

4 June, 2007

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

RE: 07124MH - Water Samples (2007)
Work Order: MQE0595

Enclosed are the results of analyses for samples received by the laboratory on 05/16/07 20:55. 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

MQE0595
Reported:
06/04/07 17:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MFAR-6 RM 36.5	MQE0595-01	Water	05/16/07 08:50	05/16/07 20:55
MFAR-5 RM 35.5	MQE0595-02	Water	05/16/07 09:25	05/16/07 20:55
IR-1 RM 36.0	MQE0595-03	Water	05/16/07 10:10	05/16/07 20:55
NFAR-1 RM 20.5	MQE0595-04	Water	05/16/07 14:30	05/16/07 20:55
MFAR-11 RM 0.0	MQE0595-05	Water	05/16/07 15:10	05/16/07 20:55

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06/04/07 17:14

INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MFAR-6 RM 36.5 (MQE0595-01) Water Sampled: 05/16/07 08:50 Received: 05/16/07 20:55									
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	
MFAR-5 RM 35.5 (MQE0595-02) Water Sampled: 05/16/07 09:25 Received: 05/16/07 20:55									
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	3.9	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	
IR-1 RM 36.0 (MQE0595-03) Water Sampled: 05/16/07 10:10 Received: 05/16/07 20:55									
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	1.1	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	
NFAR-1 RM 20.5 (MQE0595-04) Water Sampled: 05/16/07 14:30 Received: 05/16/07 20:55									
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	
MFAR-11 RM 0.0 (MQE0595-05) Water Sampled: 05/16/07 15:10 Received: 05/16/07 20:55									
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	

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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
MFAR-6 RM 36.5 (MQE0595-01) Water Sampled: 05/16/07 08:50 Received: 05/16/07 20:55									
Calcium	3.5	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	1.5	0.50	"	"	"	"	"	"	
MFAR-5 RM 35.5 (MQE0595-02) Water Sampled: 05/16/07 09:25 Received: 05/16/07 20:55									
Calcium	5.3	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	1.8	0.50	"	"	"	"	"	"	
IR-1 RM 36.0 (MQE0595-03) Water Sampled: 05/16/07 10:10 Received: 05/16/07 20:55									
Calcium	4.9	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.92	0.10	"	"	"	"	"	"	
Sodium	1.8	0.50	"	"	"	"	"	"	
NFAR-1 RM 20.5 (MQE0595-04) Water Sampled: 05/16/07 14:30 Received: 05/16/07 20:55									
Calcium	6.0	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	1.5	0.10	"	"	"	"	"	"	
Sodium	1.8	0.50	"	"	"	"	"	"	
MFAR-11 RM 0.0 (MQE0595-05) Water Sampled: 05/16/07 15:10 Received: 05/16/07 20:55									
Calcium	5.1	0.50	mg/l	1	7E21046	05/21/07	05/22/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	1.3	0.10	"	"	"	"	"	"	
Sodium	1.7	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
MFAR-6 RM 36.5 (MQE0595-01) Water Sampled: 05/16/07 08:50 Received: 05/16/07 20:55									
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	"	"	7E21012	05/17/07	05/17/07	SM 4500P-E	
							10:10		
Total Dissolved Solids	24	10	"	"	7E24045	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E18007	05/17/07	05/18/07	SM 2540D	
Turbidity	0.44	0.10	NTU	"	7E18031	05/16/07	05/16/07	EPA 180.1	
							21:45		
MFAR-5 RM 35.5 (MQE0595-02) Water Sampled: 05/16/07 09:25 Received: 05/16/07 20:55									
Bicarbonate Alkalinity	22	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	22	5.0	"	"	"	"	"	"	
Hardness as CaCO3	17	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21012	05/17/07	05/17/07	SM 4500P-E	
							10:10		
Total Dissolved Solids	46	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E18007	05/17/07	05/18/07	SM 2540D	
Turbidity	0.86	0.10	NTU	"	7E18031	05/16/07	05/16/07	EPA 180.1	
							21:45		
IR-1 RM 36.0 (MQE0595-03) Water Sampled: 05/16/07 10:10 Received: 05/16/07 20:55									
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	16	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21012	05/17/07	05/17/07	SM 4500P-E	
							10:10		
Total Dissolved Solids	34	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E18007	05/17/07	05/18/07	SM 2540D	
Turbidity	2.2	0.10	NTU	"	7E18031	05/16/07	05/16/07	EPA 180.1	
							21:45		

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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
NFAR-1 RM 20.5 (MQE0595-04) Water Sampled: 05/16/07 14:30 Received: 05/16/07 20:55									
Bicarbonate Alkalinity	26	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	26	5.0	"	"	"	"	"	"	
Hardness as CaCO3	21	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21012	05/17/07	05/17/07	SM 4500P-E	
							10:10		
Total Dissolved Solids	38	10	"	"	7E21021	05/16/07	05/17/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E18007	05/17/07	05/18/07	SM 2540D	
Turbidity	0.53	0.10	NTU	"	7E18031	05/16/07	05/16/07	EPA 180.1	
							21:45		
MFAR-11 RM 0.0 (MQE0595-05) Water Sampled: 05/16/07 15:10 Received: 05/16/07 20:55									
Bicarbonate Alkalinity	22	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	22	5.0	"	"	"	"	"	"	
Hardness as CaCO3	18	1.0	"	"	7E21046	05/21/07	05/22/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E21012	05/17/07	05/17/07	SM 4500P-E	
							10:10		
Total Dissolved Solids	60	10	"	"	7E24045	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E18007	05/17/07	05/18/07	SM 2540D	
Turbidity	0.44	0.10	NTU	"	7E18031	05/16/07	05/16/07	EPA 180.1	
							21:45		

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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
MFAR-6 RM 36.5 (MQE0595-01) Water Sampled: 05/16/07 08:50 Received: 05/16/07 20:55									
Chloride	1.1	1.0	mg/l	1	7E19009	05/17/07	05/17/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.72	0.50	"	"	7E30026	05/29/07	05/29/07	"	
MFAR-5 RM 35.5 (MQE0595-02) Water Sampled: 05/16/07 09:25 Received: 05/16/07 20:55									
Chloride	1.2	1.0	mg/l	1	7E19009	05/17/07	05/17/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.74	0.50	"	"	7E30026	05/29/07	05/29/07	"	
IR-1 RM 36.0 (MQE0595-03) Water Sampled: 05/16/07 10:10 Received: 05/16/07 20:55									
Chloride	1.1	1.0	mg/l	1	7E19009	05/17/07	05/17/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.75	0.50	"	"	7E30026	05/29/07	05/29/07	"	
NFAR-1 RM 20.5 (MQE0595-04) Water Sampled: 05/16/07 14:30 Received: 05/16/07 20:55									
Chloride	1.5	1.0	mg/l	1	7E19009	05/17/07	05/17/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	2.0	0.50	"	"	7E30026	05/29/07	05/29/07	"	
MFAR-11 RM 0.0 (MQE0595-05) Water Sampled: 05/16/07 15:10 Received: 05/16/07 20:55									
Chloride	1.6	1.0	mg/l	1	7E19009	05/17/07	05/17/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.8	0.50	"	"	7E30026	05/29/07	05/29/07	"	

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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)										
										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)										
										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)										
										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)										
										Prepared & Analyzed: 05/29/07
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							

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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 7E24156 - General Prep / EPA 365.3

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: IQE2262-04 Prepared & Analyzed: 05/24/07										
Phosphorus	1.04	0.050	mg/l	1.00	ND	104	65-130			
Matrix Spike Dup (7E24156-MSD1)										
Source: IQE2262-04 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							
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)										
Source: IQE2262-02 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)										
Source: IQE2262-02 Prepared & Analyzed: 05/24/07										
Total Organic Carbon	5.48	1.0	mg/l	5.00	ND	110	80-120	3	20	

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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

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

Laboratory Control Sample (7E21046-BS1)

Prepared: 05/21/07 Analyzed: 05/22/07

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

Matrix Spike (7E21046-MS1)

Source: MQE0587-01

Prepared: 05/21/07 Analyzed: 05/22/07

Magnesium	14.1	0.10	mg/l	10.0	3.6	105	70-130			
Potassium	37.1	2.0	"	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

Matrix Spike Dup (7E21046-MSD1)

Source: MQE0587-01

Prepared: 05/21/07 Analyzed: 05/22/07

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

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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 7E18031 - General Preparation / EPA 180.1

Blank (7E18031-BLK1)										
										Prepared & Analyzed: 05/16/07
Turbidity	ND	0.10	NTU							
Laboratory Control Sample (7E18031-BS1)										
										Prepared & Analyzed: 05/16/07
Turbidity	1.86	0.10	NTU	2.00		93	85-115			
Matrix Spike (7E18031-MS1)										
										Prepared & Analyzed: 05/16/07
Turbidity	2.15	0.10	NTU	2.00	0.44	86	85-115			
Matrix Spike Dup (7E18031-MSD1)										
										Prepared & Analyzed: 05/16/07
Turbidity	2.32	0.10	NTU	2.00	0.44	94	85-115	8	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		96	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

MQE0595
Reported:
06/04/07 17:14

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
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 7E24045 - General Preparation / SM 2540C										
Blank (7E24045-BLK1) Prepared: 05/22/07 Analyzed: 05/23/07										
Total Dissolved Solids	ND	10	mg/l							
Laboratory Control Sample (7E24045-BS1) Prepared: 05/22/07 Analyzed: 05/23/07										
Total Dissolved Solids	498	10	mg/l	500		100	85-115			
Duplicate (7E24045-DUP1) Source: MQE0632-06 Prepared: 05/22/07 Analyzed: 05/23/07										
Total Dissolved Solids	130	10	mg/l		130			0	20	
Batch 7E18007 - General Preparation / SM 2540D										
Blank (7E18007-BLK1) Prepared: 05/17/07 Analyzed: 05/18/07										
Total Suspended Solids	ND	10	mg/l							
Duplicate (7E18007-DUP1) Source: MQE0571-01 Prepared: 05/17/07 Analyzed: 05/18/07										
Total Suspended Solids	75.7	10	mg/l		110			37	20	R2

Entrix
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Project Manager: Brian Frantz

MQE0595
Reported:
06/04/07 17:14

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 7E21012 - General Preparation / SM 4500P-E

Blank (7E21012-BLK1)				Prepared & Analyzed: 05/17/07						
Phosphate (Ortho) as P	ND	0.010	mg/l							
Laboratory Control Sample (7E21012-BS1)				Prepared & Analyzed: 05/17/07						
Phosphate (Ortho) as P	0.250	0.010	mg/l	0.250		100	90-115			
Matrix Spike (7E21012-MS1)				Source: MQE0595-01 Prepared & Analyzed: 05/17/07						
Phosphate (Ortho) as P	0.257	0.010	mg/l	0.250	ND	103	90-115			
Matrix Spike Dup (7E21012-MSD1)				Source: MQE0595-01 Prepared & Analyzed: 05/17/07						
Phosphate (Ortho) as P	0.252	0.010	mg/l	0.250	ND	101	90-115	2	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		108	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
590 Ygnacio Valley Rd
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Project: 07124MH - Water Samples (2007)
Project Number: PCWA WQ - 3177621/0002
Project Manager: Brian Frantz

MQE0595
Reported:
06/04/07 17:14

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 7E19009 - General Preparation / EPA 300.0

Blank (7E19009-BLK1)

Prepared & Analyzed: 05/17/07

Nitrite+Nitrate as N	ND	0.20	mg/l							
Chloride	ND	1.0	"							

Laboratory Control Sample (7E19009-BS1)

Prepared & Analyzed: 05/17/07

Chloride	9.92	1.0	mg/l	10.0	0.72	89	90-110			
Nitrite+Nitrate as N	3.84	0.20	"	3.78	ND	102	80-115			

Matrix Spike (7E19009-MS1)

Source: MQE0685-02

Prepared & Analyzed: 05/17/07

Chloride	9.60	1.0	mg/l	10.0	0.72	89	80-120			
Nitrite+Nitrate as N	3.74	0.20	"	3.78	ND	99	80-115			

Matrix Spike Dup (7E19009-MSD1)

Source: MQE0685-02

Prepared & Analyzed: 05/17/07

Chloride	9.80	1.0	mg/l	10.0	0.72	91	80-120	2	20	
Nitrite+Nitrate as N	3.85	0.20	"	3.78	ND	102	80-115	3	10	

Batch 7E30026 - General Preparation / EPA 300.0

Blank (7E30026-BLK1)

Prepared & Analyzed: 05/29/07

Sulfate as SO4	ND	0.50	mg/l							
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Laboratory Control Sample (7E30026-BS1)

Prepared & Analyzed: 05/29/07

Sulfate as SO4	9.98	0.50	mg/l	10.0	0.72	104	90-110			
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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			
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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	
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Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

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

MQE0595
Reported:
06/04/07 17:14

Notes and Definitions

R2 The RPD exceeded the acceptance limit.

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

TestAmerica

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY RECORD

Nashville, TN
 Dayton, OH
 Orlando, FL
 Cedar Falls, IA
 Indianapolis, IN
 Morgan Hill, CA
 Watertown, WI
 Pontiac, MI

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Client Name/Account #: EntriX

Compliance Monitoring? Yes No

Enforcement Action? Yes No

Address: 590 Ygnacio Valley Rd, Suite 200

City/State/Zip: Walnut Creek, CA 94596

Project Manager: Brian Frantz

Telephone Number: 925-935-9920

Fax No.: 925-935-5368

Sampler Name: (Print) Coralie Dayde - Jillian Aldrin

Sampler Signature: Coralie Dayde

Report To: Brian Frantz

Invoice To: Brian Frantz

TA Quote #: 07124MH

Project ID: PCWA WQ

Project #: 3177621/0002

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix							Analyze For:	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report											
							Ice	HNO ₃	HCl	NaOH	H ₂ SO ₄ Plastic	H ₂ SO ₄ Glass	None	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (Stream / reservoir water)						Alkalinity Turbidity N SO ₄	TSS TDS Cl-O-PHOS	TOC	Hardness K Mg Na	Ammonia Phosphorus TKN						
MAR-6 RM 36.5	5/16/07	8:50	5	X			X	X	X	X	X	X																								
MAR-5 RM 35.5	5/16/07	9:25	5	X			X	X	X	X	X	X																								
IRB-1 RM 36.0	5/16	10:10	5	X			X	X	X	X	X	X																								
NFAR-1 RM 20.5	5/16	14:30	5	X			X	X	X	X	X	X																								
NFAR-11 RM 0.0	5/16	15:10	5	X			X	X	X	X	X	X																								
Field Blank 1	5/16	15:0	5	X			X	X	X	X	X	X																								

Special Instructions:

Method of Shipment:

Received by:

Coralie Dayde
Received by TestAmerica:

Time

Date

Time

Date

Time

Date

FEDEX

Date

Time

Temperature Upon Receipt:

2.6°C

VOCs Free of Headspace?

Y N

Laboratory Comments:

TEST AMERICA SAMPLE RECEIPT LOG

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

CLIENT NAME: ENTRIX
 REC. BY (PRINT): JWENGG
 WORKORDER: _____

DATE REC'D AT LAB: 5/16/07
 TIME REC'D AT LAB: 2055
 DATE LOGGED IN: _____

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="radio"/> Present / <input checked="" type="radio"/> Absent <input type="radio"/> Intact / <input checked="" type="radio"/> Broken		MFAR-6 RM 36.5	2(L) P	-	-	W	5/16	
2. Chain-of-Custody <input type="radio"/> Present / <input checked="" type="radio"/> Absent*			1(L) P	HIND3	-	↓	↓	
3. Traffic Reports or Packing List: <input type="radio"/> Present / <input checked="" type="radio"/> Absent			1(L) P	H2SO4	↓	↓		
4. Airbill: <input type="radio"/> Present / <input checked="" type="radio"/> Absent			1(500) A	HCL	↓			
5. Airbill #:		MFAR-5 RM 35.5						
6. Sample Labels: <input type="radio"/> Present / <input checked="" type="radio"/> Absent		IR-1 RM 36.0						
7. Sample IDs: <input type="radio"/> Listed / <input checked="" type="radio"/> Not Listed		NFAR-1 RM 20.5						
8. Sample Condition: <input type="radio"/> Intact / <input checked="" type="radio"/> Broken* / Leaking		MFAR-11 RM 0.0						
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
10. Sample received within hold time? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
12. Proper preservatives used? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes)								
14. Read Temp: Corrected Temp: Is corrected temp 4 +/- 2°C? (balance range for samples requiring thermal pres) Condition (if any): METALS / OFF ON ICE								

SAMPLE NO: 5/17/07

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