

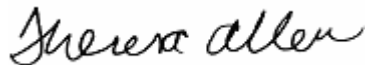
12 June, 2007

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

RE: PCWA WQ
Work Order: MQE0796

Enclosed are the results of analyses for samples received by the laboratory on 05/22/07 22:10. 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

MQE0796
Reported:
06/12/07 11:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MFAR-7 RM26.0	MQE0796-01	Water	05/22/07 08:00	05/22/07 22:10
DC-1 RM8.5	MQE0796-02	Water	05/22/07 09:45	05/22/07 22:10
DC-2 RM8.0	MQE0796-03	Water	05/22/07 10:40	05/22/07 22:10
MFAR-1 RM51.5	MQE0796-04	Water	05/22/07 11:40	05/22/07 22:10
MFAR-2 RM46.5	MQE0796-05	Water	05/22/07 12:30	05/22/07 22:10
RR-2B	MQE0796-06	Water	05/22/07 14:00	05/22/07 22:10
RR-2A	MQE0796-07	Water	05/22/07 15:10	05/22/07 22:10

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INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MFAR-7 RM26.0 (MQE0796-01) Water Sampled: 05/22/07 08:00 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F01157	06/01/07	06/02/07 15:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	2.8	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	1.4	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	SM5310B	
DC-1 RM8.5 (MQE0796-02) Water Sampled: 05/22/07 09:45 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F01157	06/01/07	06/02/07 15:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	4.2	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	SM5310B	
DC-2 RM8.0 (MQE0796-03) Water Sampled: 05/22/07 10:40 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F01157	06/01/07	06/02/07 15:35	EPA 350.3	
Phosphorus	0.49	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	8.4	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	ND	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	SM5310B	
MFAR-1 RM51.5 (MQE0796-04) Water Sampled: 05/22/07 11:40 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F01157	06/01/07	06/02/07 15:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	3.1	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	1.3	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	SM5310B	
MFAR-2 RM46.5 (MQE0796-05) Water Sampled: 05/22/07 12:30 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F01157	06/01/07	06/02/07 15:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	7.0	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	1.1	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	SM5310B	

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INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RR-2B (MQE0796-06) Water Sampled: 05/22/07 14:00 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F01157	06/01/07	06/02/07 15:35	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	1.2	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	SM5310B	
RR-2A (MQE0796-07) Water Sampled: 05/22/07 15:10 Received: 05/22/07 22:10									
Ammonia-N	ND	0.50	mg/l	1	7F05097	06/05/07	06/05/07 12:00	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F01145	06/01/07	06/01/07 21:06	EPA 365.3	
Total Kjeldahl Nitrogen	0.56	0.50	"	"	7F03026	06/03/07	06/03/07	EPA 351.3	
Total Organic Carbon	1.2	1.0	"	"	7E25142	05/25/07	05/25/07 21:43	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-7 RM26.0 (MQE0796-01) Water Sampled: 05/22/07 08:00 Received: 05/22/07 22:10									
Calcium	7.4	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	2.0	0.50	"	"	"	"	"	"	
DC-1 RM8.5 (MQE0796-02) Water Sampled: 05/22/07 09:45 Received: 05/22/07 22:10									
Calcium	2.7	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.68	0.10	"	"	"	"	"	"	
Sodium	1.3	0.50	"	"	"	"	"	"	
DC-2 RM8.0 (MQE0796-03) Water Sampled: 05/22/07 10:40 Received: 05/22/07 22:10									
Calcium	2.8	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.69	0.10	"	"	"	"	"	"	
Sodium	1.3	0.50	"	"	"	"	"	"	
MFAR-1 RM51.5 (MQE0796-04) Water Sampled: 05/22/07 11:40 Received: 05/22/07 22:10									
Calcium	2.3	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.60	0.10	"	"	"	"	"	"	
Sodium	1.2	0.50	"	"	"	"	"	"	
MFAR-2 RM46.5 (MQE0796-05) Water Sampled: 05/22/07 12:30 Received: 05/22/07 22:10									
Calcium	2.6	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.62	0.10	"	"	"	"	"	"	
Sodium	1.3	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
RR-2B (MQE0796-06) Water Sampled: 05/22/07 14:00 Received: 05/22/07 22:10									
Calcium	2.8	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.55	0.10	"	"	"	"	"	"	
Sodium	1.4	0.50	"	"	"	"	"	"	
RR-2A (MQE0796-07) Water Sampled: 05/22/07 15:10 Received: 05/22/07 22:10									
Calcium	2.7	0.50	mg/l	1	7E23046	05/23/07	05/24/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.54	0.10	"	"	"	"	"	"	
Sodium	1.4	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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MFAR-7 RM26.0 (MQE0796-01) Water Sampled: 05/22/07 08:00 Received: 05/22/07 22:10

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	23	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07	SM 4500P-E	
							15:45		
Total Dissolved Solids	44	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	0.12	0.10	NTU	"	7E23024	05/22/07	05/23/07	EPA 180.1	
							00:30		

DC-1 RM8.5 (MQE0796-02) Water Sampled: 05/22/07 09:45 Received: 05/22/07 22:10

Bicarbonate Alkalinity	16	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	16	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.5	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07	SM 4500P-E	
							15:45		
Total Dissolved Solids	32	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	ND	0.10	NTU	"	7E23024	05/22/07	05/23/07	EPA 180.1	
							00:30		

DC-2 RM8.0 (MQE0796-03) Water Sampled: 05/22/07 10:40 Received: 05/22/07 22:10

Bicarbonate Alkalinity	14	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	14	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.8	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07	SM 4500P-E	
							15:45		
Total Dissolved Solids	24	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	0.16	0.10	NTU	"	7E23024	05/22/07	05/23/07	EPA 180.1	
							00:30		

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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-1 RM51.5 (MQE0796-04) Water Sampled: 05/22/07 11:40 Received: 05/22/07 22:10									
Bicarbonate Alkalinity	14	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	14	5.0	"	"	"	"	"	"	
Hardness as CaCO3	8.2	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07 15:45	SM 4500P-E	
Total Dissolved Solids	30	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	ND	0.10	NTU	"	7E23024	05/22/07	05/23/07 00:30	EPA 180.1	
MFAR-2 RM46.5 (MQE0796-05) Water Sampled: 05/22/07 12:30 Received: 05/22/07 22:10									
Bicarbonate Alkalinity	14	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	14	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.0	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07 15:45	SM 4500P-E	
Total Dissolved Solids	28	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	0.44	0.10	NTU	"	7E23024	05/22/07	05/23/07 00:30	EPA 180.1	
RR-2B (MQE0796-06) Water Sampled: 05/22/07 14:00 Received: 05/22/07 22:10									
Bicarbonate Alkalinity	12	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	12	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.3	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07 15:45	SM 4500P-E	
Total Dissolved Solids	28	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	0.15	0.10	NTU	"	7E23024	05/22/07	05/23/07 00:30	EPA 180.1	

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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
RR-2A (MQE0796-07) Water Sampled: 05/22/07 15:10 Received: 05/22/07 22:10									
Bicarbonate Alkalinity	12	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	12	5.0	"	"	"	"	"	"	
Hardness as CaCO3	9.0	1.0	"	"	7E23046	05/23/07	05/24/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7E23039	05/23/07	05/23/07 15:45	SM 4500P-E	
Total Dissolved Solids	28	10	"	"	7E24047	05/23/07	05/24/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7E24013	05/23/07	05/24/07	SM 2540D	
Turbidity	0.19	0.10	NTU	"	7E23024	05/22/07	05/23/07 00:30	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
MFAR-7 RM26.0 (MQE0796-01) Water Sampled: 05/22/07 08:00 Received: 05/22/07 22:10									
Chloride	1.2	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	2.9	0.50	"	"	"	"	"	"	
DC-1 RM8.5 (MQE0796-02) Water Sampled: 05/22/07 09:45 Received: 05/22/07 22:10									
Chloride	ND	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.56	0.50	"	"	"	"	"	"	
DC-2 RM8.0 (MQE0796-03) Water Sampled: 05/22/07 10:40 Received: 05/22/07 22:10									
Chloride	ND	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.58	0.50	"	"	"	"	"	"	
MFAR-1 RM51.5 (MQE0796-04) Water Sampled: 05/22/07 11:40 Received: 05/22/07 22:10									
Chloride	ND	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
MFAR-2 RM46.5 (MQE0796-05) Water Sampled: 05/22/07 12:30 Received: 05/22/07 22:10									
Chloride	ND	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
RR-2B (MQE0796-06) Water Sampled: 05/22/07 14:00 Received: 05/22/07 22:10									
Chloride	ND	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.77	0.50	"	"	"	"	"	"	

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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
RR-2A (MQE0796-07) Water Sampled: 05/22/07 15:10 Received: 05/22/07 22:10									
Chloride	ND	1.0	mg/l	1	7E25020	05/23/07	05/23/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.78	0.50	"	"	"	"	"	"	

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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 7F01157 - General Prep / EPA 350.3

Blank (7F01157-BLK1)				Prepared: 06/01/07 Analyzed: 06/02/07						
Ammonia-N	ND	0.50	mg/l							
Laboratory Control Sample (7F01157-BS1)				Prepared: 06/01/07 Analyzed: 06/02/07						
Ammonia-N	1.04	0.50	mg/l	1.00		104	85-115			
Matrix Spike (7F01157-MS1)				Source: IQE2444-02 Prepared: 06/01/07 Analyzed: 06/02/07						
Ammonia-N	1.04	0.50	mg/l	2.00	ND	52	75-125			M2
Matrix Spike Dup (7F01157-MSD1)				Source: IQE2444-02 Prepared: 06/01/07 Analyzed: 06/02/07						
Ammonia-N	0.995	0.50	mg/l	2.00	ND	50	75-125	4	15	M2

Batch 7F05097 - General Prep / EPA 350.3

Blank (7F05097-BLK1)				Prepared & Analyzed: 06/05/07						
Ammonia-N	ND	0.50	mg/l							
Laboratory Control Sample (7F05097-BS1)				Prepared & Analyzed: 06/05/07						
Ammonia-N	0.975	0.50	mg/l	1.00		98	85-115			
Matrix Spike (7F05097-MS1)				Source: MQE0796-07 Prepared & Analyzed: 06/05/07						
Ammonia-N	2.16	0.50	mg/l	2.00	0.12	102	75-125			
Matrix Spike Dup (7F05097-MSD1)				Source: MQE0796-07 Prepared & Analyzed: 06/05/07						
Ammonia-N	2.16	0.50	mg/l	2.00	0.12	102	75-125	0	15	

Batch 7F03026 - General Prep / EPA 351.3

Blank (7F03026-BLK1)				Prepared & Analyzed: 06/03/07						
Total Kjeldahl Nitrogen	ND	0.50	mg/l							

Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

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

MQE0796
Reported:
06/12/07 11:51

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 7F03026 - General Prep / EPA 351.3

Laboratory Control Sample (7F03026-BS1)

Prepared & Analyzed: 06/03/07

Total Kjeldahl Nitrogen	19.6	0.50	mg/l	20.0	98	85-120			
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Laboratory Control Sample Dup (7F03026-BSD1)

Prepared & Analyzed: 06/03/07

Total Kjeldahl Nitrogen	19.6	0.50	mg/l	20.0	98	85-120	0	15	
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Matrix Spike (7F03026-MS1)

Source: IQE2466-14

Prepared & Analyzed: 06/03/07

Total Kjeldahl Nitrogen	10.4	0.50	mg/l	10.0	ND	104	85-120		
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Matrix Spike Dup (7F03026-MSD1)

Source: IQE2466-14

Prepared & Analyzed: 06/03/07

Total Kjeldahl Nitrogen	10.4	0.50	mg/l	10.0	ND	104	85-120	0	15
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Batch 7F01145 - General Prep / EPA 365.3

Blank (7F01145-BLK1)

Prepared & Analyzed: 06/01/07

Phosphorus	ND	0.050	mg/l						
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Laboratory Control Sample (7F01145-BS1)

Prepared & Analyzed: 06/01/07

Phosphorus	1.03	0.050	mg/l	1.00	103	80-120			
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Matrix Spike (7F01145-MS1)

Source: IQE2585-02

Prepared & Analyzed: 06/01/07

Phosphorus	1.02	0.050	mg/l	1.00	ND	102	65-130		
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Matrix Spike Dup (7F01145-MSD1)

Source: IQE2585-02

Prepared & Analyzed: 06/01/07

Phosphorus	1.00	0.050	mg/l	1.00	ND	100	65-130	2	15
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Batch 7E25142 - General Prep / SM5310B

Blank (7E25142-BLK1)

Prepared & Analyzed: 05/25/07

Total Organic Carbon	ND	1.0	mg/l						
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Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

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

MQE0796
Reported:
06/12/07 11:51

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 7E25142 - General Prep / SM5310B

Laboratory Control Sample (7E25142-BS1)

Prepared & Analyzed: 05/25/07

Total Organic Carbon	10.3	1.0	mg/l	10.0	103	90-110
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Matrix Spike (7E25142-MS1)

Source: IQE2467-07

Prepared & Analyzed: 05/25/07

Total Organic Carbon	6.96	1.0	mg/l	5.00	2.0	99	80-120
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Matrix Spike Dup (7E25142-MSD1)

Source: IQE2467-07

Prepared & Analyzed: 05/25/07

Total Organic Carbon	6.92	1.0	mg/l	5.00	2.0	98	80-120	0.6	20
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Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

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

MQE0796
Reported:
06/12/07 11:51

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							
Magnesium	ND	0.10	"							
Potassium	ND	2.0	"							
Sodium	ND	0.50	"							

Laboratory Control Sample (7E23046-BS1)

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

Sodium	9.57	0.50	mg/l	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			
Magnesium	9.82	0.10	"	10.0		98	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			
Magnesium	126	0.10	"	10.0	110	160	70-130			
Calcium	354	0.50	"	10.0	340	140	70-130			M7

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
Potassium	31.0	2.0	"	10.0	21	100	70-130	5	20	
Magnesium	118	0.10	"	10.0	110	80	70-130	7	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

MQE0796
Reported:
06/12/07 11:51

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 7E23024 - General Preparation / EPA 180.1

Blank (7E23024-BLK1)

Prepared: 05/22/07 Analyzed: 05/23/07

Turbidity	ND	0.10	NTU
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Laboratory Control Sample (7E23024-BS1)

Prepared: 05/22/07 Analyzed: 05/23/07

Turbidity	1.89	0.10	NTU	2.00	94	85-115
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Matrix Spike (7E23024-MS1)

Source: MQE0796-01

Prepared: 05/22/07 Analyzed: 05/23/07

Turbidity	2.31	0.10	NTU	2.00	0.12	110	85-115
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Matrix Spike Dup (7E23024-MSD1)

Source: MQE0796-01

Prepared: 05/22/07 Analyzed: 05/23/07

Turbidity	2.29	0.10	NTU	2.00	0.12	108	85-115	0.9	15
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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
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Matrix Spike (7E24048-MS1)

Source: MQE0796-07

Prepared & Analyzed: 05/23/07

Total Alkalinity	110	5.0	mg/l	100	12	98	80-115
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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
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Entrix
590 Ygnacio Valley Rd
Walnut Creek CA, 94596

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

MQE0796
Reported:
06/12/07 11:51

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 7E24047 - General Preparation / SM 2540C

Blank (7E24047-BLK1)

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

Total Dissolved Solids	ND	10	mg/l
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Laboratory Control Sample (7E24047-BS1)

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

Total Dissolved Solids	524	10	mg/l	500	105	85-115
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Duplicate (7E24047-DUP1)

Source: MQE0814-01

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

Total Dissolved Solids	418	10	mg/l	410	2	20
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Batch 7E24013 - General Preparation / SM 2540D

Blank (7E24013-BLK1)

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

Total Suspended Solids	ND	10	mg/l
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Duplicate (7E24013-DUP1)

Source: MQE0801-01

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

Total Suspended Solids	1910	10	mg/l	1900	0.5	20
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Batch 7E23039 - General Preparation / SM 4500P-E

Blank (7E23039-BLK1)

Prepared & Analyzed: 05/23/07

Phosphate (Ortho) as P	ND	0.010	mg/l
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Laboratory Control Sample (7E23039-BS1)

Prepared & Analyzed: 05/23/07

Phosphate (Ortho) as P	0.251	0.010	mg/l	0.250	100	90-115
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Matrix Spike (7E23039-MS1)

Source: MQE0796-01

Prepared & Analyzed: 05/23/07

Phosphate (Ortho) as P	0.246	0.010	mg/l	0.250	ND	98	90-115
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Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQE0796 Reported: 06/12/07 11:51
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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 7E23039 - General Preparation / SM 4500P-E

Matrix Spike Dup (7E23039-MSD1)	Source: MQE0796-01			Prepared & Analyzed: 05/23/07						
Phosphate (Ortho) as P	0.244	0.010	mg/l	0.250	ND	98	90-115	0.8	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

MQE0796
Reported:
06/12/07 11:51

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 7E25020 - General Preparation / EPA 300.0

Blank (7E25020-BLK1)

Prepared & Analyzed: 05/23/07

Chloride	ND	1.0	mg/l							
Sulfate as SO4	ND	0.50	"							
Nitrite+Nitrate as N	ND	0.20	"							

Laboratory Control Sample (7E25020-BS1)

Prepared & Analyzed: 05/23/07

Sulfate as SO4	10.4	0.50	mg/l	10.0		104	90-110			
Nitrite+Nitrate as N	3.88	0.20	"	3.78		103	80-115			
Chloride	9.95	1.0	"	10.0		100	90-110			

Matrix Spike (7E25020-MS1)

Source: MQE0796-01

Prepared & Analyzed: 05/23/07

Nitrite+Nitrate as N	3.84	0.20	mg/l	3.78	0.061	100	80-115			
Sulfate as SO4	13.2	0.50	"	10.0	2.9	103	80-120			
Chloride	10.8	1.0	"	10.0	1.2	96	80-120			

Matrix Spike Dup (7E25020-MSD1)

Source: MQE0796-01

Prepared & Analyzed: 05/23/07

Sulfate as SO4	13.3	0.50	mg/l	10.0	2.9	104	80-120	0.8	20	
Nitrite+Nitrate as N	3.94	0.20	"	3.78	0.061	103	80-115	3	10	
Chloride	11.0	1.0	"	10.0	1.2	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

MQE0796
Reported:
06/12/07 11:51

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).

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. 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

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY RECEIVED
IN Dayton OH

CHAIN-OF-CUSTODY RECORD			
Nashville, TN	Dayton, OH	Indianapolis, IN	
Orlando, FL	Watertown, WI	Morgan Hill, CA	X
Cedar Falls, IA	Pontiac, MI		

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

Client Name/Account #: Entrix

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) ~~Cynthia Bayde~~ - Jillian Aldrin - *Christina R. R.*

Project ID: PCWA WQ

Sampler Signature:

Abigail

Project #: 3177621/0002

[illegible]

Special instructions:

Method of Shipment:

FEDEx

Laboratory Comments:

Temperature Upon Receipt:
VOCs Free of Headspace?

 γ

Relinquished by:

Date _____

Time

Received by:

Date _____

Time

022.01

202

24

22

109

Date _____

Time

Received by TestAmerica

Date _____

Time

5/22/05

213

July 19

Q

218

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ENTRIX
 REC. BY (PRINT): QUINCY
 WORKORDER: MA207K

DATE REC'D AT LAB: 5/22/07
 TIME REC'D AT LAB: 2:10
 DATE LOGGED IN: 5/23/07

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

CIRCLE THE APPROPRIATE RESPONSE

LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent	Intact / Broken	Present / Absent				
2. Chain-of-Custody	Present / Absent						
3. Traffic Reports or Packing List:	Present / Absent						
4. Airbill:	Airbill / Sticker	Present / Absent					
5. Airbill #:							
6. Sample Labels:	Present / Absent						
7. Sample IDs:	Linked / Not Linked						
8. Sample Condition:	Intact / Broken / Leaking						
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No						
10. Sample received within hold time?	Yes / No						
11. Adequate sample volume received?	Yes / No						
12. Proper preservatives used?	Yes / No						
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No						
14. Read Temp: Corrected Temp: Is corrected temp 4 +/- 2°C?	Yes / No						

IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION