EPA 245.1

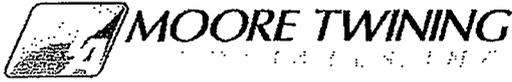
Notes and Definitions

- 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.
- 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

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

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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:
 05/22/2012

Inorganics - Quality Control

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

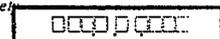
Blank (T2D2619-B1.K1)									
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L					
Prepared & Analyzed: 04/26/12									
Duplicate (T2D2619-DUP1)									
Chlorine Residual (In Lab Analysis)		ND	0.10	mg/L		ND			20
Source: 2D26041-01 Prepared & Analyzed: 04/26/12									

Batch T2D2703

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

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

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Project: Malaga 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

Prepared & Analyzed: 04/27/12										
I.CS Dup (T2D2703-BSD4)										
pH		6.99	0.10	pH Units	7.00		99.9	80-120	0.80	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 T2D2704

Prepared & Analyzed: 04/27/12										
Blank (T2D2704-BLK1)										
Methylene Blue Active Substances		ND	0.050	mg/L						

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

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

California ELAP Certificate #1371

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

Inorganics - Quality Control

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

Batch T2D2704

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
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 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

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Project: Malaga 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 T2E0112

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

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
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

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 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
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Batch T2E0102

Blank (T2E0102-BLK1)		Prepared & Analyzed: 05/01/12								
Mercury		ND	0.20	µg/L						
LCS (T2E0102-BST)		Prepared & Analyzed: 05/01/12								
Mercury		4.68	0.20	µg/L	5.00		93.5	80-115		20
LCS Dup (T2E0102-BSD1)		Prepared & Analyzed: 05/01/12								
Mercury		4.69	0.20	µg/L	5.00		93.9	80-115	0.363	20
Matrix Spike (T2E0102-MS1)		Source: 2D26043-01 Prepared & Analyzed: 05/01/12								
Mercury		4.81	0.20	µg/L	5.00	ND	96.1	70-125		20
Matrix Spike (T2E0102-MS2)		Source: 2D26044-01 Prepared & Analyzed: 05/01/12								
Mercury		5.04	0.20	µg/L	5.00	ND	101	70-125		20
Matrix Spike Dup (T2E0102-MSD1)		Source: 2D26043-01 Prepared & Analyzed: 05/01/12								
Mercury		4.93	0.20	µg/L	5.00	ND	98.6	70-125	2.55	20
Matrix Spike Dup (T2E0102-MSD2)		Source: 2D26044-01 Prepared & Analyzed: 05/01/12								
Mercury		4.70	0.20	µg/L	5.00	ND	93.9	70-125	7.01	20

Batch T2E0103

Blank (T2E0103-BLK1)		Prepared & Analyzed: 05/01/12								
Molybdenum		ND	1.0	µg/L						
Arsenic		ND	1.0	"						
Chromium		ND	1.0	"						
Cadmium		ND	0.20	"						
Nickel		ND	1.0	"						
Copper	J	0.137	2.0	"						
Lead		ND	0.50	"						
Zinc		ND	5.0	"						
Selenium		ND	1.0	"						

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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
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Batch T2E0103

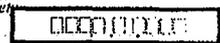
LC'S (T2E0103-BS1)		Prepared & Analyzed: 05/01/12								
Chromium		50.4	1.0	µg/L	50.0	101	85-115			20
Cadmium		49.2	0.20	"	50.0	98.4	85-115			20
Lead		49	0.50	"	50.0	97.1	85-115			20
Molybdenum		49.5	1.0	"	50.0	99.0	85-115			20
Nickel		50.4	1.0	"	50.0	101	85-115			20
Selenium		49.9	1.0	"	50.0	99.8	85-115			20
Arsenic		50.0	1.0	"	50.0	100	85-115			20
Zinc		52.1	5.0	"	50.0	104	85-115			20
Copper		50.5	2.0	"	50.0	101	85-115			20

LC'S Dup (T2E0103-BS1)		Prepared & Analyzed: 05/01/12								
Arsenic		49.8	1.0	µg/L	50.0	99.7	85-115	0.272		20
Zinc		52.3	5.0	"	50.0	105	85-115	0.324		20
Nickel		50.4	1.0	"	50.0	101	85-115	0.0389		20
Cadmium		49.6	0.20	"	50.0	99.2	85-115	0.874		20
Copper		50.1	2.0	"	50.0	100	85-115	0.765		20
Selenium		49.9	1.0	"	50.0	99.9	85-115	0.0793		20
Chromium		50.4	1.0	"	50.0	101	85-115	0.0853		20
Lead		49	0.50	"	50.0	97.1	85-115	0.0143		20
Molybdenum		49.5	1.0	"	50.0	99.1	85-115	0.124		20

Matrix Spike (T2E0103-MS1)		Source: 2D26051-01		Prepared & Analyzed: 05/01/12						
Nickel		47	1.0	µg/L	50.0	0.23	94.0	75-125		20
Cadmium		49	0.20	"	50.0	ND	97.8	70-130		20
Molybdenum		55	1.0	"	50.0	3.5	104	70-130		20
Arsenic		55	1.0	"	50.0	6.9	95.7	70-130		20
Lead		46	0.50	"	50.0	ND	91.9	70-130		20
Copper		48	2.0	"	50.0	1.7	92.2	70-130		20
Chromium		49	1.0	"	50.0	0.38	96.6	70-130		20
Zinc		48	5.0	"	50.0	ND	96.4	75-125		20
Selenium		44	1.0	"	50.0	ND	87.8	70-130		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:
 05/22/2012

Metals - Dissolved - Quality Control

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

Batch T2E0103

Matrix Spike (T2E0103-MS2)

Source: 2D30056-01

Prepared & Analyzed: 05/01/12

Nickel		49	1.0	µg/L	50.0	0.54	97.4	75-125		20
Selenium		47	1.0	"	50.0	ND	93.8	70-130		20
Zinc		52	5.0	"	50.0	4.2	96.1	75-125		20
Lead		46	0.50	"	50.0	0.19	92.3	70-130		20
Molybdenum		54	1.0	"	50.0	2.2	104	70-130		20
Copper		50	2.0	"	50.0	2.3	95.4	70-130		20
Arsenic		52	1.0	"	50.0	3.3	98.3	70-130		20
Chromium		51	1.0	"	50.0	0.38	102	70-130		20
Cadmium		49	0.20	"	50.0	ND	98.9	70-130		20

Matrix Spike Dup (T2E0103-MSD1)

Source: 2D26051-01

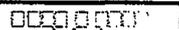
Prepared & Analyzed: 05/01/12

Lead		46	0.50	µg/L	50.0	ND	91.3	70-130	0.631	20
Arsenic		55	1.0	"	50.0	6.9	96.5	70-130	0.697	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
Chromium		49	1.0	"	50.0	0.38	98.1	70-130	1.56	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
Zinc		48	5.0	"	50.0	ND	96.2	75-125	0.206	20
Copper		49	2.0	"	50.0	1.7	93.9	70-130	1.78	20

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #:
PAGE 1 OF 2 2026044

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:
COMPANY: MCWD	COMPANY:	
ADDRESS: 350 S. FRANK	ADDRESS: SAME	
FRESNO CA 93725		
PHONE: 559 485-7353	PHONE:	
FAX: 559 485-7319	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"/> SPECIAL		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:
--	--	--	---

TURN AROUND TIME: RUSH, DUE ON: STANDARD

NOTES ON RECEIVED CONDITION:

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

ANALYSIS REQUESTED

AMMONIA
PHOSPHORUS
SULFATE
OP
METALS
TA
FDS
PIL

LAB USE	CLIENT SAMPLE ID	DATE	TIME	TYPE	LAB USE
	1	Rock TERN 3366 E. MUSCAT	4/26		

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
		6/26/12	1:15	<i>[Signature]</i>	



2026044

Sample Integrity Pg 2 of 3

Date Received: 04/26/12

Section 1-Sampled Same Day
 Sample Transport: Walk In MTA Courier Transported In: Ice Chest ROX Hand
 Has Chilling Begun? 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 type="checkbox"/>	<input checked="" 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: 17003 Init: JH

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

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

2026044

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			



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: 1207698
Invoice ID: B122139

Enclosed are the results of analyses for samples received by the laboratory on 4/30/2012. 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

Page 1 of 10

2026044



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Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1207698 Page 1 of 2



MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14824

California ELAP Certification # 1371

MTA Project # 2D26044

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

12-07698

RECEIVING LABORATORY:

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

Sample Comments

Client Sample ID#: Rock Tenn 3366 E. Muscat

MTA Sample ID: 2D26044-01 Matrix: Water

Sampled: 04/26/12 12:00

Report Due to Client: 05/10/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/03/13 12:00

Containers Supplied:

1L Amber Glass
Unpreserved (C)

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<input type="checkbox"/>
	SUB-OUT <input type="checkbox"/>

<i>[Signature]</i>	04/27/12	<i>[Signature]</i>	4/30/12 8:50
Released By	Date	Received By	Date

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 1207698 Page 2 of 2

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page / 01/

Submission # 2-071028

SHIPPING INFORMATION
 Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) GSO

SHIPPING CONTAINER
 Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO
 Emisivity: 0.95 Container: Amber Thermometer ID: 177 Date/Time: 4/30/12
 Temperature: A 15.2 °C / C 15.0 °C 9/20/12 Analyst Initials: MMW 8:50

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/GENERAL PHYSICAL										
PT PE UNPRESERVED										
YT INORGANIC CHEMICAL METALS										
IT INORGANIC CHEMICAL METALS										
IT CYANIDE										
IT NITROGEN FORMS										
IT TOTAL SULFIDE										
DL NITRATE/NITRITE										
IT TOTAL ORGANIC CARBON										
IT TOX										
IT CHEMICAL OXYGEN DEMAND										
IA PHENOLICS										
0ml VOA VIAL TRAVEL BLANK										
0ml VOA VIAL										
IT EPA 811, 413, 418										
IT ODOR										
ADIOLOGICAL										
ACTERIOLOGICAL										
0ml VOA VIAL 504										
IT EPA 301/601/808										
IT EPA 415/1/150										
IT EPA 515										
IT EPA 515 TRAVEL BLANK										
0ml EPA 547										
0ml EPA 531.1										
IT EPA 518										
IT EPA 519										
IT EPA 612										
IT EPA 815M										
IT AMBER										
IT Z JAR										
IT Z JAR										
IT SLEEVE										
IT VIAL										
IT ASTIC BAG										
IT BROS/IRON										
IT CORE										

Comments: _____
 Sample Numbering Completed By: CA/M Date/Time: 4/30/12 0945
 Actual / C = Corrected [I:\DOCS\W\LAB_DOCS\FORMS\SAHREC2.WPO]

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Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26044
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207698-01	COC Number:	---	Receive Date:	04/30/2012 08:50
	Project Number:	---	Sampling Date:	04/26/2012 12:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Rock Tenn 3366 E. Muscat 2D26044-01	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26044
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207698-01		Client Sample Name: Rock Tenn 3366 E. Muscat 2D26044-01, 4/26/2012 12:00:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quais	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
Coumephos	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	0.088	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	V11	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
Strophos (Tetrachlorvinphos)	ND	ug/L	0.20	0.046	EPA-8141	ND	V11	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)	113	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-8141	05/01/12	05/14/12 20:11	CC1	GC-7	1.087	8VE0780



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26044
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disulfoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 142 (LCL - UCL)		

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26044
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spk Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BVE0780										
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6		57 - 124		
Chlorpyrifos	BVE0780-BS1	LCS	0.87250	0.80000	ug/L	84.1		68 - 123		
Diazinon	BVE0780-BS1	LCS	1.1545	0.80000	ug/L	144		70 - 122		L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6		66 - 120		
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4		61 - 120		
Stirophos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149		52 - 131		L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1		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 8:16
Project: Water Samples
Project Number: 2D26044
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 Quails	
								Percent Recovery	RPD		Percent Recovery
QC Batch ID: BVE0780		Used client sample: N									
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120	
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120	
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120	
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120	
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122	Q03
	MSD	1207076-16	ND	1.2465	0.80000	ug/L	2.1	156	30	70 - 122	Q03
Methyl parathion	MS	1207076-16	ND	0.72600	0.80000	ug/L		90.8		61 - 120	
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.9	25	61 - 120	
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		56 - 120	Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	56 - 120	Q03
Ronnel (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120	
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120	
Stirophos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127	Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142	
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		46 - 142	

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:16
Project: Water Samples
Project Number: 2D26044
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.
- 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.

Rock Tenn



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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D27051

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 2D27051.

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".

Liz Rutherford
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:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn 3366 E Muscat	2D27051-01	Waste Water	04/27/12 10:00	04/27/12 15:15

Analytical Report for Work Order 2D27051

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rock Tenn 3366 E Muscat										
								Sampled: 04/27/12 10:00 2D27051-01 (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		400	10	8.1	mg/L	1	T2E0311	05/03/12	05/05/12	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		8.4	0.10	0.10	pH Units	1	T2D2703	04/27/12	04/27/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D3009	04/28/12	04/28/12	SM5540C
Arsenic		4.5	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		8.7	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Copper		240	2.0	0.094	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Lead		ND	0.50	0.029	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Molybdenum		4.4	1.0	0.025	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Nickel	J	0.72	1.0	0.039	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Selenium	J	0.94	1.0	0.17	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Zinc		39	5.0	3.0	µg/L	1	T2E0103	05/01/12	05/01/12	EPA 200.8
Mercury	J	0.14	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.



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:
 05/22/2012

Inorganics - Quality Control

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

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								
pH		7.71	0.10	pH Units		7.70			0.130	20
Duplicate (T2D2703-DUP2)										
		Source: 2D26017-03								
pH		7.15	0.10	pH Units		7.14			0.140	20



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

California GLAP 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

Inorganics - Quality Control

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

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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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

Inorganics - Quality Control

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

Batch T2D3009

I.C.S (T2D3009-BS1)		Prepared & Analyzed: 04/28/12								
Methylene Blue Active Substances		0.923	0.050	mg/L	1.00		92.3	80-120		20
I.C.S 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 T2E0311

Blank (T2E0311-BLK1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		ND	10	mg/L						
I.C.S (T2E0311-BS1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		252	10	mg/L	240		105	80-120		20
I.C.S Dup (T2E0311-BSD1)		Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		248	10	mg/L	240		103	80-120	1.40	20
Duplicate (T2E0311-DUP1)		Source: 2D20002-02 Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		10.5	10	mg/L		10.5			0.00	20
Duplicate (T2E0311-DUP2)		Source: 2D24016-01 Prepared: 05/03/12 Analyzed: 05/05/12								
Total Dissolved Solids		204	10	mg/L		209			2.67	20



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:
 05/22/2012

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

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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Malaga County Water District
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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 T2E0103

Blank (T2E0103-BLK1)

Prepared & Analyzed: 05/01/12

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

LCS (T2E0103-BS1)

Prepared & Analyzed: 05/01/12

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

LCS Dup (T2E0103-BSD1)

Prepared & Analyzed: 05/01/12

Nickel		50.4	1.0	µg/L	50.0	101	85-115	0.0389	20
Arsenic		49.8	1.0	"	50.0	99.7	85-115	0.272	20
Copper		50.1	2.0	"	50.0	100	85-115	0.765	20
Molybdenum		49.5	1.0	"	50.0	99.1	85-115	0.124	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
Cadmium		49.6	0.20	"	50.0	99.2	85-115	0.874	20
Chromium		50.4	1.0	"	50.0	101	85-115	0.0853	20
Selenium		49.9	1.0	"	50.0	99.9	85-115	0.0793	20

Moore Twining Associates, Inc.

Juliane Adams, Director of Analytical Chemistry

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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:
 05/22/2012

Metals - Dissolved - Quality Control

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

Matrix Spike (T2E0103-MS1)

Source: 2D26051-01

Prepared & Analyzed: 05/01/12

Zinc		48	5.0	µg/L	50.0	ND	96.4	75-125	20
Selenium		44	1.0	"	50.0	ND	87.8	70-130	20
Molybdenum		55	1.0	"	50.0	3.5	104	70-130	20
Cadmium		49	0.20	"	50.0	ND	97.8	70-130	20
Copper		48	2.0	"	50.0	1.7	92.2	70-130	20
Nickel		47	1.0	"	50.0	0.23	94.0	75-125	20
Arsenic		55	1.0	"	50.0	6.9	95.7	70-130	20
Lead		46	0.50	"	50.0	ND	91.9	70-130	20
Chromium		49	1.0	"	50.0	0.38	96.6	70-130	20

Matrix Spike (T2E0103-MS2)

Source: 2D30056-01

Prepared & Analyzed: 05/01/12

Molybdenum		54	1.0	µg/L	50.0	2.2	104	70-130	20
Zinc		52	5.0	"	50.0	4.2	96.1	75-125	20
Selenium		47	1.0	"	50.0	ND	93.8	70-130	20
Arsenic		52	1.0	"	50.0	3.3	98.3	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
Nickel		49	1.0	"	50.0	0.54	97.4	75-125	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

Molybdenum		56	1.0	µg/L	50.0	3.5	105	70-130	1.18	20
Copper		49	2.0	"	50.0	1.7	93.9	70-130	1.78	20
Chromium		49	1.0	"	50.0	0.38	98.1	70-130	1.56	20
Cadmium		49	0.20	"	50.0	ND	98.5	70-130	0.738	20
Nickel		48	1.0	"	50.0	0.23	95.2	75-125	1.31	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
Arsenic		55	1.0	"	50.0	6.9	96.5	70-130	0.697	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: 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
---------	-------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

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
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

2027051

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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: _____

2027051

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			



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: 1207916
Invoice ID: B122188

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

2027051



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MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14835

California ELAP Certification # 1371

MTA Project # 2D27051

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

12-07916

Sample Comments

Client Sample ID#: Rock Tenn 3366 E Muscat

MTA Sample ID: 2D27051-01 Matrix: Water

Sampled: 04/27/12 10:00

Report Due to Client: 05/11/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/04/12 10:00

Containers Supplied:

1L Amber Glass
Unpreserved (A)

CHK BY	DISTRIBUTION
BLT	<i>[Signature]</i>
	SUB-OUT <input type="checkbox"/>

<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	<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

Chain of Custody and Cooler Receipt Form for 1207916 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page	Of			
Submission #: <u>12-07916</u>										
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 checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:										
Custody Seals <input checked="" type="checkbox"/> Containers <input checked="" 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 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>QA</u> Thermometer ID: <u>177</u>		Date/Time <u>5-17-10</u>		Analyst Init <u>JDW</u>				
Temperature: A <u>1.4</u> °C / C <u>1.2</u> °C										
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	1	1	1	1	1	1	1	1	1	1
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/408D										
QT EPA 515.1/815D										
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: <u>CAJ</u> Date/Time: <u>5/21/10 0745</u>										
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: 2D27051
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1207916-01	COC Number:	---	Receive Date:	05/01/2012 21:45
	Project Number:	---	Sampling Date:	04/27/2012 10:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	2D27051-01 Rock Tenn 3368 E Muscat	Lab Matrix:	Water
	Sampled By:	Client	Sample Type:	Water

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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: 2D27051
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID: 1207916-01 Client Sample Name: 2D27051-01 Rock Tenn 3366 E Muscat, 4/27/2012 10:00:00AM, Client

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quats	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	0.088	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 (Prothlofos)	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)	116	%	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 08:57	CC1	GC-7	1.020	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: 2D27051
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	
Terphos	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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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: 2D27051
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	136		60 - 120		L01
Ronnel (Fenchlorphos)	BVE0789-BS1	LCS	0.70050	0.80000	ug/L	87.6		61 - 120		
Silrofos (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 12:35
Project: Water Samples
Project Number: 2D27051
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 RPD		
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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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 12:35
Project: Water Samples
Project Number: 2D27051
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.



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

California ELAP Certificate #1371

February 09, 2012

Work Order #: 2A30031

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 01/30/12 . For your reference, these analyses have been assigned laboratory work order number 2A30031 .

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: Jesse Alvarez

Reported:
02/09/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Calpine 3366 E. Muscat	2A30031-01	Waste Water	01/30/12 14:04	01/30/12 14:25

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) 268-0740 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: Jesse Alvarez

Reported:
 02/09/2012

Analytical Report for Work Order 2A30031

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Calpine 3366 E. Muscat										
Sampled: 01/30/12 14:04 2A30031-01 (Waste Water)										
Turbidity		0.16	0.10	0.020	NTU	1	T2A3104	01/31/12	01/31/12	EPA 180.1
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T2B0118	02/01/12	02/03/12	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T2A3110	01/31/12	01/31/12	SM 2540F
Specific Conductance (EC)		560	1.0	1.0	µS/cm	1	T2A3007	01/30/12	01/30/12	SM2510B
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T2B0104	02/01/12	02/06/12	SM5210B

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - ug/L micrograms per liter (parts per billion concentration units)
 - ng/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:
 02/09/2012

Inorganics - Quality Control

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

Batch T2A3007

LCS (T2A3007-BS1)		Prepared & Analyzed: 01/30/12								
Specific Conductance (EC)		507	1.0	µS/cm	500		101	80-120		20
LCS Dup (T2A3007-BSD1)		Prepared & Analyzed: 01/30/12								
Specific Conductance (EC)		508	1.0	µS/cm	500		102	80-120	0.197	20
Duplicate (T2A3007-DUP1)		Source: 2A30001-01		Prepared & Analyzed: 01/30/12						
Specific Conductance (EC)		553	1.0	µS/cm		552			0.181	20
Duplicate (T2A3007-DUP2)		Source: 2A30032-01		Prepared & Analyzed: 01/30/12						
Specific Conductance (EC)		1350	1.0	µS/cm		1320			2.40	20

Batch T2A3104

Blank (T2A3104-BLK1)		Prepared & Analyzed: 01/31/12								
Turbidity	J	0.0200	0.10	NTU						
LCS (T2A3104-BS1)		Prepared & Analyzed: 01/31/12								
Turbidity		9.94	0.10	NTU	10.0		99.4	80-120		20
LCS Dup (T2A3104-BSD1)		Prepared & Analyzed: 01/31/12								
Turbidity		10.1	0.10	NTU	10.0		101	80-120	1.60	20
Duplicate (T2A3104-DUP1)		Source: 2A30032-01		Prepared & Analyzed: 01/31/12						
Turbidity		128	0.10	NTU		128			0.00	20

Batch T2B0104

Blank (T2B0104-BLK1)		Prepared: 02/01/12 Analyzed: 02/06/12								
Biochemical Oxygen Demand		ND	1.0	mg/L						

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:
 02/09/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2B0104

LCS (T2B0104-BS1)		Prepared: 02/01/12 Analyzed: 02/06/12								
Biochemical Oxygen Demand		181	50	mg/L	198		91.6	80-120		20

LCS Dup (T2B0104-BSD1)		Prepared: 02/01/12 Analyzed: 02/06/12								
Biochemical Oxygen Demand		158	50	mg/L	198		80.0	80-120	13.5	20

Duplicate (T2B0104-DUP1)		Source: 2A30014-01		Prepared: 02/01/12 Analyzed: 02/06/12							
Biochemical Oxygen Demand		575	100	mg/L		583			1.30	20	

Duplicate (T2B0104-DUP2)		Source: 2A31014-02		Prepared: 02/01/12 Analyzed: 02/06/12							
Biochemical Oxygen Demand		1080	300	mg/L		1080			0.556	20	

Batch T2B0118

Blank (T2B0118-BLK1)		Prepared: 02/01/12 Analyzed: 02/03/12								
Total Suspended Solids		ND	4.0	mg/L						

Duplicate (T2B0118-DUP1)		Source: 2A30001-01		Prepared: 02/01/12 Analyzed: 02/03/12							
Total Suspended Solids		ND	4.0	mg/L		ND				20	

Duplicate (T2B0118-DUP2)		Source: 2A31025-01		Prepared: 02/01/12 Analyzed: 02/03/12							
Total Suspended Solids		ND	4.0	mg/L		ND				20	

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

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CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #:
PAGE 1 OF 1 2A-300J1

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: Jesse Alvarez	CONTACT: Laurie 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"/> MALAGA WATER DIST <input type="checkbox"/> OTHER:
COMPANY: Malaga Water Dist	COMPANY: MALAGA WATER DIST	
ADDRESS: 3580 S FRANK	ADDRESS: 3580 S FRANK	
FRESNO Ca 93725	FRESNO Ca 93725	
PHONE: 559-485-7353	PHONE: 559-485-7353	
FAX: 559-485-7319	FAX: 559-485-7319	

SAMPLE INFORMATION SAMPLED BY (PRINT): Jesse Alvarez 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:
---	--	--	---

LAB USE	CLIENT SAMPLE ID				DATE	TIME	ANALYSIS REQUESTED							LAB USE		
	1	2	3	4												
	1	Ca/Dino	3366 E Muscat	1-30-12	2:04PM	XXX	XXX	XXX								

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Jesse Alvarez</i>	MALAGA WATER DIST	01/30/12			

1425 *[Signature]* *[Signature]*



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

California ELAP Certificate #1371

February 29, 2012

Work Order #: 2B17012

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

RE: Malaga Water Department

Enclosed are the analytical results for samples received by our laboratory on 02/17/12. For your reference, these analyses have been assigned laboratory work order number 2B17012.

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

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

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in cursive script, appearing to read 'Juliane Adams', written over a horizontal line.

Juliane Adams
Laboratory Director



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

Reported:
02/29/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn 3366 E. Muscat	2B17012-01	Waste Water	02/16/12 16:00	02/17/12 13:01

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

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 (559) 268-0740 Fax

California ELAP Certificate #1371

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

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

Reported:
 02/29/2012

Analytical Report for Work Order 2B17012

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rock Tenn 3366 E. Muscat						Sampled: 02/16/12 16:00 2B17012-01 (Waste Water)				
Turbidity		0.30	0.10		NTU	1	T2B1715	02/17/12	02/17/12	EPA 180.1
Total Suspended Solids		10	4.0		mg/L	1	T2B2312	02/23/12	02/27/12	SM 2540D
Total Settleable Solids		0.14	0.10		mL/L/Hr	1	T2B1712	02/17/12	02/17/12	SM 2540F
Specific Conductance (EC)		590	1.0		µS/cm	1	T2B2103	02/21/12	02/21/12	SM2510B
Biochemical Oxygen Demand		1.1	1.0		mg/L	1	T2B1705	02/17/12	02/22/12	SM5210B

Notes and Definitions

- 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)
 - µg/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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 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 Water Department
 Project Number: Analytical Services
 Project Manager: Richard Ochoa

Reported:
 02/29/2012

Inorganics - Quality Control

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

Batch T2B1705

Blank (T2B1705-BLK1)		Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		ND	1.0	mg/L						
Blank (T2B1705-BLK2)		Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		ND	1.0	mg/L						
LCS (T2B1705-BS1)		Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		194	50	mg/L	198		97.8	80-120		20
LCS (T2B1705-BS2)		Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		187	50	mg/L	198		94.5	80-120		20
LCS Dup (T2B1705-BSD1)		Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		188	50	mg/L	198		94.8	80-120	3.15	20
LCS Dup (T2B1705-BSD2)		Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		193	50	mg/L	198		97.6	80-120	3.16	20
Duplicate (T2B1705-DUP1)		Source: 2B16014-01 Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		166	100	mg/L		198			17.6	20
Duplicate (T2B1705-DUP2)		Source: 2B17002-02 Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		ND	1.0	mg/L		ND				20
Duplicate (T2B1705-DUP3)		Source: 2B17025-01 Prepared: 02/17/12 Analyzed: 02/22/12								
Biochemical Oxygen Demand		817	300	mg/L		820			0.367	20

Batch T2B1715

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

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

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

California ELAP Certificate #1371

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

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

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 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
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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 Fresno CA, 93725

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

Reported:
 02/29/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	%REC Limits	RPD	RPD Limit
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Batch T2B2312

Blank (T2B2312-BLK1)

Prepared: 02/23/12 Analyzed: 02/27/12

Total Suspended Solids ND 4.0 mg/L

Duplicate (T2B2312-DUP1)

Source: 2B17022-02

Prepared: 02/23/12 Analyzed: 02/27/12

Total Suspended Solids DUP1 ND 4.0 mg/L ND 20

Duplicate (T2B2312-DUP2)

Source: 2B21007-03

Prepared: 02/23/12 Analyzed: 02/27/12

Total Suspended Solids DUP1 1.4 4.0 mg/L ND 200 20

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

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CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2B17012 1 of 3
PAGE 1 **OF** 1

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: Jesse ALVAREZ	CONTACT: Laurie 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: Malaga Water Dist <input type="checkbox"/> OTHER:
COMPANY: Malaga Water Dist	COMPANY: Malaga Water Dist	
ADDRESS: 3580 S FRANK	ADDRESS: 3580 S FRANK	
FRESNO Ca 93725	FRESNO Ca 93725	
PHONE: 559-485-7353	PHONE: 559-485-7353	
FAX: 559-485-7319	FAX: 559-485-7319	

SAMPLE INFORMATION SAMPLED BY (PRINT): Jesse ALVAREZ 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 <u>WW - WASTE WATER</u> G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
---	---	---

L	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					
U S E										
	CLIENT SAMPLE ID	DATE	TIME	TYPE						
	Rock TENN 3366 E Muscat	2-16-12	4:00p		X	X	X	X	X	

Handwritten notes in table: E.C., Turbidity, T.S.S., BOD, Self Solid

COMMENTS/ADDITIONAL INSTRUCTIONS:

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

Sample Integrity

Pg

2 of 3

2017012

Date Received: 2/7/12

Section 1 - Sampled Same Day			
Sample Transport:	Walk In	MTA Courier	Transported In:
Has Chilling Begun?	Y	N	Ice Chest 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: 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"/>		
Were bottle custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were bottle custody seals intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Did all bottle labels agree with COC?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were correct containers used for the tests requested?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was a sufficient amount of sample sent for tests indicated?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were bubbles present in VOA Vials?: (Volatiles Methods Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Were Ascorbic Acid Bottles received with the VOAs	<input checked="" type="checkbox"/>	<input 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 No N/A Notified by:			
Explanations/Comments			
Report Comment Entered:			

Labeled by: _____ Checked by: _____

Sample Integrity

Pg 3 of 3

2B17012

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)						
Sample(s) Received		1-2 2/MPA							
Bacti 100mL Thiosulfate									
None Plastic		20/MPA							
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									





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

California ELAP Certificate #1371

May 22, 2012

Work Order #: 2D25034

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 2D25034.

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", written in dark ink.

Liz Rutherford
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 Lopez

Reported:
 05/22/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn 3366 E. Muscat	2D25034-01	Waste Water	04/25/12 12:30	04/25/12 15:55

Analytical Report for Work Order 2D25034

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rock Tenn 3366 E. Muscat										
Sampled: 04/25/12 12:30 2D25034-01 (Waste Water)										
Ammonia as N	J	0.80	1.0	0.48	mg/L	1	T2E0908	05/09/12	05/09/12	EPA 350.1
Total Dissolved Solids		450	10	8.1	mg/L	1	T2D2901	04/29/12	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		8.3	0.10	0.10	pH Units	1	T2D2606	04/26/12	04/26/12	SM4500-H B
Methylene Blue Active Substances		ND	0.050	0.031	mg/L	1	T2D2704	04/27/12	04/27/12	SM5540C
Arsenic		5.0	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		8.9	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Copper		140	2.0	0.094	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Lead	J	0.038	0.50	0.029	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Molybdenum		4.7	1.0	0.025	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Nickel	J	0.94	1.0	0.039	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Selenium	J	0.76	1.0	0.17	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Zinc		38	5.0	3.0	µg/L	1	T2D2709	04/27/12	05/01/12	EPA 200.8
Mercury	J	0.093	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.
 - 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.



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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:
 05/22/2012

Inorganics - Quality Control

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

I.C.S (T2D2606-BS1)		Prepared & Analyzed: 04/26/12								
pH		6.99	0.10	pH Units	7.00		99.9	80-120		20
I.C.S 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						
I.C.S (T2D2704-BS1)		Prepared & Analyzed: 04/27/12								
Methylene Blue Active Substances		0.948	0.050	mg/L	1.00		94.8	80-120		20



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Project: Malaga 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 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 T2D2901

Blank (T2D2901-BLK1)						Prepared: 04/29/12 Analyzed: 05/02/12				
Total Dissolved Solids	B	16.5	10	mg/L						
LCS (T2D2901-BS1)						Prepared: 04/29/12 Analyzed: 05/02/12				
Total Dissolved Solids		256	10	mg/L	240		106	80-120		20
LCS Dup (T2D2901-BSD1)						Prepared: 04/29/12 Analyzed: 05/02/12				
Total Dissolved Solids		262	10	mg/L	240		109	80-120	2.70	20
Duplicate (T2D2901-DUP1)		Source: 2D26004-01				Prepared: 04/29/12 Analyzed: 05/02/12				
Total Dissolved Solids		124	10	mg/L		126			2.00	20



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Project: Malaga 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 T2D2901

Duplicate (T2D2901-DUP2)		Source: 2D26005-01		Prepared: 04/29/12		Analyzed: 05/02/12				
Total Dissolved Solids		384	17	mg/L		374			2.50	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: 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
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Batch T2D2709

Blank (T2D2709-BL.K1)

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

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

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
Nickel		49.2	1.0	"	50.0		98.4	85-115		20
Selenium		48.2	1.0	"	50.0		96.5	85-115		20
Lead		48	0.50	"	50.0		95.6	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
Arsenic		48.5	1.0	"	50.0		96.9	85-115		20
Chromium		49.4	1.0	"	50.0		98.8	85-115		20
Zinc		51.6	5.0	"	50.0		103	85-115		20

LCS Dup (T2D2709-BS1)

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

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



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
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Batch T2D2709

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

Matrix Spike (T2D2709-MS2)	Source: 2D25032-01	Prepared: 04/27/12	Analyzed: 05/01/12	
Zinc MS3	81 5.0 µg/L	50.0	130 NR 75-125	20
Selenium	45 1.0 "	50.0	0.73 87.7 70-130	20
Arsenic	53 1.0 "	50.0	1.4 104 70-130	20
Chromium	59 1.0 "	50.0	0.25 117 70-130	20
Nickel	48 1.0 "	50.0	2.3 91.8 75-125	20
Copper MS2	230 2.0 "	50.0	8.3 438 70-130	20
Cadmium	47 0.20 "	50.0	ND 93.5 70-130	20
Lead	46 0.50 "	50.0	0.13 90.9 70-130	20
Molybdenum	57 1.0 "	50.0	10 93.7 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
Molybdenum	58 1.0 "	50.0	6.2 104 70-130	1.64 20
Nickel	52 1.0 "	50.0	2.3 99.0 75-125	2.90 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
Copper	48 2.0 "	50.0	0.96 94.6 70-130	2.56 20
Selenium	42 1.0 "	50.0	0.21 83.6 70-130	4.09 20
Lead	46 0.50 "	50.0	ND 91.0 70-130	0.305 20
Cadmium	46 0.20 "	50.0	ND 92.0 70-130	2.53 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:
 05/22/2012

Metals - Dissolved - Quality Control

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

Batch T2D2709

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
Selenium		44	1.0	"	50.0	0.73	87.1	70-130	0.647	20
Nickel		48	1.0	"	50.0	2.3	91.2	75-125	0.594	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
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
Lead		46	0.50	"	50.0	0.13	91.4	70-130	0.514	20
Cadmium		47	0.20	"	50.0	ND	93.5	70-130	0.0193	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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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 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

2025034

Sample Integrity Pg 2 of 3

Date Received: 8/25/12

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were Ascorbic Acid Bottles received with the VOAs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Section 5-Comments/Discrepancies

Sample(s) Split/Preserve: Yes No Container: 125mL Preservation: At 20°C Init: JD

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

Explanations/Comments

Report Comment Entered:

Labeled by: _____ Checked by: _____

2025034

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			



BC 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: 1207634
Invoice ID: B122131

Enclosed are the results of analyses for samples received by the laboratory on 4/27/2012. 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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2025034



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Chain of Custody and Cooler Receipt Form for 1207634 Page 1 of 2

MOORE TWINING SUBCONTRACT ORDER - Purchase Order # 14320

California ELAP Certification # 1371

1207634

MTA Project # **2D25034**

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

-1

Sample Comments

Client Sample ID#: Rock Tenn 3366 E. Muscat

MTA Sample ID: 2D25034-01 Matrix: Water

Sampled: 04/25/12 12:30

Report Due to Client: 05/09/12

Requested Analysis: 8141A (Sub)

Holding time expires: 05/02/12 12:30

Containers Supplied:

1L Amber Glass
Unpreserved (C)

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	SUB-OUT <input type="checkbox"/>

Released By *[Signature]* Date 04/26/12 Received By *[Signature]* Date 4/27/12 8:15

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

Chain of Custody and Cooler Receipt Form for 1207634 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page 1 of 1					
Submission #: 1207634											
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input checked="" type="checkbox"/> (Specify) <u>ASD</u>				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: <u>0.95</u>		Container: <u>Amber</u>		Thermometer ID: <u>177</u>					
		Temperature: A <u>5.9</u> °C / C <u>5.7</u> °C		Date/Time: <u>4/27/12</u>		Analyst Initials: <u>MAM 8:15</u>					
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											
2pc 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											
DACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 503/608/8080											
QT EPA 515, 1/1/150											
QT EPA 515											
QT EPA 515 TRAVEL BLANK											
100ml EPA 517											
100ml EPA 531.1											
QT EPA 518											
QT EPA 519											
QT EPA 602											
QT EPA 815M											
QT AMBER											
1 OZ. JAR											
1/2 OZ. JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
FERROUS IRON											
INCORE											
Comments:											
Sample Numbering Completed By: <u>BLT</u>		Date/Time: <u>4-27-12 @ 1020</u>									
= Actual / C = Corrected		(H:\DOCS\WP001\AD_DOCS\FORMS\SAMREC2.WPD)									



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25034
Project Manager: Julio Morales

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1207634-01	COC Number:	---	Receive Date:	04/27/2012 08:15
	Project Number:	---	Sampling Date:	04/25/2012 12:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Rock Tenn 3366 W. Muscat 2D25034-01	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water

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Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25034
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

BCL Sample ID:	1207634-01	Client Sample Name:	Rock Tenn 3366 W. Muscat 2D25034-01, 4/25/2012 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quais	Run #
Azinphos methyl	ND	ug/L	0.20	0.056	EPA-8141	ND	V11	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	0.088	EPA-8141	ND		1
Fenthion	ND	ug/L	0.20	0.033	EPA-8141	ND		1
Merphos	ND	ug/L	0.20	0.058	EPA-8141	ND	V11	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	0.048	EPA-8141	ND	V11	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	V11	1
Triphenylphosphate (Surrogate)	101	%	46 - 142 (LCL - UCL)		EPA-8141			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8141	05/01/12	05/14/12	15:41	CC1	GC-7	1.053	BVE0780

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Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25034
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: BVE0780						
Azinphos methyl	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Bolstar	BVE0780-BLK1	ND	ug/L	0.20	0.055	
Chlorpyrifos	BVE0780-BLK1	ND	ug/L	0.20	0.024	
Coumaphos	BVE0780-BLK1	ND	ug/L	0.20	0.054	
Demeton O/S	BVE0780-BLK1	ND	ug/L	0.20	0.026	
Diazinon	BVE0780-BLK1	ND	ug/L	0.20	0.044	
Dichlorvos	BVE0780-BLK1	ND	ug/L	0.20	0.070	
Disuffoton	BVE0780-BLK1	ND	ug/L	0.50	0.039	
Ethoprop	BVE0780-BLK1	ND	ug/L	0.20	0.025	
Fensulfothion	BVE0780-BLK1	ND	ug/L	0.20	0.088	
Fenthion	BVE0780-BLK1	ND	ug/L	0.20	0.033	
Merphos	BVE0780-BLK1	ND	ug/L	0.20	0.058	
Methyl parathion	BVE0780-BLK1	ND	ug/L	0.20	0.074	
Mevinphos	BVE0780-BLK1	ND	ug/L	0.20	0.053	
Naled	BVE0780-BLK1	ND	ug/L	0.20	0.072	
Phorate	BVE0780-BLK1	ND	ug/L	0.20	0.041	
Ronnel (Fenchlorphos)	BVE0780-BLK1	ND	ug/L	0.20	0.067	
Stirophos (Tetrachlorvinphos)	BVE0780-BLK1	ND	ug/L	0.20	0.046	
Tokuthion (Prothiofos)	BVE0780-BLK1	ND	ug/L	0.20	0.032	
Trichloronate	BVE0780-BLK1	ND	ug/L	0.20	0.038	
Triphenylphosphate (Surrogate)	BVE0780-BLK1	100	%	46 - 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 8:13
Project: Water Samples
Project Number: 2D25034
Project Manager: Julio Morales

Organo-Phosphorus Pesticide Analysis (EPA Method 8141)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spkce Level	Units	Percent Recovery	Control Limits		Lab
							RPD	RPD	
QC Batch ID: BVE0780									
Bolstar	BVE0780-BS1	LCS	0.72500	0.80000	ug/L	90.6		57 - 124	
Chlorpyrifos	BVE0780-BS1	LCS	0.67250	0.80000	ug/L	84.1		66 - 123	
Diazinon	BVE0780-BS1	LCS	1.1545	0.80000	ug/L	144		70 - 122	L01
Methyl parathion	BVE0780-BS1	LCS	0.70100	0.80000	ug/L	87.6		66 - 120	
Mevinphos	BVE0780-BS1	LCS	1.0175	0.80000	ug/L	127		60 - 120	L01
Ronnel (Fenchlorphos)	BVE0780-BS1	LCS	0.70750	0.80000	ug/L	88.4		61 - 120	
Stirophos (Tetrachlorvinphos)	BVE0780-BS1	LCS	1.1900	0.80000	ug/L	149		52 - 131	L01
Triphenylphosphate (Surrogate)	BVE0780-BS1	LCS	2.1785	2.5000	ug/L	87.1		46 - 142	

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.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93716

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25034
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	Percent		Control Limits		Lab
							RPD	Recovery	RPD	Recovery	
QC Batch ID: BVE0780		Used client sample: N									
Bolstar	MS	1207076-16	ND	0.82350	0.80000	ug/L		103		61 - 120	
	MSD	1207076-16	ND	0.76150	0.80000	ug/L	7.8	95.2	22	61 - 120	
Chlorpyrifos	MS	1207076-16	ND	0.69800	0.80000	ug/L		87.2		65 - 120	
	MSD	1207076-16	ND	0.73350	0.80000	ug/L	5.0	91.7	22	65 - 120	
Diazinon	MS	1207076-16	ND	1.2205	0.80000	ug/L		153		70 - 122	Q03
	MSD	1207076-16	ND	1.2465	0.80000	ug/L	2.1	158	30	70 - 122	Q03
Methyl parathion	MS	1207076-16	ND	0.72600	0.80000	ug/L		90.8		61 - 120	
	MSD	1207076-16	ND	0.75950	0.80000	ug/L	4.5	94.9	25	61 - 120	
Mevinphos	MS	1207076-16	ND	0.97800	0.80000	ug/L		122		56 - 120	Q03
	MSD	1207076-16	ND	1.1705	0.80000	ug/L	17.9	146	28	56 - 120	Q03
Ronnal (Fenchlorphos)	MS	1207076-16	ND	0.70100	0.80000	ug/L		87.6		55 - 120	
	MSD	1207076-16	ND	0.73500	0.80000	ug/L	4.7	91.9	29	55 - 120	
Irophos (Tetrachlorvinphos)	MS	1207076-16	ND	1.2610	0.80000	ug/L		158		54 - 127	Q03
	MSD	1207076-16	ND	1.3130	0.80000	ug/L	4.0	164	26	54 - 127	Q03
Triphenylphosphate (Surrogate)	MS	1207076-16	ND	2.4500	2.5000	ug/L		98.0		46 - 142	
	MSD	1207076-16	ND	2.4750	2.5000	ug/L	1.0	99.0		46 - 142	

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



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Moore-Twining Laboratories
2527 Fresno Street
Fresno, CA 93718

Reported: 05/16/2012 8:13
Project: Water Samples
Project Number: 2D25034
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.
- 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.



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

California ELAP Certificate #1371

June 06, 2012

Work Order #: 2E25008

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 2E25008.

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:
06/06/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rocktenn	2E25008-01	Water	05/25/12 00:00	05/25/12 12:32



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:
 06/06/2012

Analytical Report for Work Order 2E25008

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
								Sampled: 05/25/12 00:00 2E25008-01 (Water)			
Rocktenn											
Turbidity		0.27	0.10	0.020	NTU	1	T2E2513	05/25/12	05/25/12	EPA 180.1	
Total Suspended Solids	J	1.8	4.0	1.1	mg/L	1	T2E3113	05/31/12	06/01/12	SM 2540D	
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T2E2510	05/25/12	05/25/12	SM 2540F	
Specific Conductance (EC)		650	1.0	1.0	µS/cm	1	T2E3014	05/30/12	05/30/12	SM2510B	
Biochemical Oxygen Demand		56	10	10	mg/L	10	T2E2503	05/25/12	05/30/12	SM5210B	

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - 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)
 - ID 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:
 06/06/2012

Inorganics - Quality Control

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

Batch T2E2503 - SM5210B

Blank (T2E2503-BLK1)		Prepared: 05/25/12 Analyzed: 05/30/12								
Biochemical Oxygen Demand		ND	1.0	mg/L						
Blank (T2E2503-BLK2)		Prepared: 05/25/12 Analyzed: 05/30/12								
Biochemical Oxygen Demand		ND	1.0	mg/L						
LCS (T2E2503-BS1)		Prepared: 05/25/12 Analyzed: 05/30/12								
Biochemical Oxygen Demand		196	50	mg/L	198		99.1	80-120		20
LCS (T2E2503-BS2)		Prepared: 05/25/12 Analyzed: 05/30/12								
Biochemical Oxygen Demand		234	50	mg/L	198		118	80-120		20
LCS Dup (T2E2503-BSD1)		Prepared: 05/25/12 Analyzed: 05/30/12								
Biochemical Oxygen Demand		204	50	mg/L	198		103	80-120	3.75	20
LCS Dup (T2E2503-BSD2)		Prepared: 05/25/12 Analyzed: 05/30/12								
Biochemical Oxygen Demand		223	50	mg/L	198		113	80-120	5.03	20
Duplicate (T2E2503-DUP1)		Source: 2E24005-03		Prepared: 05/25/12 Analyzed: 05/30/12						
Biochemical Oxygen Demand		330	100	mg/L		327			0.914	20
Duplicate (T2E2503-DUP2)		Source: 2E24021-01		Prepared: 05/25/12 Analyzed: 05/30/12						
Biochemical Oxygen Demand		159	30	mg/L		164			3.28	20
Duplicate (T2E2503-DUP3)		Source: 2E25022-01		Prepared: 05/25/12 Analyzed: 05/30/12						
Biochemical Oxygen Demand		178	30	mg/L		181			1.61	20

Batch T2E2513 - EPA 180.1

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 - SM2510B

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

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:
 06/06/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch T2E3014 - SM2510B

Duplicate (T2E3014-DUP3)										
Specific Conductance (EC)		477	1.0	µS/cm		472			1.05	20

Batch T2E3113 - SM 2540D

Blank (T2E3113-BLK1)										
Total Suspended Solids		ND	4.0	mg/L						

Duplicate (T2E3113-DUP1)										
Total Suspended Solids	J	1.8	4.0	mg/L		1.8			0.00	20

Duplicate (T2E3113-DUP2)										
Total Suspended Solids		6.6	4.0	mg/L		6.2			6.25	20



CHAIN OF CUSTODY/ANALYSIS REQUEST

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

WORK ORDER #: 2625008
PAGE 1 **OF** 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

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

CONTACT: CHRIS LOPES	CONTACT:	<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: 3500 S FRANK FRESNO CA 93725	ADDRESS:	
PHONE: 559 485 7353	PHONE:	
FAX: 559 485 7319	FAX:	
SAMPLE INFORMATION	SAMPLE TYPES:	

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"/> SPECIAL TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON: <input type="checkbox"/> 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 G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/R.O. NO.: PROJECT: 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				CLIENT SAMPLE ID	DATE	TIME	TYPE	EC	TURBIDITY	BOD	TSS		SFT SOLIDS					
					1	ROCK TENV	5/25			X	X	X	X						

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>Chris Lopes</i>		5/25/12	12:5	<i>Ray Rutherford</i>	

Sample Integrity

Pg

2 of 3 2E25008

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>	Other: _____	
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>	Other: _____		

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 33 of 2E25008

Moore Twining Bottles Yes No

Plastic 125mL(A)	Plastic 250 mL(B)	Plastic 1 L (C)	Amber Glass(AG)
Sample(s) Received			
Bacti 100mL Thiosulfate			
None Plastic	2C/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			



California ELAP Certificate #1371

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

July 06, 2012

Work Order #: 2F29009

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 2F29009.

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:
07/06/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn	2F29009-01	Water	06/29/12 09:30	06/29/12 12:30



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 Work Order 2F29009

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	
								Sampled: 06/29/12 09:30 2F29009-01 (Water)			
Rock Tenn											
Turbidity		11	0.10	0.020	NTU	1	T2F2922	06/29/12	06/29/12	EPA 180.1	
Specific Conductance (EC)		620	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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 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

Inorganics - Quality Control

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

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 #: 2F29009
PAGE 1 OF 3

ANALYTICAL CHEMISTRY DIVISION
 CALIFORNIA ELAP CERTIFICATION # 1371

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING:

CONTACT: CHRIS LOPES	CONTACT: LAURIE 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: MCWLD	COMPANY:	
ADDRESS: 3580 S. FRANK FRESNO CA. 93725	ADDRESS: <i>Sore</i>	
PHONE: 559 485 7353	PHONE:	
FAX: 501 485 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"/> 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 WW - WASTE WATER G - GRAB, C - COMPOSITE	PROJECT INFORMATION CONTRACT/P.O. NO.: PROJECT: PROJECT NUMBER: PROJECT MANAGER:
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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												
	ROCK TENN	6/29	930		X											

COMMENTS/ADDITIONAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY
<i>[Signature]</i>		6/29/12	1230	<i>[Signature]</i>	

Sample Integrity

Page 2 of 3 WO# 2F29009 Date Received: 4/29/12

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:





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

California ELAP Certificate #1371

August 08, 2012

Work Order #: 2H01023

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 2H01023 .

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
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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:
08/08/2012

Analytical Report for the Following Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Tenn	2H01023-01	Water	08/01/12 12:30	08/01/12 13:45



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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:
 08/08/2012

Analytical Report for Work Order 2H01023

Analyte	Qual.	Result	Reporting Limit	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method
Rock Tenn										
Sampled: 08/01/12 12:30 2H01023-01 (Water)										
Turbidity		0.50	0.10	0.020	NTU	1	T2H0111	08/01/12	08/01/12	EPA 180.1
Total Suspended Solids		ND	4.0	1.1	mg/L	1	T2H0208	08/02/12	08/04/12	SM 2540D
Total Settleable Solids		ND	0.10	0.10	mL/L/Hr	1	T2H0204	08/02/12	08/02/12	SM 2540F
Specific Conductance (EC)		620	1.0	1.0	µS/cm	1	T2H0212	08/02/12	08/02/12	SM2510B
Biochemical Oxygen Demand		ND	1.0	1.0	mg/L	1	T2H0209	08/02/12	08/07/12	SM5210B

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). Same as DNQ - Detected, but Not Quantified.
 - ug/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - µg/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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Project: Malaga Sewer Plant
 Project Number: Analytical Services
 Project Manager: Chris Lopes

Reported:
 08/08/2012

Inorganics - Quality Control

Analyte	Notes	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 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	20
Duplicate (T2H0111-DUP1)		Source: 2G31002-01		Prepared & Analyzed: 08/01/12						
Turbidity		6.28	0.10	NTU		6.20			1.28	20

Batch T2H0208 - SM 2540D

Blank (T2H0208-BLK1)		Prepared: 08/02/12 Analyzed: 08/04/12								
Total Suspended Solids		ND	4.0	mg/L						
Duplicate (T2H0208-DUP1)		Source: 2H01019-01		Prepared: 08/02/12 Analyzed: 08/04/12						
Total Suspended Solids		240	20	mg/L		240			1.65	20
Duplicate (T2H0208-DUP2)		Source: 2H01019-02		Prepared: 08/02/12 Analyzed: 08/04/12						
Total Suspended Solids		ND	4.4	mg/L		ND				20

Batch T2H0209 - SM5210B

Blank (T2H0209-BLK1)		Prepared: 08/02/12 Analyzed: 08/07/12								
Biochemical Oxygen Demand		ND	1.0	mg/L						
LCS (T2H0209-BS1)		Prepared: 08/02/12 Analyzed: 08/07/12								
Biochemical Oxygen Demand		179	50	mg/L	198		90.4	80-120		20
LCS Dup (T2H0209-BSD1)		Prepared: 08/02/12 Analyzed: 08/07/12								
Biochemical Oxygen Demand		182	50	mg/L	198		92.1	80-120	1.94	20
Duplicate (T2H0209-DUP1)		Source: 2H01014-01		Prepared: 08/02/12 Analyzed: 08/07/12						
Biochemical Oxygen Demand		196	100	mg/L		194			1.03	20
Duplicate (T2H0209-DUP2)		Source: 2H01033-01		Prepared: 08/02/12 Analyzed: 08/07/12						
Biochemical Oxygen Demand		513	300	mg/L		453			12.4	20

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	20
Duplicate (T2H0212-DUP1)		Source: 2H01014-01		Prepared & Analyzed: 08/02/12						
Specific Conductance (EC)		1280	1.0	µS/cm		1280			0.0780	20
Duplicate (T2H0212-DUP2)		Source: 2H01029-01		Prepared & Analyzed: 08/02/12						
Specific Conductance (EC)		4270	1.0	µS/cm		4270			0.00	20