

4 June, 2007

Brian Frantz
Entrix
590 Ygnacio Valley Rd
Walnut Creek, CA 94596

RE: 07124MH - Water Samples (2007)
Work Order: MQE0596

Enclosed are the results of analyses for samples received by the laboratory on 05/15/07 21:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

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The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0596
Reported:
06/04/07 17:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LCC-1 RM 0.0	MQE0596-01	Water	05/15/07 08:50	05/15/07 21:40
SFLC-3	MQE0596-02	Water	05/15/07 09:30	05/15/07 21:40
SFLC-2 RM 2.5	MQE0596-03	Water	05/15/07 11:55	05/15/07 21:40
NFLC-3	MQE0596-04	Water	05/15/07 10:20	05/15/07 21:40
SFLC-1 RM 2.0	MQE0596-05	Water	05/15/07 11:30	05/15/07 21:40
NFDLC-1 RM 2.5	MQE0596-06	Water	05/15/07 13:30	05/15/07 21:40
NFDLC-2 RM 3.0	MQE0596-07	Water	05/15/07 14:10	05/15/07 21:40

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06/04/07 17:15

INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LCC-1 RM 0.0 (MQE0596-01) Water Sampled: 05/15/07 08:50 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E29151	05/29/07	05/29/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	
SFLC-3 (MQE0596-02) Water Sampled: 05/15/07 09:30 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E29151	05/29/07	05/29/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	
SFLC-2 RM 2.5 (MQE0596-03) Water Sampled: 05/15/07 11:55 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E30138	05/30/07	05/30/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	
NFLC-3 (MQE0596-04) Water Sampled: 05/15/07 10:20 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E30138	05/30/07	05/30/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	
SFLC-1 RM 2.0 (MQE0596-05) Water Sampled: 05/15/07 11:30 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E30138	05/30/07	05/30/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	

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INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NFDLC-1 RM 2.5 (MQE0596-06) Water Sampled: 05/15/07 13:30 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E30138	05/30/07	05/30/07	EPA 351.3	
Total Organic Carbon	1.1	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	
NFDLC-2 RM 3.0 (MQE0596-07) Water Sampled: 05/15/07 14:10 Received: 05/15/07 21:40									
Ammonia-N	ND	0.50	mg/l	1	7E29103	05/29/07	05/29/07 20:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7E24156	05/24/07	05/24/07 20:27	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7E30138	05/30/07	05/30/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E24172	05/24/07	05/24/07 22:00	SM5310B	

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Total Metals by EPA 200 Series Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LCC-1 RM 0.0 (MQE0596-01) Water Sampled: 05/15/07 08:50 Received: 05/15/07 21:40									
Calcium	3.0	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.88	0.10	"	"	"	"	"	"	
Sodium	2.3	0.50	"	"	"	"	"	"	
SFLC-3 (MQE0596-02) Water Sampled: 05/15/07 09:30 Received: 05/15/07 21:40									
Calcium	2.6	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.78	0.10	"	"	"	"	"	"	
Sodium	1.9	0.50	"	"	"	"	"	"	
SFLC-2 RM 2.5 (MQE0596-03) Water Sampled: 05/15/07 11:55 Received: 05/15/07 21:40									
Calcium	3.2	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.97	0.10	"	"	"	"	"	"	
Sodium	2.1	0.50	"	"	"	"	"	"	
NFLC-3 (MQE0596-04) Water Sampled: 05/15/07 10:20 Received: 05/15/07 21:40									
Calcium	2.9	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.83	0.10	"	"	"	"	"	"	
Sodium	2.3	0.50	"	"	"	"	"	"	
SFLC-1 RM 2.0 (MQE0596-05) Water Sampled: 05/15/07 11:30 Received: 05/15/07 21:40									
Calcium	2.7	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.81	0.10	"	"	"	"	"	"	
Sodium	1.7	0.50	"	"	"	"	"	"	

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Total Metals by EPA 200 Series Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NFDLC-1 RM 2.5 (MQE0596-06) Water Sampled: 05/15/07 13:30 Received: 05/15/07 21:40									
Calcium	2.5	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.73	0.10	"	"	"	"	"	"	
Sodium	1.8	0.50	"	"	"	"	"	"	
NFDLC-2 RM 3.0 (MQE0596-07) Water Sampled: 05/15/07 14:10 Received: 05/15/07 21:40									
Calcium	2.6	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.75	0.10	"	"	"	"	"	"	
Sodium	1.9	0.50	"	"	"	"	"	"	

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Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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LCC-1 RM 0.0 (MQE0596-01) Water **Sampled: 05/15/07 08:50** **Received: 05/15/07 21:40**

Bicarbonate Alkalinity	16	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	16	5.0	"	"	"	"	"	"	
Hardness as CaCO3	11	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07	SM 4500P-E	
							10:15		
Total Dissolved Solids	36	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	0.44	0.10	NTU	"	7E18030	05/15/07	05/15/07	EPA 180.1	
							22:45		

SFLC-3 (MQE0596-02) Water **Sampled: 05/15/07 09:30** **Received: 05/15/07 21:40**

Bicarbonate Alkalinity	14	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	14	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.7	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07	SM 4500P-E	
							10:15		
Total Dissolved Solids	44	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	0.30	0.10	NTU	"	7E18030	05/15/07	05/15/07	EPA 180.1	
							22:45		

SFLC-2 RM 2.5 (MQE0596-03) Water **Sampled: 05/15/07 11:55** **Received: 05/15/07 21:40**

Bicarbonate Alkalinity	16	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	16	5.0	"	"	"	"	"	"	
Hardness as CaCO3	12	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07	SM 4500P-E	
							10:15		
Total Dissolved Solids	40	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	ND	0.10	NTU	"	7E18030	05/15/07	05/15/07	EPA 180.1	
							22:45		

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Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NFLC-3 (MQE0596-04) Water Sampled: 05/15/07 10:20 Received: 05/15/07 21:40									
Bicarbonate Alkalinity	18	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	18	5.0	"	"	"	"	"	"	
Hardness as CaCO3	11	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07	SM 4500P-E	
							10:15		
Total Dissolved Solids	48	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	0.46	0.10	NTU	"	7E18030	05/15/07	05/15/07	EPA 180.1	
							22:45		
SFLC-1 RM 2.0 (MQE0596-05) Water Sampled: 05/15/07 11:30 Received: 05/15/07 21:40									
Bicarbonate Alkalinity	18	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	18	5.0	"	"	"	"	"	"	
Hardness as CaCO3	10	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07	SM 4500P-E	
							10:15		
Total Dissolved Solids	48	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	ND	0.10	NTU	"	7E18030	05/15/07	05/15/07	EPA 180.1	
							22:45		
NFDLC-1 RM 2.5 (MQE0596-06) Water Sampled: 05/15/07 13:30 Received: 05/15/07 21:40									
Bicarbonate Alkalinity	12	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	12	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.2	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07	SM 4500P-E	
							10:15		
Total Dissolved Solids	22	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	0.18	0.10	NTU	"	7E18030	05/15/07	05/15/07	EPA 180.1	
							22:45		

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Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NFDLC-2 RM 3.0 (MQE0596-07) Water Sampled: 05/15/07 14:10 Received: 05/15/07 21:40									
Bicarbonate Alkalinity	12	5.0	mg/l	1	7E22035	05/22/07	05/22/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	12	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.6	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21011	05/16/07	05/16/07 10:15	SM 4500P-E	
Total Dissolved Solids	50	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E21008	05/16/07	05/17/07	SM 2540D	
Turbidity	0.22	0.10	NTU	"	7E18030	05/15/07	05/15/07 22:45	EPA 180.1	

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Anions by EPA Method 300.0
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LCC-1 RM 0.0 (MQE0596-01) Water Sampled: 05/15/07 08:50 Received: 05/15/07 21:40									
Chloride	1.0	1.0	mg/l	1	7E17028	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	
SFLC-3 (MQE0596-02) Water Sampled: 05/15/07 09:30 Received: 05/15/07 21:40									
Chloride	1.1	1.0	mg/l	1	7E17028	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	
SFLC-2 RM 2.5 (MQE0596-03) Water Sampled: 05/15/07 11:55 Received: 05/15/07 21:40									
Chloride	1.0	1.0	mg/l	1	7E18026	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	
NFLC-3 (MQE0596-04) Water Sampled: 05/15/07 10:20 Received: 05/15/07 21:40									
Chloride	1.2	1.0	mg/l	1	7E18026	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	
SFLC-1 RM 2.0 (MQE0596-05) Water Sampled: 05/15/07 11:30 Received: 05/15/07 21:40									
Chloride	1.0	1.0	mg/l	1	7E18026	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	
NFDLC-1 RM 2.5 (MQE0596-06) Water Sampled: 05/15/07 13:30 Received: 05/15/07 21:40									
Chloride	1.0	1.0	mg/l	1	7E18026	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	0.20	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	

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Anions by EPA Method 300.0
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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NFDLC-2 RM 3.0 (MQE0596-07) Water **Sampled: 05/15/07 14:10** **Received: 05/15/07 21:40**

Chloride	1.1	1.0	mg/l	1	7E18026	05/16/07	05/16/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	7E30026	05/29/07	05/29/07	"	

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: 07124MH - Water Samples (2007) Project Number: PCWA WQ - 3177621/0002 Project Manager: Brian Frantz	MQE0596 Reported: 06/04/07 17:15
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INORGANICS - Quality Control
TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E29103 - General Prep / EPA 350.3

Blank (7E29103-BLK1)			Prepared & Analyzed: 05/29/07							
Ammonia-N	ND	0.50	mg/l							
Laboratory Control Sample (7E29103-BS1)			Prepared & Analyzed: 05/29/07							
Ammonia-N	1.04	0.50	mg/l	1.00		104	85-115			
Matrix Spike (7E29103-MS1)			Source: IQE2193-01		Prepared & Analyzed: 05/29/07					
Ammonia-N	1.87	0.50	mg/l	2.00	0.079	90	75-125			
Matrix Spike Dup (7E29103-MSD1)			Source: IQE2193-01		Prepared & Analyzed: 05/29/07					
Ammonia-N	1.95	0.50	mg/l	2.00	0.079	94	75-125	4	15	

Batch 7E29151 - General Prep / EPA 351.3

Blank (7E29151-BLK1)			Prepared & Analyzed: 05/29/07							
Total Kjeldahl Nitrogen	ND	0.50	mg/l							
Laboratory Control Sample (7E29151-BS1)			Prepared & Analyzed: 05/29/07							
Total Kjeldahl Nitrogen	19.6	0.50	mg/l	20.0		98	85-120			
Matrix Spike (7E29151-MS1)			Source: IQE2261-01		Prepared & Analyzed: 05/29/07					
Total Kjeldahl Nitrogen	10.6	0.50	mg/l	10.0	0.56	100	85-120			
Matrix Spike Dup (7E29151-MSD1)			Source: IQE2261-01		Prepared & Analyzed: 05/29/07					
Total Kjeldahl Nitrogen	10.9	0.50	mg/l	10.0	0.56	103	85-120	3	15	

Batch 7E30138 - General Prep / EPA 351.3

Blank (7E30138-BLK1)			Prepared & Analyzed: 05/30/07							
Total Kjeldahl Nitrogen	ND	0.50	mg/l							

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: 07124MH - Water Samples (2007) Project Number: PCWA WQ - 3177621/0002 Project Manager: Brian Frantz	MQE0596 Reported: 06/04/07 17:15
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INORGANICS - Quality Control
TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E30138 - General Prep / EPA 351.3

Laboratory Control Sample (7E30138-BS1)				Prepared & Analyzed: 05/30/07						
Total Kjeldahl Nitrogen	19.3	0.50	mg/l	20.0		96	85-120			
Matrix Spike (7E30138-MS1)				Source: IQE2228-01 Prepared & Analyzed: 05/30/07						
Total Kjeldahl Nitrogen	10.6	0.50	mg/l	10.0	0.56	100	85-120			
Matrix Spike Dup (7E30138-MSD1)				Source: IQE2228-01 Prepared & Analyzed: 05/30/07						
Total Kjeldahl Nitrogen	10.9	0.50	mg/l	10.0	0.56	103	85-120	3	15	

Batch 7E24156 - General Prep / EPA 365.3

Blank (7E24156-BLK1)				Prepared & Analyzed: 05/24/07						
Phosphorus	ND	0.050	mg/l							
Laboratory Control Sample (7E24156-BS1)				Prepared & Analyzed: 05/24/07						
Phosphorus	1.04	0.050	mg/l	1.00		104	80-120			
Matrix Spike (7E24156-MS1)				Source: MQE0596-04 Prepared & Analyzed: 05/24/07						
Phosphorus	1.04	0.050	mg/l	1.00	ND	104	65-130			
Matrix Spike Dup (7E24156-MSD1)				Source: MQE0596-04 Prepared & Analyzed: 05/24/07						
Phosphorus	1.04	0.050	mg/l	1.00	ND	104	65-130	0	15	

Batch 7E24172 - General Prep / SM5310B

Blank (7E24172-BLK1)				Prepared & Analyzed: 05/24/07						
Total Organic Carbon	ND	1.0	mg/l							

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: 07124MH - Water Samples (2007) Project Number: PCWA WQ - 3177621/0002 Project Manager: Brian Frantz	MQE0596 Reported: 06/04/07 17:15
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INORGANICS - Quality Control
TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E24172 - General Prep / SM5310B

Laboratory Control Sample (7E24172-BS1)				Prepared & Analyzed: 05/24/07						
Total Organic Carbon	10.2	1.0	mg/l	10.0		102	90-110			
Matrix Spike (7E24172-MS1)				Prepared & Analyzed: 05/24/07						
Total Organic Carbon	5.30	1.0	mg/l	5.00	ND	106	80-120			
Matrix Spike Dup (7E24172-MSD1)				Prepared & Analyzed: 05/24/07						
Total Organic Carbon	5.48	1.0	mg/l	5.00	ND	110	80-120	3	20	

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: 07124MH - Water Samples (2007) Project Number: PCWA WQ - 3177621/0002 Project Manager: Brian Frantz	MQE0596 Reported: 06/04/07 17:15
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Total Metals by EPA 200 Series Methods - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E21046 - EPA 200.7/3005A / EPA 200.7

Blank (7E21046-BLK1) Prepared: 05/21/07 Analyzed: 05/22/07

Sodium	ND	0.50	mg/l							
Calcium	ND	0.50	"							
Potassium	ND	2.0	"							
Magnesium	ND	0.10	"							

Laboratory Control Sample (7E21046-BS1) Prepared: 05/21/07 Analyzed: 05/22/07

Calcium	10.7	0.50	mg/l	10.0	107	85-115				
Sodium	10.9	0.50	"	10.0	109	85-115				
Magnesium	10.9	0.10	"	10.0	109	85-115				
Potassium	11.3	2.0	"	10.0	113	85-115				

Matrix Spike (7E21046-MS1) Source: MQE0587-01 Prepared: 05/21/07 Analyzed: 05/22/07

Potassium	37.1	2.0	mg/l	10.0	25	121	70-130			
Calcium	30.7	0.50	"	10.0	19	117	70-130			
Sodium	94.6	0.50	"	10.0	77	176	70-130			M7
Magnesium	14.1	0.10	"	10.0	3.6	105	70-130			

Matrix Spike Dup (7E21046-MSD1) Source: MQE0587-01 Prepared: 05/21/07 Analyzed: 05/22/07

Magnesium	14.4	0.10	mg/l	10.0	3.6	108	70-130	2	20	
Calcium	31.6	0.50	"	10.0	19	126	70-130	3	20	
Potassium	36.7	2.0	"	10.0	25	117	70-130	1	20	
Sodium	93.6	0.50	"	10.0	77	166	70-130	1	20	M7

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0596
Reported:
06/04/07 17:15

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E18030 - General Preparation / EPA 180.1

Blank (7E18030-BLK1)										
										Prepared & Analyzed: 05/15/07
Turbidity	ND	0.10	NTU							
Laboratory Control Sample (7E18030-BS1)										
										Prepared & Analyzed: 05/15/07
Turbidity	1.98	0.10	NTU	2.00		99	85-115			
Matrix Spike (7E18030-MS1)										
										Prepared & Analyzed: 05/15/07
Turbidity	2.06	0.10	NTU	2.00	ND	103	85-115			
Matrix Spike Dup (7E18030-MSD1)										
										Prepared & Analyzed: 05/15/07
Turbidity	1.99	0.10	NTU	2.00	ND	100	85-115	3	15	

Batch 7E22035 - General Preparation / SM 2320B

Blank (7E22035-BLK1)										
										Prepared & Analyzed: 05/22/07
Bicarbonate Alkalinity	ND	5.0	mg/l							
Carbonate Alkalinity	ND	5.0	"							
Hydroxide Alkalinity	ND	5.0	"							
Total Alkalinity	ND	5.0	"							
Laboratory Control Sample (7E22035-BS1)										
										Prepared & Analyzed: 05/22/07
Total Alkalinity	96.2	5.0	mg/l	100	12	94	80-115			
Matrix Spike (7E22035-MS1)										
										Prepared & Analyzed: 05/22/07
Total Alkalinity	106	5.0	mg/l	100	12	94	80-115			
Matrix Spike Dup (7E22035-MSD1)										
										Prepared & Analyzed: 05/22/07
Total Alkalinity	106	5.0	mg/l	100	12	94	80-115	0	20	

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0596
Reported:
06/04/07 17:15

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E21021 - General Preparation / SM 2540C

Blank (7E21021-BLK1)											
					Prepared: 05/16/07 Analyzed: 05/17/07						
Total Dissolved Solids	ND	10	mg/l								
Laboratory Control Sample (7E21021-BS1)											
					Prepared: 05/16/07 Analyzed: 05/17/07						
Total Dissolved Solids	514	10	mg/l	500		103	85-115				
Duplicate (7E21021-DUP1)											
					Source: MQE0590-03			Prepared: 05/16/07 Analyzed: 05/17/07			
Total Dissolved Solids	350	10	mg/l		370			6	20		

Batch 7E21008 - General Preparation / SM 2540D

Blank (7E21008-BLK1)											
					Prepared: 05/16/07 Analyzed: 05/17/07						
Total Suspended Solids	ND	10	mg/l								
Duplicate (7E21008-DUP1)											
					Source: MQE0590-01			Prepared: 05/16/07 Analyzed: 05/17/07			
Total Suspended Solids	211	10	mg/l		210			0.5	20		

Batch 7E21011 - General Preparation / SM 4500P-E

Blank (7E21011-BLK1)											
					Prepared & Analyzed: 05/16/07						
Phosphate (Ortho) as P	ND	0.010	mg/l								
Laboratory Control Sample (7E21011-BS1)											
					Prepared & Analyzed: 05/16/07						
Phosphate (Ortho) as P	0.253	0.010	mg/l	0.250		101	90-115				
Matrix Spike (7E21011-MS1)											
					Source: MQE0596-01			Prepared & Analyzed: 05/16/07			
Phosphate (Ortho) as P	0.248	0.010	mg/l	0.250	ND	99	90-115				

Entrix
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Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0596
Reported:
06/04/07 17:15

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E21011 - General Preparation / SM 4500P-E

Matrix Spike Dup (7E21011-MSD1)	Source: MQE0596-01			Prepared & Analyzed: 05/16/07						
Phosphate (Ortho) as P	0.250	0.010	mg/l	0.250	ND	100	90-115	0.8	15	

Batch 7E21046 - EPA 200.7/3005A / SM2340B

Blank (7E21046-BLK1)	Prepared: 05/21/07 Analyzed: 05/22/07									
Hardness as CaCO3	ND	1.0	mg/l							

Laboratory Control Sample (7E21046-BS1)	Prepared: 05/21/07 Analyzed: 05/22/07									
Hardness as CaCO3	71.6	1.0	mg/l	66.2	62	110	85-115			

Matrix Spike (7E21046-MS1)	Source: MQE0587-01			Prepared: 05/21/07 Analyzed: 05/22/07						
Hardness as CaCO3	135	1.0	mg/l	66.2	62	110	85-115			

Matrix Spike Dup (7E21046-MSD1)	Source: MQE0587-01			Prepared: 05/21/07 Analyzed: 05/22/07						
Hardness as CaCO3	138	1.0	mg/l	66.2	62	115	85-115	2	20	

Entrix
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Project: 07124MH - Water Samples (2007)
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Project Manager: Brian Frantz

MQE0596
Reported:
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Anions by EPA Method 300.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E17028 - General Preparation / EPA 300.0

Blank (7E17028-BLK1)										
										Prepared & Analyzed: 05/16/07
Chloride	ND	1.0	mg/l							
Nitrite+Nitrate as N	ND	0.20	"							
Laboratory Control Sample (7E17028-BS1)										
										Prepared & Analyzed: 05/16/07
Nitrite+Nitrate as N	3.90	0.20	mg/l	3.78	6.0	78	80-115			
Chloride	10.0	1.0	"	10.0	13	89	80-120			
Matrix Spike (7E17028-MS1)										
										Source: MQE0554-06
										Prepared & Analyzed: 05/16/07
Nitrite+Nitrate as N	8.94	2.0	mg/l	3.78	6.0	78	80-115			M8
Chloride	21.9	10	"	10.0	13	89	80-120			
Matrix Spike Dup (7E17028-MSD1)										
										Source: MQE0554-06
										Prepared & Analyzed: 05/16/07
Chloride	21.6	10	mg/l	10.0	13	86	80-120	1	20	
Nitrite+Nitrate as N	8.82	2.0	"	3.78	6.0	75	80-115	1	10	M8

Batch 7E18026 - General Preparation / EPA 300.0

Blank (7E18026-BLK1)										
										Prepared & Analyzed: 05/16/07
Chloride	ND	1.0	mg/l							
Nitrite+Nitrate as N	ND	0.20	"							
Laboratory Control Sample (7E18026-BS1)										
										Prepared & Analyzed: 05/16/07
Chloride	10.0	1.0	mg/l	10.0	1.0	91	80-120			
Nitrite+Nitrate as N	3.90	0.20	"	3.78	ND	100	80-115			
Matrix Spike (7E18026-MS1)										
										Source: MQE0596-03
										Prepared & Analyzed: 05/16/07
Chloride	10.1	1.0	mg/l	10.0	1.0	91	80-120			
Nitrite+Nitrate as N	3.78	0.20	"	3.78	ND	100	80-115			

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0596
Reported:
06/04/07 17:15

Anions by EPA Method 300.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7E18026 - General Preparation / EPA 300.0

Matrix Spike Dup (7E18026-MSD1)		Source: MQE0596-03		Prepared & Analyzed: 05/16/07						
Nitrite+Nitrate as N	3.77	0.20	mg/l	3.78	ND	100	80-115	0.3	10	
Chloride	9.97	1.0	"	10.0	1.0	90	80-120	1	20	

Batch 7E30026 - General Preparation / EPA 300.0

Blank (7E30026-BLK1)		Prepared & Analyzed: 05/29/07								
Sulfate as SO4	ND	0.50	mg/l							

Laboratory Control Sample (7E30026-BS1)		Prepared & Analyzed: 05/29/07								
Sulfate as SO4	9.98	0.50	mg/l	10.0		100	90-110			

Matrix Spike (7E30026-MS1)		Source: MQE0595-01		Prepared & Analyzed: 05/29/07						
Sulfate as SO4	11.1	0.50	mg/l	10.0	0.72	104	80-120			

Matrix Spike Dup (7E30026-MSD1)		Source: MQE0595-01		Prepared & Analyzed: 05/29/07						
Sulfate as SO4	11.3	0.50	mg/l	10.0	0.72	106	80-120	2	20	

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0596
Reported:
06/04/07 17:15

Notes and Definitions

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

TEST AMERICA SAMPLE RECEIPT LOG

For Regulatory Purposes
 DRINKING WATER YES / NO
 WASTE WATER YES / NO

DATE REC'D AT LAB: 5/15/07
 TIME REC'D AT LAB: 2:40
 DATE LOGGED IN:

CLIENT NAME: ENRIX
 REC. BY (PRINT): JWIENG
 WORKORDER:

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <input type="checkbox"/> Present / <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Intact / <input checked="" type="checkbox"/> Broken		LCC-1	2(L) P 1(500) A	- HCL	-	W	5/15	
2. Chain-of-Custody <input type="checkbox"/> Present / <input checked="" type="checkbox"/> Absent*			1(L) P 1(L) P	HNO3 H2SO4	↓	↓	↓	
3. Traffic Reports or Packing List: <input type="checkbox"/> Present / <input checked="" type="checkbox"/> Absent		SFLC-3	S	A	A	A	E	
4. Airbill: <input type="checkbox"/> Airbill / <input checked="" type="checkbox"/> Slicker <input type="checkbox"/> Present / <input checked="" type="checkbox"/> Absent		SFLC-2						
5. Airbill #: <input type="checkbox"/> Present / <input checked="" type="checkbox"/> Absent		NFLC-3						
6. Sample Labels: <input type="checkbox"/> Listed / <input checked="" type="checkbox"/> Not Listed		SFLC-1						
7. Sample IDs: <input type="checkbox"/> on Chain-of-Custody		NFLC-1						
8. Sample Condition: <input type="checkbox"/> Intact / <input checked="" type="checkbox"/> Broken* / Leaking*		NFLC-2						
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No*								
10. Sample received within hold time? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No*								
11. Adequate sample volume received? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No*								
12. Proper preservatives used? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="checkbox"/> Yes / <input checked="" type="checkbox"/> No*								
14. Read Temp: Corrected Temp: Is corrected temp 4 +/- 2°C? (tolerance range for samples requiring thermal pres.) Condition (if any): METALS / DIFF ON ICE Problem COC								

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.