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

City of Visalia, Q.A. Division
7579 Ave 288
Visalia CA, 93277

Project: Annual Priority Pollutant Sampling
Project Number: No. QA 3283
Project Manager: Grant Knight

Reported:
07/06/07

R-1 Upstream Receiving Water
7F19023-01 (Water) Sampled:06/19/07 10:04

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Inorganics									
Hexavalent Chromium	ND	10	µg/L	1	T7F2014	06/20/07	06/20/07	EPA 7196	
Cyanide (total)	ND	5.0	µg/L	1	T7F2814	06/25/07	06/28/07	SM4500CN-E	
Hardness (Total)	32	0.66	mg equiv. CaCO3/L	1	[CALC]	06/20/07	06/22/07	SM2340B - Calc	
Metals									
Antimony	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Arsenic	ND	0.010	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Beryllium	ND	0.0010	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Cadmium	ND	0.0010	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Calcium	11	0.10	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Chromium	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Magnesium	1.4	0.10	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Mercury	ND	0.20	µg/L	1	T7F2102	06/21/07	06/21/07	EPA 7470A	
Nickel	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Zinc	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Semi-Volatile Organics									
4,4'-DDD	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
4,4'-DDE	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
4,4'-DDT	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Aldrin	ND	0.0050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
alpha-BHC	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
alpha-Chlordane	ND	0.10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
beta-BHC	ND	0.0050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Chlordane	ND	0.10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
delta-BHC	ND	0.0050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Dieldrin	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endosulfan I	ND	0.020	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endosulfan II	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endosulfan sulfate	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endrin	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry

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Project: Annual Priority Pollutant Sampling
Project Number: No. QA 3283
Project Manager: Grant Knight

Reported:
07/06/07

R-1 Upstream Receiving Water
7F19023-01 (Water) Sampled:06/19/07 10:04

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Semi-Volatile Organics									
Endrin aldehyde	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endrin ketone	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
gamma-BHC (Lindane)	ND	0.020	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
gamma-Chlordane	ND	0.10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Heptachlor	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Heptachlor epoxide	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Methoxychlor	ND	10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1016	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1221	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1232	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1242	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1248	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1254	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1260	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Toxaphene	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Surrogate: Decachlorobiphenyl (DCB)		70.0 %	70-130		T7F2112	06/21/07	06/22/07	EPA 608	
Surrogate: Tetrachloro-meta-xylene (TMX)		67.4 %	70-130		T7F2112	06/21/07	06/22/07	EPA 608	
Volatile Organics									
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1,1-Trichloroethane (TCA)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1-Dichloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1-Dichloroethene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1-Dichloropropene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,2-Dichloropropane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Benzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Bromodichloromethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Bromoform	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Bromomethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics									
Carbon Tetrachloride	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chloroform	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chloromethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
cis-1,3-Dichloropropene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Dibromochloromethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Ethylbenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
m,p-Xylene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Methylene chloride	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
o-Xylene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Tetrachloroethene (PCE)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Toluene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Trichloroethene (TCE)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Trichlorofluoromethane (CFC-11)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Vinyl chloride	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Xylenes	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Surrogate: 4-Bromofluorobenzene	99.1 %	70-130			T7F2005	06/20/07	06/20/07	EPA 624	
Surrogate: Dibromofluoromethane	100 %	70-130			T7F2005	06/20/07	06/20/07	EPA 624	
Surrogate: Toluene-d8	93.4 %	70-130			T7F2005	06/20/07	06/20/07	EPA 624	



CALIFORNIA ELAP CERTIFICATE #1371

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Project Manager: Grant Knight

Reported:
07/06/07

R-2 Downstream Receiving Water
7F19023-02 (Water) Sampled:06/19/07 10:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Inorganics									
Hexavalent Chromium	ND	10	µg/L	1	T7F2014	06/20/07	06/20/07	EPA 7196	
Cyanide (total)	ND	5.0	µg/L	1	T7F2814	06/25/07	06/28/07	SM4500CN-E	
Hardness (Total)	94	0.66	mg equiv. CaCO3/L	1	[CALC]	06/20/07	06/22/07	SM2340B - Calc	
Metals									
Antimony	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Arsenic	ND	0.010	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Beryllium	ND	0.0010	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Cadmium	ND	0.0010	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Calcium	31	0.10	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Chromium	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Magnesium	4.0	0.10	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Mercury	ND	0.20	µg/L	1	T7F2102	06/21/07	06/21/07	EPA 7470A	
Nickel	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Zinc	0.050	0.0050	mg/L	1	T7F2017	06/20/07	06/22/07	EPA 200.7	
Semi-Volatile Organics									
4,4'-DDD	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
4,4'-DDE	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
4,4'-DDT	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Aldrin	ND	0.0050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
alpha-BHC	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
alpha-Chlordane	ND	0.10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
beta-BHC	ND	0.0050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Chlordane	ND	0.10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
delta-BHC	ND	0.0050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Dieldrin	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endosulfan I	ND	0.020	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endosulfan II	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endosulfan sulfate	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endrin	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	

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Project Number: No. QA 3283
Project Manager: Grant Knight

Reported:
07/06/07

R-2 Downstream Receiving Water
7F19023-02 (Water) Sampled:06/19/07 10:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Semi-Volatile Organics									
Endrin aldehyde	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Endrin ketone	ND	0.050	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
gamma-BHC (Lindane)	ND	0.020	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
gamma-Chlordane	ND	0.10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Heptachlor	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Heptachlor epoxide	ND	0.010	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Methoxychlor	ND	10	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1016	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1221	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1232	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1242	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1248	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1254	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
PCB-1260	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Toxaphene	ND	0.50	µg/L	1	T7F2112	06/21/07	06/22/07	EPA 608	
Surrogate: Decachlorobiphenyl (DCB)		45.5 %	70-130		T7F2112	06/21/07	06/22/07	EPA 608	
Surrogate: Tetrachloro-meta-xylene (TMX)		75.9 %	70-130		T7F2112	06/21/07	06/22/07	EPA 608	
Volatile Organics									
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1,1-Trichloroethane (TCA)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1-Dichloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1-Dichloroethene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,1-Dichloropropene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,2-Dichloropropane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Benzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Bromodichloromethane	1.2	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Bromoform	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Bromomethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	

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7F19023-02 (Water) Sampled:06/19/07 10:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics									
Carbon Tetrachloride	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chlorobenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chloroethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chloroform	2.7	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Chloromethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
cis-1,3-Dichloropropene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Dibromochloromethane	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Ethylbenzene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
m,p-Xylene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Methylene chloride	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
o-Xylene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Tetrachloroethene (PCE)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Toluene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Trichloroethene (TCE)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Trichlorofluoromethane (CFC-11)	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Vinyl chloride	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Xylenes	ND	0.50	µg/L	1	T7F2005	06/20/07	06/20/07	EPA 624	
Surrogate: 4-Bromofluorobenzene	102 %	70-130			T7F2005	06/20/07	06/20/07	EPA 624	
Surrogate: Dibromofluoromethane	99.6 %	70-130			T7F2005	06/20/07	06/20/07	EPA 624	
Surrogate: Toluene-d8	92.2 %	70-130			T7F2005	06/20/07	06/20/07	EPA 624	

basic

530.243.7234 2218 Railroad Avenue
530.243.7494 Redding, California 96001

Report to: TWINING LABORATORIES
2527 FRESNO STREET
FRESNO, CA 93721
Attention: ANDREA SERUNTINE
Project: GENERAL TESTING 7F19023

Lab No: 7070271
Reported: 07/19/07
Phone: (559) 268-7021
P.O. # 1825

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
7F19023-01R-1 Upstream Receiving Water Water (7070271-01) Sampled:06/19/07 10:04 Received:07/06/07 16:38									
Selenium	ug/l	ND		0.4	2.0	EPA 200.8	07/18/07	07/17/07	B7G0407
7F19023-01R-2 Downstream Receiving Water Water (7070271-02) Sampled:06/19/07 10:16 Received:07/06/07 16:38									
Selenium	ug/l	1.2	J	0.4	2.0	EPA 200.8	07/18/07	07/17/07	B7G0407

Quality Control Data

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
---------	--------	----	-------	-------------	---------------	------	-------------	-----	-----------	-----------

Metals - Total

Batch B7G0407 - EPA 200 Series

Blank										
Selenium	ND	2.0	ug/l							
LCS										
Selenium	102	2.0	ug/l	100		102	85-115			
Duplicate Source: 7070197-01										
Selenium	0.453	2.0	ug/l		0.515			12.8	20	J
Matrix Spike Source: 7070197-01										
Selenium	104	2.0	ug/l	100	0.515	103	75-125			



Approved By

Basic Laboratory, Inc.
California D.O.H.S. Cert #1677



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Moore Twining Associates, Inc.
2527 Fresno Street
Fresno CA, 93721

Report ID: 7062116
Project ID: 7F19023

Date Received: 06/21/07 10:00
Date Reported: 06/26/07 17:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
7F19023-01	client	R-1 Upstream Receiving Water	7062116-01	Water	06/19/07 10:04
7F19023-02	client	R-2 Downstream Receiving Water	7062116-02	Water	06/19/07 10:16



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Moore Twining Associates, Inc.
2527 Fresno Street
Fresno CA., 93721

Report ID: 7062116
Project ID: 7F19023

Date Received: 06/21/07 10:00
Date Reported: 06/26/07 17:20

UPSTREAM

7F19023-01 7062116-01 (Water)

Date Sampled: 06/19/07 10:04

Mercury - Low Level by CVAFS

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Mercury, Total	1.1	ng/l	0.20	1	EPA 1631E	W7F0958	06/21/07	06/22/07	dkc



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Moore Twining Associates, Inc.
2527 Fresno Street
Fresno CA., 93721

Report ID: 7062116
Project ID: 7F19023

Date Received: 06/21/07 10:00
Date Reported: 06/26/07 17:20

DOWNSTREAM

7F19023-02 7062116-02 (Water)

Date Sampled: 06/19/07 10:16

Mercury - Low Level by CVAFS

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Mercury, Total	2.5	ng/l	0.20	1	EPA 1631E	W7F0958	06/21/07	06/22/07	dkc



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Report To: TWINING LABORATORIES
2527 FRESNO STREET
FRESNO, CA 93721
Attention: ANDREA SERUNTINE
Project: GENERAL TESTING 7F19023

Lab No: 7060665
Reported: 07/02/07
Phone: (559) 268-7021
P.O. #

Semi Volatile Organic Compounds

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
7F19023-01 R-1 Upstream Receiving Water Water (7060665-01) Sampled:06/19/07 10:04 Received:06/21/07 13:20									
Acenaphthene	ug/l	ND		0.5	1	EPA 625	06/23/07	06/22/07	B7F0528
Acenaphthylene	"	ND		1	5	"	"	"	"
Aniline	"	ND		1	5	"	"	"	"
Anthracene	"	ND		1	5	"	"	"	"
Benzidine	"	ND		1	5	"	"	"	"
Benzo (a) anthracene	"	ND		1	5	"	"	"	"
Benzo (a) pyrene	"	ND		1	5	"	"	"	"
Benzo (b) fluoranthene	"	ND		1	5	"	"	"	"
Benzo (g,h,i) perylene	"	ND		1	5	"	"	"	"
Benzo (k) fluoranthene	"	ND		2	5	"	"	"	"
Benzoic acid	"	ND		0.2	10	"	"	"	"
Benzyl alcohol	"	ND		1	5	"	"	"	"
Bis(2-chloroethoxy)methane	"	ND		1	5	"	"	"	"
Bis(2-chloroethyl)ether	"	ND		0.5	1	"	"	"	"
Bis(2-chloroisopropyl)ether	"	ND		1	2	"	"	"	"
Bis(2-ethylhexyl)phthalate	"	ND		2	5	"	"	"	"
4-Bromophenyl phenyl ether	"	ND		1	5	"	"	"	"
Butyl benzyl phthalate	"	ND		1	5	"	"	"	"
4-Chloroaniline	"	ND		1	2	"	"	"	"
4-Chloro-3-methylphenol	"	ND		0.5	1	"	"	"	"
2-Chloronaphthalene	"	ND		1	2	"	"	"	"
2-Chlorophenol	"	ND		1	5	"	"	"	"
4-Chlorophenyl phenyl ether	"	ND		1	5	"	"	"	"
Chrysene	"	ND		1	5	"	"	"	"
Dibenz (a,h) anthracene	"	ND		1	5	"	"	"	"
Dibenzofuran	"	ND		1	5	"	"	"	"
1,2-Dichlorobenzene	"	ND		0.5	2	"	"	"	"
1,3-Dichlorobenzene	"	ND		0.5	1	"	"	"	"
1,4-Dichlorobenzene	"	ND		0.5	1	"	"	"	"
3,3'-Dichlorobenzidine	"	ND		0.4	5	"	"	"	"
2,4-Dichlorophenol	"	ND		1	2	"	"	"	"
2,6-Dichlorophenol	"	ND		0.8	5	"	"	"	"
Diethyl phthalate	"	ND		1	2	"	"	"	"
2,4-Dimethylphenol	"	ND		1	2	"	"	"	"
4,6-Dinitro-2-methylphenol	"	ND		1	5	"	"	"	"
4,6-Dinitro-o-cresol	"	ND		0.2	5	"	"	"	"
2,4-Dinitrophenol	"	ND		1	5	"	"	"	"
Dimethyl phthalate	"	ND		1	5	"	"	"	"
Di-n-butyl phthalate	"	ND		1	5	"	"	"	"
Di-n-octyl phthalate	"	ND		1	5	"	"	"	"
2,4-Dinitrotoluene	"	ND		1	5	"	"	"	"
2,6-Dinitrotoluene	"	ND		1	5	"	"	"	"
1,2-Diphenylhydrazine	"	ND		0.2	1	"	"	"	"
Fluoranthene	"	ND		0.5	1	"	"	"	"
Fluorene	"	ND		2	5	"	"	"	"
Hexachlorobenzene	"	ND		0.5	1	"	"	"	"
Hexachlorobutadiene	"	ND		0.5	1	"	"	"	"
Hexachlorocyclopentadiene	"	ND		1	2	"	"	"	"
Hexachloroethane	"	ND		0.5	1	"	"	"	"
Indeno (1,2,3-cd) pyrene	"	ND		1	5	"	"	"	"
Isophorone	"	ND		0.5	1	"	"	"	"
Kepone	"	ND		2	5	"	"	"	"

Andy Jones
Approved By

Basic Laboratory, Inc.



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voice 530.243.7234 2218 Railroad Avenue
fax 530.243.7494 Redding, California 96001

Report To: TWINING LABORATORIES
2527 FRESNO STREET
FRESNO, CA 93721

Attention: ANDREA SERUNTINE

Project: GENERAL TESTING 7F19023

Lab No: 7060665
Reported: 07/02/07
Phone: (559) 268-7021
P.O. #

Semi Volatile Organic Compounds

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
7F19023-01 R-1 Upstream Receiving Water Water (7060665-01) Sampled:06/19/07 10:04 Received:06/21/07 13:20									
2-Methylnaphthalene	"	ND		1	5	"	"	06/22/07	"
2-Methylphenol	"	ND		1	5	"	"	"	"
3 & 4-Methylphenol	"	ND		0.2	2	"	"	"	"
4-Methylphenol	"	ND		1	10	"	"	"	"
Naphthalene	"	ND		0.5	1	"	"	"	"
2-Nitroaniline	"	ND		1	5	"	"	"	"
3-Nitroaniline	"	ND		1	5	"	"	"	"
4-Nitroaniline	"	ND		1	5	"	"	"	"
Nitrobenzene	"	ND		0.5	1	"	"	"	"
2-Nitrophenol	"	ND		1	5	"	"	"	"
4-Nitrophenol	"	ND		1	5	"	"	"	"
N-Nitrosodimethylamine	"	ND		0.1	2	"	"	"	"
N-Nitrosodi-n-propylamine	"	ND		1	5	"	"	"	"
N-Nitrosodiphenylamine	"	ND		1	2	"	"	"	"
Pentachlorophenol	"	ND		0.5	5	"	"	"	"
Phenanthrene	"	ND		1	5	"	"	"	"
Phenol	"	ND		0.5	1	"	"	"	"
Pyrene	"	ND		1	5	"	"	"	"
Pyridine	"	ND		1	5	"	"	"	"
1,2,4-Trichlorobenzene	"	ND		1	2	"	"	"	"
2,4,5-Trichlorophenol	"	ND		1	5	"	"	"	"
2,4,6-Trichlorophenol	"	ND		1	5	"	"	"	"
Surrogate: 2-Fluorophenol		59.5 %		30.2-82.4		"	"	"	"
Surrogate: Phenol-d5		37.8 %		21.3-60.2		"	"	"	"
Surrogate: 2,4,6-Tribromophenol		134 %	S-AC	62.5-132		"	"	"	"
Surrogate: Nitrobenzene-d5		110 %		48.3-126		"	"	"	"
Surrogate: 2-Fluorobiphenyl		86.8 %		49.2-116		"	"	"	"
Surrogate: Terphenyl-d14		102 %		52.1-125		"	"	"	"
7F19023-02 R-2 Downstream Receiving Water Water (7060665-02) Sampled:06/19/07 10:16 Received:06/21/07 13:20									
Acenaphthene	ug/l	ND		0.5	1	EPA 625	06/23/07	06/22/07	B7F0528
Acenaphthylene	"	ND		1	5	"	"	"	"
Aniline	"	ND		1	5	"	"	"	"
Anthracene	"	ND		1	5	"	"	"	"
Benzidine	"	ND		1	5	"	"	"	"
Benzo (a) anthracene	"	ND		1	5	"	"	"	"
Benzo (a) pyrene	"	ND		1	5	"	"	"	"
Benzo (b) fluoranthene	"	ND		1	5	"	"	"	"
Benzo (g,h,i) perylene	"	ND		1	5	"	"	"	"
Benzo (k) fluoranthene	"	ND		2	5	"	"	"	"
Benzoic acid	"	ND		0.2	10	"	"	"	"
Benzyl alcohol	"	ND		1	5	"	"	"	"
Bis(2-chloroethoxy)methane	"	ND		1	5	"	"	"	"
Bis(2-chloroethyl)ether	"	ND		0.5	1	"	"	"	"
Bis(2-chloroisopropyl)ether	"	ND		1	2	"	"	"	"
Bis(2-ethylhexyl)phthalate	"	ND		2	5	"	"	"	"
4-Bromophenyl phenyl ether	"	ND		1	5	"	"	"	"
Butyl benzyl phthalate	"	ND		1	5	"	"	"	"
4-Chloroaniline	"	ND		1	2	"	"	"	"
4-Chloro-3-methylphenol	"	ND		0.5	1	"	"	"	"
2-Chloronaphthalene	"	ND		1	2	"	"	"	"
2-Chlorophenol	"	ND		1	5	"	"	"	"
4-Chlorophenyl phenyl ether	"	ND		1	5	"	"	"	"

Ruby Jones
Approved By
Basic Laboratory, Inc.



www.basiclab.com

voice 530.243.7234 2218 Railroad Avenue
fax 530.243.7494 Redding, California 96001

Report To: TWINING LABORATORIES
2527 FRESNO STREET
FRESNO, CA 93721

Attention: ANDREA SERUNTINE

Project: GENERAL TESTING 7F19023

Lab No: 7060665
Reported: 07/02/07
Phone: (559) 268-7021
P.O. #

Semi Volatile Organic Compounds

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
7F19023-02 R-2 Downstream Receiving Water Water (7060665-02) Sampled:06/19/07 10:16 Received:06/21/07 13:20									
Chrysene	"	ND		1	5	"	"	06/22/07	"
Dibenz (a,h) anthracene	"	ND		1	5	"	"	"	"
Dibenzofuran	"	ND		1	5	"	"	"	"
1,2-Dichlorobenzene	"	ND		0.5	2	"	"	"	"
1,3-Dichlorobenzene	"	ND		0.5	1	"	"	"	"
1,4-Dichlorobenzene	"	ND		0.5	1	"	"	"	"
3,3'-Dichlorobenzidine	"	ND		0.4	5	"	"	"	"
2,4-Dichlorophenol	"	ND		1	2	"	"	"	"
2,6-Dichlorophenol	"	ND		0.8	5	"	"	"	"
Diethyl phthalate	"	ND		1	2	"	"	"	"
2,4-Dimethylphenol	"	ND		1	2	"	"	"	"
4,6-Dinitro-2-methylphenol	"	ND		1	5	"	"	"	"
4,6-Dinitro-o-cresol	"	ND		0.2	5	"	"	"	"
2,4-Dinitrophenol	"	ND		1	5	"	"	"	"
Dimethyl phthalate	"	ND		1	5	"	"	"	"
Di-n-butyl phthalate	"	ND		1	5	"	"	"	"
Di-n-octyl phthalate	"	ND		1	5	"	"	"	"
2,4-Dinitrotoluene	"	ND		1	5	"	"	"	"
2,6-Dinitrotoluene	"	ND		1	5	"	"	"	"
1,2-Diphenylhydrazine	"	ND		0.2	1	"	"	"	"
Fluoranthene	"	ND		0.5	1	"	"	"	"
Fluorene	"	ND		2	5	"	"	"	"
Hexachlorobenzene	"	ND		0.5	1	"	"	"	"
Hexachlorobutadiene	"	ND		0.5	1	"	"	"	"
Hexachlorocyclopentadiene	"	ND		1	2	"	"	"	"
Hexachloroethane	"	ND		0.5	1	"	"	"	"
Indeno (1,2,3-cd) pyrene	"	ND		1	5	"	"	"	"
Isophorone	"	ND		0.5	1	"	"	"	"
Kepone	"	ND		2	5	"	"	"	"
2-Methylnaphthalene	"	ND		1	5	"	"	"	"
2-Methylphenol	"	ND		1	5	"	"	"	"
3 & 4-Methylphenol	"	ND		0.2	2	"	"	"	"
4-Methylphenol	"	ND		1	10	"	"	"	"
Naphthalene	"	ND		0.5	1	"	"	"	"
2-Nitroaniline	"	ND		1	5	"	"	"	"
3-Nitroaniline	"	ND		1	5	"	"	"	"
4-Nitroaniline	"	ND		1	5	"	"	"	"
Nitrobenzene	"	ND		0.5	1	"	"	"	"
2-Nitrophenol	"	ND		1	5	"	"	"	"
4-Nitrophenol	"	ND		1	5	"	"	"	"
N-Nitrosodimethylamine	"	ND		0.1	2	"	"	"	"
N-Nitrosodi-n-propylamine	"	ND		1	5	"	"	"	"
N-Nitrosodiphenylamine	"	ND		1	2	"	"	"	"
Pentachlorophenol	"	ND		0.5	5	"	"	"	"
Phenanthrene	"	ND		1	5	"	"	"	"
Phenol	"	ND		0.5	1	"	"	"	"
Pyrene	"	ND		1	5	"	"	"	"
Pyridine	"	ND		1	5	"	"	"	"
1,2,4-Trichlorobenzene	"	ND		1	2	"	"	"	"
2,4,5-Trichlorophenol	"	ND		1	5	"	"	"	"
2,4,6-Trichlorophenol	"	ND		1	5	"	"	"	"
Surrogate: 2-Fluorophenol		64.0 %		30.2-82.4		"	"	"	"


Approved By

Basic Laboratory, Inc.



Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

Report Prepared for:

Andrea Seruntine
The Twining Laboratories, Inc.
2527 Fresno Street
Fresno CA 93721

REPORT OF LABORATORY ANALYSIS FOR 2,3,7,8-TCDD

Report Summary:

This report contains results of two drinking water samples analyzed to determine 2,3,7,8-TCDD content. These samples were analyzed according to Method 1613 by High Resolution Gas Chromatography/High Resolution Mass Spectrometry.

Report Prepared Date:

July 9, 2007

Report Information:

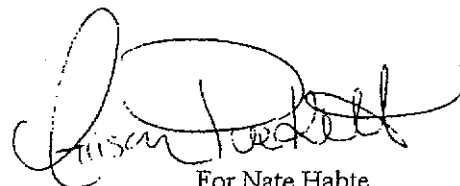
Pace Project #: 1053991
Sample Receipt Date: 06/22/2007
Client Project #: 7F19023
Client Sub PO #: N/A
State Cert #: N/A

Invoicing & Reporting Options:

The report provided has been invoiced as a Level 2 Drinking Water Report. If an upgrade of this report package is requested, an additional charge may be applied.

Please review the attached invoice for accuracy and forward any questions to Nate Habte, your Pace Project Manager.

This report has been reviewed and prepared by:



For Nate Habte

Nate Habte, Project Manager
(612) 607-6407
(612) 607-6444 (fax)
natnael.habte@pacelabs.com



Report of Laboratory Analysis

This report should not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



SUBCONTRACT ORDER

Please reference this project number on all reports and invoices: **7F19023**

We also request QC data be provided with final report.

SENDING LABORATORY:

More Twining Associates, Inc.
2521 Fresno Street
Fresno, CA 93721
Phone: (559) 268-7021
Fax: (559) 268-0740
Project Manager: Andrea Seruntine

RECEIVING LABORATORY:

Pace Analytical - Minneapolis
1700 Elm Street #200
Minneapolis, MN 55414
Phone: (612) 607-1700
Fax: (612) 607-6444

Sample Comments

Client Sample ID#: R-1 Upstream Receiving Water

MTA Sample ID: 7F19023-01 Matrix: Water

Sampled: 06/19/07 10:04

Report Due to Client: 07/03/07

Requested Analysis: Dioxin (DW) by 1613 (Sub)

Holding time expires: 06/18/08 10:04

Containers Supplied:

1L Amber Glass w/ Thio

(E)

Client Sample ID#: R-2 Downstream Receiving Water

MTA Sample ID: 7F19023-02 Matrix: Water

Sampled: 06/19/07 10:16

Report Due to Client: 07/03/07

Requested Analysis: Dioxin (DW) by 1613 (Sub)

Holding time expires: 06/18/08 10:16

Containers Supplied:

1L Amber Glass w/ Thio

(E)

Released By

Date

Received By

Date

Released By

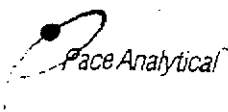
Date

Received By

Date

Please fax copy of sample receipt to (559) 268-0740

Page 1 of 1



Sample Condition Upon Receipt

Client Name: Twining

Project # 1053991

Carrier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other

Tracking #: 9544 9001 1443

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used 230194010

Type of Ice: Wet Blue None

☒ Samples on ice, cooling process has begun

Cooler Temperature 12.2°

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 6/22/07

Temp should be above freezing to 5°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>see list</u>		
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TDC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

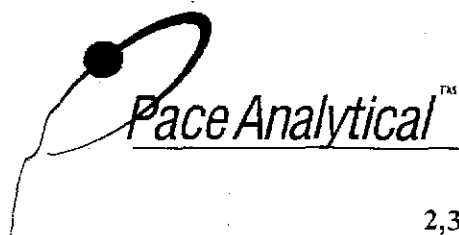
Comments/ Resolution: Temp waiver signed

Project Manager Review: VAH

Date: 6/22/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003rev.3, 11 September 2006



Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Drinking Water Analysis Results
2,3,7,8-TCDD -- USEPA Method 1613B

Tel: 612-607-1700
Fax: 612-607-6444

Sample ID.....7F19023-01

Date Collected.....06/19/2007

Client.....The Twining Laboratories, Inc.

Date Received.....06/22/2007

Lab Sample ID.....1053991001

Date Extracted.....06/27/2007

	Sample 7F19023-01	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	ND	ND	--	--
RL	5 pg/L	5 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	97%	75%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD			26.3%	
IS Recovery	41%	82%	64%	82%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	80%	91%	87%	86%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	P70627B_20	P70627B_06	P70627B_04	P70627B_05
Analysis Date	06/28/2007	06/27/2007	06/27/2007	06/27/2007
Analysis Time	02:45	19:55	18:59	19:25
Analyst	BAL	BAL	BAL	BAL
Volume	0.937L	0.915L	0.933L	0.936L
Dilution	NA	NA	NA	NA
ICAL Date	05/12/2007	05/12/2007	05/12/2007	05/12/2007
CCAL Filename	P70627B_03	P70627B_03	P70627B_03	P70627B_03

! = Outside the Control Limits

ND = Not Detected

RL = Reporting Limit

Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A

RPD = Relative Percent Difference of Lab Spike Recoveries

IS = Internal Standard [2,3,7,8-TCDD-13C12]

CS = Cleanup Standard [2,3,7,8-TCDD-37C14]

Analyst: Brian A. Lark

Project No.....1053991



Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Drinking Water Analysis Results
2,3,7,8-TCDD -- USEPA Method 1613B

Tel: 612-607-1700
Fax: 612-607-6444

Sample ID.....7F19023-02
Client.....The Twining Laboratories, Inc.
Lab Sample ID.....1053991002

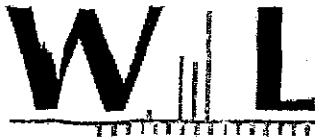
Date Collected.....06/19/2007
Date Received.....06/22/2007
Date Extracted.....06/27/2007

	Sample 7F19023-02	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	ND	ND	--	--
RL	5 pg/L	5 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	97%	75%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD			26.3%	
IS Recovery	34%	82%	64%	82%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	75%	91%	87%	86%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	P70627B_21	P70627B_06	P70627B_04	P70627B_05
Analysis Date	06/28/2007	06/27/2007	06/27/2007	06/27/2007
Analysis Time	03:15	19:55	18:59	19:25
Analyst	BAL	BAL	BAL	BAL
Volume	0.938L	0.915L	0.933L	0.936L
Dilution	NA	NA	NA	NA
ICAL Date	05/12/2007	05/12/2007	05/12/2007	05/12/2007
CCAL Filename	P70627B_03	P70627B_03	P70627B_03	P70627B_03

! = Outside the Control Limits
ND = Not Detected
RL = Reporting Limit
Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A
RPD = Relative Percent Difference of Lab Spike Recoveries
IS = Internal Standard [2,3,7,8-TCDD-13C12]
CS = Cleanup Standard [2,3,7,8-TCDD-33C14]

Analyst: Brian A. Lark

Project No.....1053991



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

14859 E. Clark Ave., Industry, CA 91745
Phone 626 336 2134 Fax 626 336 2634
info@wecklabs.com www.wecklabs.com

CERTIFICATE OF ANALYSIS

Client: Moore Twining Associates, Inc.
2527 Fresno Street
Fresno, CA. 93721
Attention: Andrea Seruntine

Report Date: 06/26/07 17:20
Received Date: 06/21/07 10:00
Turn Around: Normal

Work Order #: 7062116

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

Client Project: 7F19023

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Andrea Seruntine :

Enclosed are the results of analyses for samples received 06/21/07 10:00 with the Chain of Custody document. The samples were received in good condition, at 13.8 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

Joe Chau

Project Manager



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