

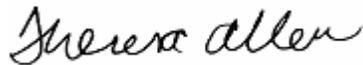
12 June, 2007

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

RE: PCWA WQ
Work Order: MQE0742

Enclosed are the results of analyses for samples received by the laboratory on 05/21/07 21:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Theresa Allen For 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: PCWA WQ
Project Number: 3177621/0002
Project Manager: Brian Frantz

MQE0742
Reported:
06/12/07 11:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LCC-2 RM0.0	MQE0742-01	Water	05/21/07 09:40	05/21/07 21:00
RR-5 RM 3.5	MQE0742-02	Water	05/21/07 09:20	05/21/07 21:00
RR-6 RM 3.0	MQE0742-03	Water	05/21/07 10:15	05/21/07 21:00
MFAR-9 RM24.0	MQE0742-04	Water	05/21/07 13:30	05/21/07 21:00
MFAR-8 RM24.5	MQE0742-05	Water	05/21/07 14:00	05/21/07 21:00
RR-7 RM0.0	MQE0742-06	Water	05/21/07 14:45	05/21/07 21:00

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INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LCC-2 RM0.0 (MQE0742-01) Water Sampled: 05/21/07 09:40 Received: 05/21/07 21:00									
Ammonia-N	ND	0.50	mg/l	1	7F01105	06/01/07	06/02/07 15:08	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01144	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7F02061	06/02/07	06/02/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25133	05/25/07	05/25/07 18:12	SM5310B	
RR-5 RM 3.5 (MQE0742-02) Water Sampled: 05/21/07 09:20 Received: 05/21/07 21:00									
Ammonia-N	ND	0.50	mg/l	1	7F01105	06/01/07	06/01/07 17:19	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01144	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	ND	0.50	"	"	7F02061	06/02/07	06/02/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25133	05/25/07	05/25/07 18:12	SM5310B	
RR-6 RM 3.0 (MQE0742-03) Water Sampled: 05/21/07 10:15 Received: 05/21/07 21:00									
Ammonia-N	0.62	0.50	mg/l	1	7F01105	06/01/07	06/02/07 15:08	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01144	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.84	0.50	"	"	7F02061	06/02/07	06/02/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25133	05/25/07	05/25/07 18:12	SM5310B	
MFAR-9 RM24.0 (MQE0742-04) Water Sampled: 05/21/07 13:30 Received: 05/21/07 21:00									
Ammonia-N	ND	0.50	mg/l	1	7F01105	06/01/07	06/02/07 15:08	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01144	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7F02061	06/02/07	06/02/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25133	05/25/07	05/25/07 18:12	SM5310B	
MFAR-8 RM24.5 (MQE0742-05) Water Sampled: 05/21/07 14:00 Received: 05/21/07 21:00									
Ammonia-N	ND	0.50	mg/l	1	7F01105	06/01/07	06/02/07 15:08	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01144	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7F02061	06/02/07	06/02/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25133	05/25/07	05/25/07 18:12	SM5310B	

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INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RR-7 RM0.0 (MQE0742-06) Water Sampled: 05/21/07 14:45 Received: 05/21/07 21:00									
Ammonia-N	ND	0.50	mg/l	1	7F01105	06/01/07	06/02/07 15:08	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01144	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7F02061	06/02/07	06/02/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25133	05/25/07	05/25/07 18:12	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-2 RM0.0 (MQE0742-01) Water Sampled: 05/21/07 09:40 Received: 05/21/07 21:00									
Calcium	4.7	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	1.2	0.10	"	"	"	"	"	"	
Sodium	2.6	0.50	"	"	"	"	"	"	
RR-5 RM 3.5 (MQE0742-02) Water Sampled: 05/21/07 09:20 Received: 05/21/07 21:00									
Calcium	5.2	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.90	0.10	"	"	"	"	"	"	
Sodium	2.9	0.50	"	"	"	"	"	"	
RR-6 RM 3.0 (MQE0742-03) Water Sampled: 05/21/07 10:15 Received: 05/21/07 21:00									
Calcium	5.0	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.95	0.10	"	"	"	"	"	"	
Sodium	2.9	0.50	"	"	"	"	"	"	
MFAR-9 RM24.0 (MQE0742-04) Water Sampled: 05/21/07 13:30 Received: 05/21/07 21:00									
Calcium	4.8	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.91	0.10	"	"	"	"	"	"	
Sodium	2.0	0.50	"	"	"	"	"	"	
MFAR-8 RM24.5 (MQE0742-05) Water Sampled: 05/21/07 14:00 Received: 05/21/07 21:00									
Calcium	4.8	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.98	0.10	"	"	"	"	"	"	
Sodium	1.9	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
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RR-7 RM0.0 (MQE0742-06) Water **Sampled: 05/21/07 14:45** **Received: 05/21/07 21:00**

Calcium	5.3	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	1.0	0.10	"	"	"	"	"	"	
Sodium	2.9	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-2 RM0.0 (MQE0742-01) Water Sampled: 05/21/07 09:40 Received: 05/21/07 21:00

Bicarbonate Alkalinity	22	5.0	mg/l	1	7E24048	05/23/07	05/23/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	22	5.0	"	"	"	"	"	"	
Hardness as CaCO3	17	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23037	05/22/07	05/22/07	SM 4500P-E	
							10:00		
Total Dissolved Solids	86	10	"	"	7E24046	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E23012	05/22/07	05/23/07	SM 2540D	
Turbidity	0.19	0.10	NTU	"	7E22028	05/22/07	05/22/07	EPA 180.1	
							11:30		

RR-5 RM 3.5 (MQE0742-02) Water Sampled: 05/21/07 09:20 Received: 05/21/07 21:00

Bicarbonate Alkalinity	22	5.0	mg/l	1	7E24048	05/23/07	05/23/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	22	5.0	"	"	"	"	"	"	
Hardness as CaCO3	17	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23037	05/22/07	05/22/07	SM 4500P-E	
							10:00		
Total Dissolved Solids	62	10	"	"	7E24046	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E23012	05/22/07	05/23/07	SM 2540D	
Turbidity	0.25	0.10	NTU	"	7E22028	05/22/07	05/22/07	EPA 180.1	
							11:30		

RR-6 RM 3.0 (MQE0742-03) Water Sampled: 05/21/07 10:15 Received: 05/21/07 21:00

Bicarbonate Alkalinity	22	5.0	mg/l	1	7E24048	05/23/07	05/23/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	22	5.0	"	"	"	"	"	"	
Hardness as CaCO3	16	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23037	05/22/07	05/22/07	SM 4500P-E	
							10:00		
Total Dissolved Solids	60	10	"	"	7E24046	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E23012	05/22/07	05/23/07	SM 2540D	
Turbidity	0.12	0.10	NTU	"	7E22028	05/22/07	05/22/07	EPA 180.1	
							11:30		

Entrix
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Walnut Creek CA, 94596

Project: PCWA WQ
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Project Manager: Brian Frantz

MQE0742
Reported:
06/12/07 11:46

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MFAR-9 RM24.0 (MQE0742-04) Water Sampled: 05/21/07 13:30 Received: 05/21/07 21:00									
Bicarbonate Alkalinity	20	5.0	mg/l	1	7E24048	05/23/07	05/23/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	20	5.0	"	"	"	"	"	"	
Hardness as CaCO3	16	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23037	05/22/07	05/22/07	SM 4500P-E	
							10:00		
Total Dissolved Solids	50	10	"	"	7E24046	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E23012	05/22/07	05/23/07	SM 2540D	
Turbidity	0.15	0.10	NTU	"	7E22028	05/22/07	05/22/07	EPA 180.1	
							11:30		
MFAR-8 RM24.5 (MQE0742-05) Water Sampled: 05/21/07 14:00 Received: 05/21/07 21:00									
Bicarbonate Alkalinity	20	5.0	mg/l	1	7E24048	05/23/07	05/23/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	20	5.0	"	"	"	"	"	"	
Hardness as CaCO3	16	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23037	05/22/07	05/22/07	SM 4500P-E	
							10:00		
Total Dissolved Solids	36	10	"	"	7E24046	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E23012	05/22/07	05/23/07	SM 2540D	
Turbidity	0.38	0.10	NTU	"	7E22028	05/22/07	05/22/07	EPA 180.1	
							11:30		
RR-7 RM0.0 (MQE0742-06) Water Sampled: 05/21/07 14:45 Received: 05/21/07 21:00									
Bicarbonate Alkalinity	20	5.0	mg/l	1	7E24048	05/23/07	05/23/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	20	5.0	"	"	"	"	"	"	
Hardness as CaCO3	17	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23037	05/22/07	05/22/07	SM 4500P-E	
							10:00		
Total Dissolved Solids	48	10	"	"	7E24046	05/22/07	05/23/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E23012	05/22/07	05/23/07	SM 2540D	
Turbidity	0.11	0.10	NTU	"	7E22028	05/22/07	05/22/07	EPA 180.1	
							11:30		

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: PCWA WQ
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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-2 RM0.0 (MQE0742-01) Water Sampled: 05/21/07 09:40 Received: 05/21/07 21:00									
Chloride	1.4	1.0	mg/l	1	7E24012	05/22/07	05/22/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.67	0.50	"	"	"	"	"	"	
RR-5 RM 3.5 (MQE0742-02) Water Sampled: 05/21/07 09:20 Received: 05/21/07 21:00									
Chloride	3.5	1.0	mg/l	1	7E24012	05/22/07	05/22/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.3	0.50	"	"	"	"	"	"	
RR-6 RM 3.0 (MQE0742-03) Water Sampled: 05/21/07 10:15 Received: 05/21/07 21:00									
Chloride	3.0	1.0	mg/l	1	7E24012	05/22/07	05/22/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.1	0.50	"	"	"	"	"	"	
MFAR-9 RM24.0 (MQE0742-04) Water Sampled: 05/21/07 13:30 Received: 05/21/07 21:00									
Chloride	1.8	1.0	mg/l	1	7E24012	05/22/07	05/22/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.3	0.50	"	"	"	"	"	"	
MFAR-8 RM24.5 (MQE0742-05) Water Sampled: 05/21/07 14:00 Received: 05/21/07 21:00									
Chloride	1.5	1.0	mg/l	1	7E24012	05/22/07	05/22/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.5	0.50	"	"	"	"	"	"	
RR-7 RM0.0 (MQE0742-06) Water Sampled: 05/21/07 14:45 Received: 05/21/07 21:00									
Chloride	2.9	1.0	mg/l	1	7E24012	05/22/07	05/22/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.3	0.50	"	"	"	"	"	"	

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0742 Reported: 06/12/07 11:46
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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 7F01105 - General Prep / EPA 350.3

Blank (7F01105-BLK1)			Prepared & Analyzed: 06/01/07							
Ammonia-N	ND	0.50	mg/l							
Laboratory Control Sample (7F01105-BS1)			Prepared & Analyzed: 06/01/07							
Ammonia-N	0.995	0.50	mg/l	1.00		100	85-115			
Matrix Spike (7F01105-MS1)			Source: MQE0742-02 Prepared & Analyzed: 06/01/07							
Ammonia-N	1.88	0.50	mg/l	2.00	ND	94	75-125			
Matrix Spike Dup (7F01105-MSD1)			Source: MQE0742-02 Prepared & Analyzed: 06/01/07							
Ammonia-N	1.88	0.50	mg/l	2.00	ND	94	75-125	0	15	

Batch 7F02061 - General Prep / EPA 351.3

Blank (7F02061-BLK1)			Prepared & Analyzed: 06/02/07							
Total Kjeldahl Nitrogen	ND	0.50	mg/l							
Laboratory Control Sample (7F02061-BS1)			Prepared & Analyzed: 06/02/07							
Total Kjeldahl Nitrogen	19.6	0.50	mg/l	20.0		98	85-120			
Matrix Spike (7F02061-MS1)			Source: IQE2466-05 Prepared & Analyzed: 06/02/07							
Total Kjeldahl Nitrogen	10.6	0.50	mg/l	10.0	ND	106	85-120			
Matrix Spike Dup (7F02061-MSD1)			Source: IQE2466-05 Prepared & Analyzed: 06/02/07							
Total Kjeldahl Nitrogen	10.4	0.50	mg/l	10.0	ND	104	85-120	2	15	

Batch 7F01144 - General Prep / EPA 365.3

Blank (7F01144-BLK1)			Prepared & Analyzed: 06/01/07							
Phosphorus	ND	0.050	mg/l							

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0742 Reported: 06/12/07 11:46
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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 7F01144 - General Prep / EPA 365.3

Laboratory Control Sample (7F01144-BS1)				Prepared & Analyzed: 06/01/07						
Phosphorus	1.04	0.050	mg/l	1.00		104	80-120			
Matrix Spike (7F01144-MS1)				Source: IQE2466-02 Prepared & Analyzed: 06/01/07						
Phosphorus	1.12	0.050	mg/l	1.00	0.076	104	65-130			
Matrix Spike Dup (7F01144-MSD1)				Source: IQE2466-02 Prepared & Analyzed: 06/01/07						
Phosphorus	1.10	0.050	mg/l	1.00	0.076	102	65-130	2	15	

Batch 7E25133 - General Prep / SM5310B

Blank (7E25133-BLK1)				Prepared & Analyzed: 05/25/07						
Total Organic Carbon	ND	1.0	mg/l							
Laboratory Control Sample (7E25133-BS1)				Prepared & Analyzed: 05/25/07						
Total Organic Carbon	10.5	1.0	mg/l	10.0		105	90-110			
Matrix Spike (7E25133-MS1)				Source: IQE2433-02 Prepared & Analyzed: 05/25/07						
Total Organic Carbon	14.4	1.0	mg/l	5.00	9.8	92	80-120			
Matrix Spike Dup (7E25133-MSD1)				Source: IQE2433-02 Prepared & Analyzed: 05/25/07						
Total Organic Carbon	14.7	1.0	mg/l	5.00	9.8	98	80-120	2	20	

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0742 Reported: 06/12/07 11:46
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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 7E23046 - EPA 200.7/3005A / EPA 200.7

Blank (7E23046-BLK1)

Prepared: 05/23/07 Analyzed: 05/24/07

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

Laboratory Control Sample (7E23046-BS1)

Prepared: 05/23/07 Analyzed: 05/24/07

Magnesium	9.82	0.10	mg/l	10.0	98	85-115				
Sodium	9.57	0.50	"	10.0	96	85-115				
Calcium	9.95	0.50	"	10.0	100	85-115				
Potassium	11.0	2.0	"	10.0	110	85-115				

Matrix Spike (7E23046-MS1)

Source: MQE0597-01

Prepared: 05/23/07 Analyzed: 05/24/07

Potassium	32.6	2.0	mg/l	10.0	21	116	70-130			
Calcium	354	0.50	"	10.0	340	140	70-130			M7
Magnesium	126	0.10	"	10.0	110	160	70-130			

Matrix Spike (7E23046-MS1)

Source: MQE0597-01

Prepared: 05/23/07 Analyzed: 06/11/07

Sodium	592	2.5	"	10.0	550	420	70-130			M7
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Matrix Spike Dup (7E23046-MSD1)

Source: MQE0597-01

Prepared: 05/23/07 Analyzed: 05/24/07

Calcium	330	0.50	mg/l	10.0	340	0	70-130	7	20	M8
Magnesium	118	0.10	"	10.0	110	80	70-130	7	20	
Potassium	31.0	2.0	"	10.0	21	100	70-130	5	20	

Matrix Spike Dup (7E23046-MSD1)

Source: MQE0597-01

Prepared: 05/23/07 Analyzed: 06/11/07

Sodium	515	2.5	"	10.0	550	0	70-130	14	20	M8
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Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0742 Reported: 06/12/07 11:46
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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 7E22028 - General Preparation / EPA 180.1

Blank (7E22028-BLK1)				Prepared & Analyzed: 05/22/07						
Turbidity	ND	0.10	NTU							
Laboratory Control Sample (7E22028-BS1)				Prepared & Analyzed: 05/22/07						
Turbidity	2.04	0.10	NTU	2.00		102	85-115			
Matrix Spike (7E22028-MS1)				Source: MQE0742-06		Prepared & Analyzed: 05/22/07				
Turbidity	2.21	0.10	NTU	2.00	0.11	105	85-115			
Matrix Spike Dup (7E22028-MSD1)				Source: MQE0742-06		Prepared & Analyzed: 05/22/07				
Turbidity	2.17	0.10	NTU	2.00	0.11	103	85-115	2	15	

Batch 7E24048 - General Preparation / SM 2320B

Blank (7E24048-BLK1)				Prepared & Analyzed: 05/23/07						
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 (7E24048-BS1)				Prepared & Analyzed: 05/23/07						
Total Alkalinity	98.2	5.0	mg/l	100		98	80-115			
Matrix Spike (7E24048-MS1)				Source: MQE0796-07		Prepared & Analyzed: 05/23/07				
Total Alkalinity	110	5.0	mg/l	100	12	98	80-115			
Matrix Spike Dup (7E24048-MSD1)				Source: MQE0796-07		Prepared & Analyzed: 05/23/07				
Total Alkalinity	110	5.0	mg/l	100	12	98	80-115	0	20	

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: PCWA WQ
Project Number: 3177621/0002
Project Manager: Brian Frantz

MQE0742
Reported:
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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 7E24046 - General Preparation / SM 2540C

Blank (7E24046-BLK1)										
					Prepared: 05/22/07 Analyzed: 05/23/07					
Total Dissolved Solids	ND	10	mg/l							
Laboratory Control Sample (7E24046-BS1)										
					Prepared: 05/22/07 Analyzed: 05/23/07					
Total Dissolved Solids	500	10	mg/l	500		100	85-115			
Duplicate (7E24046-DUP1)										
					Source: MQE0791-02 Prepared: 05/22/07 Analyzed: 05/23/07					
Total Dissolved Solids	126	10	mg/l		120			5	20	

Batch 7E23012 - General Preparation / SM 2540D

Blank (7E23012-BLK1)										
					Prepared: 05/22/07 Analyzed: 05/23/07					
Total Suspended Solids	ND	10	mg/l							
Duplicate (7E23012-DUP1)										
					Source: MQE0742-05 Prepared: 05/22/07 Analyzed: 05/23/07					
Total Suspended Solids	ND	10	mg/l		ND				20	

Batch 7E23037 - General Preparation / SM 4500P-E

Blank (7E23037-BLK1)										
					Prepared & Analyzed: 05/22/07					
Phosphate (Ortho) as P	ND	0.010	mg/l							
Laboratory Control Sample (7E23037-BS1)										
					Prepared & Analyzed: 05/22/07					
Phosphate (Ortho) as P	0.255	0.010	mg/l	0.250		102	90-115			
Matrix Spike (7E23037-MS1)										
					Source: MQE0742-01 Prepared & Analyzed: 05/22/07					
Phosphate (Ortho) as P	0.243	0.010	mg/l	0.250	ND	97	90-115			

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0742 Reported: 06/12/07 11:46
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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 7E23037 - General Preparation / SM 4500P-E

Matrix Spike Dup (7E23037-MSD1)	Source: MQE0742-01		Prepared & Analyzed: 05/22/07							
Phosphate (Ortho) as P	0.242	0.010	mg/l	0.250	ND	97	90-115	0.4	15	

Batch 7E23046 - EPA 200.7/3005A / SM2340B

Blank (7E23046-BLK1)	Prepared: 05/23/07 Analyzed: 05/24/07									
Hardness as CaCO3	ND	1.0	mg/l							

Laboratory Control Sample (7E23046-BS1)	Prepared: 05/23/07 Analyzed: 05/24/07									
Hardness as CaCO3	65.3	1.0	mg/l	66.2		99	85-115			

Matrix Spike (7E23046-MS1)	Source: MQE0597-01		Prepared: 05/23/07 Analyzed: 05/24/07							
Hardness as CaCO3	1400	1.0	mg/l	66.2	1300	151	85-115			M7

Matrix Spike Dup (7E23046-MSD1)	Source: MQE0597-01		Prepared: 05/23/07 Analyzed: 05/24/07							
Hardness as CaCO3	1310	1.0	mg/l	66.2	1300	15	85-115	7	20	M8

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0742 Reported: 06/12/07 11:46
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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 7E24012 - General Preparation / EPA 300.0

Blank (7E24012-BLK1)										
										Prepared & Analyzed: 05/22/07
Chloride	ND	1.0	mg/l							
Nitrite+Nitrate as N	ND	0.20	"							
Sulfate as SO4	ND	0.50	"							
Laboratory Control Sample (7E24012-BS1)										
										Prepared & Analyzed: 05/22/07
Nitrite+Nitrate as N	3.94	0.20	mg/l	3.78		104	80-115			
Chloride	10.2	1.0	"	10.0		102	90-110			
Sulfate as SO4	10.6	0.50	"	10.0		106	90-110			
Matrix Spike (7E24012-MS1)										
										Prepared & Analyzed: 05/22/07
Chloride	10.9	1.0	mg/l	10.0	1.4	95	80-120			
Nitrite+Nitrate as N	3.92	0.20	"	3.78	ND	104	80-115			
Sulfate as SO4	11.0	0.50	"	10.0	0.67	103	80-120			
Matrix Spike Dup (7E24012-MSD1)										
										Prepared & Analyzed: 05/22/07
Chloride	9.88	1.0	mg/l	10.0	1.4	85	80-120	10	20	
Nitrite+Nitrate as N	3.48	0.20	"	3.78	ND	92	80-115	12	10	R2
Sulfate as SO4	9.88	0.50	"	10.0	0.67	92	80-120	11	20	

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

Project: PCWA WQ
Project Number: 3177621/0002
Project Manager: Brian Frantz

MQE0742
Reported:
06/12/07 11:46

Notes and Definitions

R2 The RPD exceeded the acceptance limit.

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

CLIENT NAME: ENTRIX
 REC. BY (PRINT): TUJEN G.
 WORKORDER: MOE0742

DATE RECD AT LAB: 5/21/07
 TIME RECD AT LAB: 2:00
 DATE LOGGED IN: 5/22/07

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

CIRCLE THE APPROPRIATE RESPONSE

Q. No.	Q. Description	Response	LAD	SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1.	Custody Seal(s)	Present / Absent <input checked="" type="radio"/> Present / <input type="radio"/> Absent		ICG-2	RM0.0	2(L) P	-	-	W	5/21	
2.	Chain-of-Custody	Intact / Broken <input checked="" type="radio"/> Intact / <input type="radio"/> Broken				1(L) P	HNO3				
3.	Traffic Reports or Packing List:	Present / Absent <input checked="" type="radio"/> Present / <input type="radio"/> Absent				1(L) P	H2SO4				
4.	Airbill:	Airbill / Sticker Present / Absent <input checked="" type="radio"/> Airbill / <input type="radio"/> Sticker				1(500)A	HCL				
5.	Airbill #:	Present / Absent <input checked="" type="radio"/> Present / <input type="radio"/> Absent									
6.	Sample Labels:	Present / Absent <input checked="" type="radio"/> Present / <input type="radio"/> Absent									
7.	Sample IDs:	Listed / Not Listed <input checked="" type="radio"/> Listed / <input type="radio"/> Not Listed									
8.	Sample Condition:	Intact / Broken / Leaking <input checked="" type="radio"/> Intact / <input type="radio"/> Broken / <input type="radio"/> Leaking									
9.	Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No									
10.	Sample received within hold time?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No									
11.	Adequate sample volume received?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No									
12.	Proper preservatives used?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No									
13.	Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No									
14.	Read Temp:	Corrected Temp: <u>36°C</u>									
		Is corrected temp 4 +/- 2°C? <input checked="" type="radio"/> Yes / <input type="radio"/> No									
		Is compliance range for samples requiring thermal pres? <input checked="" type="radio"/> Yes / <input type="radio"/> No									
		Is compliance range for samples requiring thermal pres? <input checked="" type="radio"/> Yes / <input type="radio"/> No									
		Is compliance range for samples requiring thermal pres? <input checked="" type="radio"/> Yes / <input type="radio"/> No									

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