

18 October, 2007

Coralie Dayde
Entrix
2300 Clayton Road, Suite 200
Concord, CA 94520

RE: PCWA WQ
Work Order: MQI0723

Enclosed are the results of analyses for samples received by the laboratory on 09/25/07 20:35. 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, 4 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	Project: PCWA WQ	MQI0723
2300 Clayton Road, Suite 200	Project Number: 3177621/0002	Reported:
Concord CA, 94520	Project Manager: Coralie Dayde	10/18/07 14:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MFAR-5 RM35.5	MQI0723-01	Water	09/24/07 11:15	09/25/07 20:35
MFAR-6 RM36.5	MQI0723-02	Water	09/24/07 11:50	09/25/07 20:35
IR-1 RM36.0	MQI0723-03	Water	09/24/07 10:40	09/25/07 20:35
MFAR-10 RM9.0	MQI0723-04	Water	09/24/07 13:25	09/25/07 20:35

Entrix
2300 Clayton Road, Suite 200
Concord CA, 94520

Project: PCWA WQ
Project Number: 3177621/0002
Project Manager: Coralie Dayde

MQI0723
Reported:
10/18/07 14:00

INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MFAR-5 RM35.5 (MQI0723-01) Water Sampled: 09/24/07 11:15 Received: 09/25/07 20:35									
Ammonia-N	ND	0.50	mg/l	1	7J02090	10/02/07	10/02/07 19:55	EPA 350.3	
Phosphorus	0.058	0.050	"	"	7J03097	10/03/07	10/04/07 13:26	EPA 365.3	
Total Organic Carbon	ND	1.0	"	"	7J03112	10/03/07	10/03/07 10:31	SM5310B	M1
MFAR-6 RM36.5 (MQI0723-02) Water Sampled: 09/24/07 11:50 Received: 09/25/07 20:35									
Ammonia-N	ND	0.50	mg/l	1	7J02090	10/02/07	10/02/07 19:55	EPA 350.3	
Phosphorus	ND	0.050	"	"	7J03097	10/03/07	10/04/07 13:26	EPA 365.3	
Total Organic Carbon	1.5	1.0	"	"	7J03112	10/03/07	10/03/07 10:31	SM5310B	
IR-1 RM36.0 (MQI0723-03) Water Sampled: 09/24/07 10:40 Received: 09/25/07 20:35									
Ammonia-N	ND	0.50	mg/l	1	7J02090	10/02/07	10/02/07 19:55	EPA 350.3	
Phosphorus	ND	0.050	"	"	7J03097	10/03/07	10/04/07 13:26	EPA 365.3	
Total Organic Carbon	ND	1.0	"	"	7J03112	10/03/07	10/03/07 10:31	SM5310B	
MFAR-10 RM9.0 (MQI0723-04) Water Sampled: 09/24/07 13:25 Received: 09/25/07 20:35									
Ammonia-N	ND	0.50	mg/l	1	7J02090	10/02/07	10/02/07 19:55	EPA 350.3	
Phosphorus	ND	0.050	"	"	7J03097	10/03/07	10/04/07 13:26	EPA 365.3	
Total Organic Carbon	1.3	1.0	"	"	7J03112	10/03/07	10/03/07 10:31	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-5 RM35.5 (MQI0723-01) Water Sampled: 09/24/07 11:15 Received: 09/25/07 20:35									
Calcium	6.9	0.50	mg/l	1	7126023	09/26/07	09/27/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	1.2	0.10	"	"	"	"	"	"	
Sodium	2.0	0.50	"	"	"	"	"	"	
MFAR-6 RM36.5 (MQI0723-02) Water Sampled: 09/24/07 11:50 Received: 09/25/07 20:35									
Calcium	3.7	0.50	mg/l	1	7126023	09/26/07	09/27/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.67	0.10	"	"	"	"	"	"	
Sodium	1.6	0.50	"	"	"	"	"	"	
IR-1 RM36.0 (MQI0723-03) Water Sampled: 09/24/07 10:40 Received: 09/25/07 20:35									
Calcium	6.8	0.50	mg/l	1	7126023	09/26/07	09/27/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	1.2	0.10	"	"	"	"	"	"	
Sodium	2.2	0.50	"	"	"	"	"	"	
MFAR-10 RM9.0 (MQI0723-04) Water Sampled: 09/24/07 13:25 Received: 09/25/07 20:35									
Calcium	4.2	0.50	mg/l	1	7126023	09/26/07	09/27/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
Magnesium	0.94	0.10	"	"	"	"	"	"	
Sodium	1.8	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-5 RM35.5 (MQI0723-01) Water Sampled: 09/24/07 11:15 Received: 09/25/07 20:35

Bicarbonate Alkalinity	24	5.0	mg/l	1	7J08044	10/08/07	10/08/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	24	5.0	"	"	"	"	"	"	
Hardness as CaCO3	22	1.0	"	"	7I26023	09/26/07	09/28/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7J11038	09/25/07	09/25/07 21:00	SM 4500P-E	
Total Dissolved Solids	52	10	"	"	7J02029	09/25/07	09/26/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7I27012	09/26/07	09/27/07	SM 2540D	
Turbidity	0.19	0.10	NTU	"	7I26010	09/25/07	09/25/07 21:30	EPA 180.1	

MFAR-6 RM36.5 (MQI0723-02) Water Sampled: 09/24/07 11:50 Received: 09/25/07 20:35

Bicarbonate Alkalinity	17	5.0	mg/l	1	7J08044	10/08/07	10/08/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	17	5.0	"	"	"	"	"	"	
Hardness as CaCO3	12	1.0	"	"	7I26023	09/26/07	09/27/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7J11038	09/25/07	09/25/07 21:00	SM 4500P-E	
Total Dissolved Solids	38	10	"	"	7J02029	09/25/07	09/26/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7I27012	09/26/07	09/27/07	SM 2540D	
Turbidity	0.25	0.10	NTU	"	7I26010	09/25/07	09/25/07 21:30	EPA 180.1	

IR-1 RM36.0 (MQI0723-03) Water Sampled: 09/24/07 10:40 Received: 09/25/07 20:35

Bicarbonate Alkalinity	29	5.0	mg/l	1	7J08044	10/08/07	10/08/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	29	5.0	"	"	"	"	"	"	
Hardness as CaCO3	22	1.0	"	"	7I26023	09/26/07	09/27/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7J11038	09/25/07	09/25/07 21:00	SM 4500P-E	
Total Dissolved Solids	52	10	"	"	7J09016	10/02/07	10/03/07	SM 2540C	H
Total Suspended Solids	ND	10	"	"	7I27012	09/26/07	09/27/07	SM 2540D	
Turbidity	ND	0.10	NTU	"	7I26010	09/25/07	09/25/07 21:30	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
MFAR-10 RM9.0 (MQI0723-04) Water Sampled: 09/24/07 13:25 Received: 09/25/07 20:35									
Bicarbonate Alkalinity	18	5.0	mg/l	1	7J08044	10/08/07	10/08/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
Total Alkalinity	18	5.0	"	"	"	"	"	"	
Hardness as CaCO3	14	1.0	"	"	7I26023	09/26/07	09/27/07	SM2340B	
Phosphate (Ortho) as P	ND	0.010	"	"	7J11038	09/25/07	09/25/07 21:00	SM 4500P-E	
Total Dissolved Solids	44	10	"	"	7J02029	09/25/07	09/26/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7I27012	09/26/07	09/27/07	SM 2540D	
Turbidity	ND	0.10	NTU	"	7I26010	09/25/07	09/25/07 21:30	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-5 RM35.5 (MQI0723-01) Water Sampled: 09/24/07 11:15 Received: 09/25/07 20:35									
Chloride	1.4	1.0	mg/l	1	7128030	09/27/07	09/27/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.5	0.50	"	"	"	"	"	"	
MFAR-6 RM36.5 (MQI0723-02) Water Sampled: 09/24/07 11:50 Received: 09/25/07 20:35									
Chloride	1.1	1.0	mg/l	1	7128030	09/27/07	09/27/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	0.94	0.50	"	"	"	"	"	"	
IR-1 RM36.0 (MQI0723-03) Water Sampled: 09/24/07 10:40 Received: 09/25/07 20:35									
Chloride	1.3	1.0	mg/l	1	7128030	09/27/07	09/27/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.5	0.50	"	"	"	"	"	"	
MFAR-10 RM9.0 (MQI0723-04) Water Sampled: 09/24/07 13:25 Received: 09/25/07 20:35									
Chloride	1.5	1.0	mg/l	1	7128030	09/27/07	09/27/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	1.5	0.50	"	"	"	"	"	"	

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General Chemistry Parameters

TestAmerica - Nashville, TN

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MFAR-5 RM35.5 (MQI0723-01) Water Sampled: 09/24/07 11:15 Received: 09/25/07 20:35									
Total Kjeldahl Nitrogen	0.260	0.100	mg/L	1	7102164	10/15/07	10/16/07	EPA 351.2	
MFAR-6 RM36.5 (MQI0723-02) Water Sampled: 09/24/07 11:50 Received: 09/25/07 20:35									
Total Kjeldahl Nitrogen	0.352	0.100	mg/L	1	7102164	10/15/07	10/16/07	EPA 351.2	
IR-1 RM36.0 (MQI0723-03) Water Sampled: 09/24/07 10:40 Received: 09/25/07 20:35									
Total Kjeldahl Nitrogen	0.320	0.100	mg/L	1	7102164	10/15/07	10/16/07	EPA 351.2	
MFAR-10 RM9.0 (MQI0723-04) Water Sampled: 09/24/07 13:25 Received: 09/25/07 20:35									
Total Kjeldahl Nitrogen	0.277	0.100	mg/L	1	7102164	10/15/07	10/16/07	EPA 351.2	

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Concord CA, 94520	Project Manager: Coralie Dayde	10/18/07 14:00

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 7J02090 - General Prep / EPA 350.3

Blank (7J02090-BLK1)				Prepared & Analyzed: 10/02/07						
Ammonia-N	ND	0.50	mg/l							
Laboratory Control Sample (7J02090-BS1)				Prepared & Analyzed: 10/02/07						
Ammonia-N	1.04	0.50	mg/l	1.00		104	85-115			
Matrix Spike (7J02090-MS1)				Prepared & Analyzed: 10/02/07						
Ammonia-N	1.83	0.50	mg/l	2.00	ND	92	75-125			
Matrix Spike Dup (7J02090-MSD1)				Prepared & Analyzed: 10/02/07						
Ammonia-N	1.98	0.50	mg/l	2.00	ND	99	75-125	8	15	

Batch 7J03097 - General Prep / EPA 365.3

Blank (7J03097-BLK1)				Prepared: 10/03/07 Analyzed: 10/04/07						
Phosphorus	ND	0.050	mg/l							
Laboratory Control Sample (7J03097-BS1)				Prepared: 10/03/07 Analyzed: 10/04/07						
Phosphorus	1.01	0.050	mg/l	1.00		101	80-120			
Matrix Spike (7J03097-MS1)				Prepared: 10/03/07 Analyzed: 10/04/07						
Phosphorus	1.01	0.050	mg/l	1.00	0.0212	99	65-130			
Matrix Spike Dup (7J03097-MSD1)				Prepared: 10/03/07 Analyzed: 10/04/07						
Phosphorus	1.01	0.050	mg/l	1.00	0.0212	98	65-130	0.4	15	

Batch 7J03112 - General Prep / SM5310B

Blank (7J03112-BLK1)				Prepared & Analyzed: 10/03/07						
Total Organic Carbon	ND	1.0	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 7J03112 - General Prep / SM5310B

Laboratory Control Sample (7J03112-BS1)

Prepared & Analyzed: 10/03/07

Total Organic Carbon	10.9	1.0	mg/l	10.0		109	90-110			
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Matrix Spike (7J03112-MS1)

Source: MQI0723-01

Prepared & Analyzed: 10/03/07

Total Organic Carbon	6.58	1.0	mg/l	5.00	ND	132	80-120			M1
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Matrix Spike Dup (7J03112-MSD1)

Source: MQI0723-01

Prepared & Analyzed: 10/03/07

Total Organic Carbon	6.12	1.0	mg/l	5.00	ND	122	80-120	7	20	M1
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Entrix	Project: PCWA WQ	MQI0723
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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 7I26023 - EPA 200.7/3005A / EPA 200.7

Blank (7I26023-BLK1)

Prepared: 09/26/07 Analyzed: 09/27/07

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

Laboratory Control Sample (7I26023-BS1)

Prepared: 09/26/07 Analyzed: 09/27/07

Sodium	9.21	0.50	mg/l	10.0	92	85-115
Magnesium	9.60	0.10	"	10.0	96	85-115
Potassium	9.06	2.0	"	10.0	91	85-115
Calcium	9.83	0.50	"	10.0	98	85-115

Matrix Spike (7I26023-MS1)

Source: MQI0723-01

Prepared: 09/26/07 Analyzed: 09/27/07

Magnesium	10.6	0.10	mg/l	10.0	1.15	94	70-130
Potassium	9.54	2.0	"	10.0	1.05	85	70-130
Calcium	16.5	0.50	"	10.0	6.88	96	70-130
Sodium	11.0	0.50	"	10.0	2.01	90	70-130

Matrix Spike Dup (7I26023-MSD1)

Source: MQI0723-01

Prepared: 09/26/07 Analyzed: 09/27/07

Sodium	11.2	0.50	mg/l	10.0	2.01	92	70-130	3	20
Magnesium	10.7	0.10	"	10.0	1.15	96	70-130	1	20
Potassium	9.97	2.0	"	10.0	1.05	89	70-130	4	20
Calcium	16.7	0.50	"	10.0	6.88	98	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 7I26010 - General Preparation / EPA 180.1

Blank (7I26010-BLK1)				Prepared & Analyzed: 09/25/07						
Turbidity	ND	0.10	NTU							
Laboratory Control Sample (7I26010-BS1)				Prepared & Analyzed: 09/25/07						
Turbidity	2.11	0.10	NTU	2.00		106	85-115			
Matrix Spike (7I26010-MS1)				Prepared & Analyzed: 09/25/07						
Turbidity	2.09	0.10	NTU	2.00	0.0600	102	85-115			
Matrix Spike Dup (7I26010-MSD1)				Prepared & Analyzed: 09/25/07						
Turbidity	2.05	0.10	NTU	2.00	0.0600	100	85-115	2	15	

Batch 7J08044 - General Preparation / SM 2320B

Blank (7J08044-BLK1)				Prepared & Analyzed: 10/08/07						
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 (7J08044-BS1)				Prepared & Analyzed: 10/08/07						
Total Alkalinity	99.6	5.0	mg/l	100		100	80-115			
Matrix Spike (7J08044-MS1)				Prepared & Analyzed: 10/08/07						
Total Alkalinity	121	5.0	mg/l	100	23.8	97	80-115			
Matrix Spike Dup (7J08044-MSD1)				Prepared & Analyzed: 10/08/07						
Total Alkalinity	119	5.0	mg/l	100	23.8	95	80-115	2	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 7J02029 - General Preparation / SM 2540C

Blank (7J02029-BLK1)				Prepared: 09/25/07 Analyzed: 09/26/07						
Total Dissolved Solids	ND	10	mg/l							
Laboratory Control Sample (7J02029-BS1)				Prepared: 09/25/07 Analyzed: 09/26/07						
Total Dissolved Solids	450	10	mg/l	500		90	85-115			
Duplicate (7J02029-DUP1)				Prepared: 09/25/07 Analyzed: 09/26/07						
Total Dissolved Solids	674	10	mg/l		684			1	20	

Batch 7J09016 - General Preparation / SM 2540C

Blank (7J09016-BLK1)				Prepared: 10/02/07 Analyzed: 10/03/07						
Total Dissolved Solids	ND	10	mg/l							
Laboratory Control Sample (7J09016-BS1)				Prepared: 10/02/07 Analyzed: 10/03/07						
Total Dissolved Solids	494	10	mg/l	500		99	85-115			
Duplicate (7J09016-DUP1)				Prepared: 10/02/07 Analyzed: 10/03/07						
Total Dissolved Solids	56.0	10	mg/l		36.0			43	20	R2

Batch 7I27012 - General Preparation / SM 2540D

Blank (7I27012-BLK1)				Prepared: 09/26/07 Analyzed: 09/27/07						
Total Suspended Solids	ND	10	mg/l							
Duplicate (7I27012-DUP1)				Prepared: 09/26/07 Analyzed: 09/27/07						
Total Suspended Solids	40.0	10	mg/l		37.7			6	20	

Entrix	Project: PCWA WQ	MQI0723
2300 Clayton Road, Suite 200	Project Number: 3177621/0002	Reported:
Concord CA, 94520	Project Manager: Coralie Dayde	10/18/07 14:00

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 7J11038 - General Preparation / SM 4500P-E

Blank (7J11038-BLK1)				Prepared & Analyzed: 09/25/07						
Phosphate (Ortho) as P	ND	0.010	mg/l							
Laboratory Control Sample (7J11038-BS1)				Prepared & Analyzed: 09/25/07						
Phosphate (Ortho) as P	0.251	0.010	mg/l	0.250		100	90-115			
Matrix Spike (7J11038-MS1)				Source: MQI0757-01 Prepared & Analyzed: 09/25/07						
Phosphate (Ortho) as P	0.375	0.010	mg/l	0.250	0.147	91	90-115			
Matrix Spike Dup (7J11038-MSD1)				Source: MQI0757-01 Prepared & Analyzed: 09/25/07						
Phosphate (Ortho) as P	0.370	0.010	mg/l	0.250	0.147	89	90-115	1	15	M8

Batch 7I26023 - EPA 200.7/3005A / SM2340B

Blank (7I26023-BLK1)				Prepared: 09/26/07 Analyzed: 09/28/07						
Hardness as CaCO3	ND	1.0	mg/l							
Laboratory Control Sample (7I26023-BS1)				Prepared: 09/26/07 Analyzed: 09/28/07						
Hardness as CaCO3	64.1	1.0	mg/l	66.2		97	85-115			
Matrix Spike (7I26023-MS1)				Source: MQI0723-01 Prepared: 09/26/07 Analyzed: 09/28/07						
Hardness as CaCO3	84.9	1.0	mg/l	66.2	22.2	95	85-115			
Matrix Spike Dup (7I26023-MSD1)				Source: MQI0723-01 Prepared: 09/26/07 Analyzed: 09/28/07						
Hardness as CaCO3	85.8	1.0	mg/l	66.2	22.2	96	85-115	1	20	

Entrix
2300 Clayton Road, Suite 200
Concord CA, 94520

Project: PCWA WQ
Project Number: 3177621/0002
Project Manager: Coralie Dayde

MQI0723
Reported:
10/18/07 14:00

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 7I28030 - General Preparation / EPA 300.0

Blank (7I28030-BLK1)

Prepared & Analyzed: 09/27/07

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

Laboratory Control Sample (7I28030-BS1)

Prepared & Analyzed: 09/27/07

Chloride	9.95	1.0	mg/l	10.0		100	90-110			
Sulfate as SO4	9.46	0.50	"	10.0		95	90-110			
Nitrite+Nitrate as N	3.85	0.20	"	3.78		102	80-115			

Matrix Spike (7I28030-MS1)

Source: MQI0723-03

Prepared & Analyzed: 09/27/07

Nitrite+Nitrate as N	5.28	2.0	mg/l	3.78	0.115	137	80-115			M7
Chloride	15.3	10	"	10.0	1.35	140	80-120			M7
Sulfate as SO4	13.7	5.0	"	10.0	1.52	122	80-120			M7

Matrix Spike Dup (7I28030-MSD1)

Source: MQI0723-03

Prepared & Analyzed: 09/27/07

Chloride	12.6	1.0	mg/l	10.0	1.35	113	80-120	19	20	M7
Nitrite+Nitrate as N	4.43	0.20	"	3.78	0.115	114	80-115	18	10	R2
Sulfate as SO4	12.3	0.50	"	10.0	1.52	108	80-120	11	20	

Entrix 2300 Clayton Road, Suite 200 Concord CA, 94520	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Coralie Dayde	MQI0723 Reported: 10/18/07 14:00
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General Chemistry Parameters - Quality Control

TestAmerica - Nashville, TN

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7102164 - NO PREP / EPA 351.2

Blank (7102164-BLK1)				Prepared: 10/15/07 Analyzed: 10/16/07						
Total Kjeldahl Nitrogen	ND	0.100	mg/L							
Laboratory Control Sample (7102164-BS1)				Prepared: 10/15/07 Analyzed: 10/16/07						
Total Kjeldahl Nitrogen	2.26	0.100	mg/L	2.50		91	90-110			
Laboratory Control Sample Dup (7102164-BSD1)				Prepared: 10/15/07 Analyzed: 10/16/07						
Total Kjeldahl Nitrogen	2.31	0.100	mg/L	2.50		92	90-110	2	20	
Duplicate (7102164-DUP1)				Prepared: 10/15/07 Analyzed: 10/16/07						
Total Kjeldahl Nitrogen	3.29	0.100	mg/L		2.09			44	20	R2
Matrix Spike (7102164-MS1)				Prepared: 10/15/07 Analyzed: 10/16/07						
Total Kjeldahl Nitrogen	2.70	0.100	mg/L	2.50	0.260	98	90-110			
Matrix Spike Dup (7102164-MSD1)				Prepared: 10/15/07 Analyzed: 10/16/07						
Total Kjeldahl Nitrogen	2.80	0.100	mg/L	2.50	0.260	102	90-110	4	20	

Entrix
2300 Clayton Road, Suite 200
Concord CA, 94520

Project: PCWA WQ
Project Number: 3177621/0002
Project Manager: Coralie Dayde

MQI0723
Reported:
10/18/07 14:00

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).
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
H	Sample analysis performed past method-specified holding time.
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

Indianapolis, IN
Morgan Hill, CA

☐ Indianapolis, IN

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

Compliance Monitoring?	Yes	No
1. Do you have a formal compliance monitoring program?	10	10
2. Do you have a compliance officer or committee?	10	10
3. Do you have a compliance policy?	10	10
4. Do you have a compliance training program?	10	10
5. Do you have a compliance reporting system?	10	10
6. Do you have a compliance audit system?	10	10
7. Do you have a compliance risk assessment system?	10	10
8. Do you have a compliance incident response system?	10	10
9. Do you have a compliance record keeping system?	10	10
10. Do you have a compliance documentation system?	10	10
11. Do you have a compliance communication system?	10	10
12. Do you have a compliance evaluation system?	10	10
13. Do you have a compliance improvement system?	10	10
14. Do you have a compliance review system?	10	10
15. Do you have a compliance update system?	10	10
16. Do you have a compliance revision system?	10	10
17. Do you have a compliance cancellation system?	10	10
18. Do you have a compliance suspension system?	10	10
19. Do you have a compliance termination system?	10	10
20. Do you have a compliance expiration system?	10	10
21. Do you have a compliance renewal system?	10	10
22. Do you have a compliance extension system?	10	10
23. Do you have a compliance amendment system?	10	10
24. Do you have a compliance modification system?	10	10
25. Do you have a compliance deletion system?	10	10
26. Do you have a compliance archiving system?	10	10
27. Do you have a compliance backup system?	10	10
28. Do you have a compliance recovery system?	10	10
29. Do you have a compliance restoration system?	10	10
30. Do you have a compliance migration system?	10	10
31. Do you have a compliance transfer system?	10	10
32. Do you have a compliance distribution system?	10	10
33. Do you have a compliance dissemination system?	10	10
34. Do you have a compliance communication system?	10	10
35. Do you have a compliance reporting system?	10	10
36. Do you have a compliance documentation system?	10	10
37. Do you have a compliance record keeping system?	10	10
38. Do you have a compliance audit system?	10	10
39. Do you have a compliance risk assessment system?	10	10
40. Do you have a compliance incident response system?	10	10
41. Do you have a compliance evaluation system?	10	10
42. Do you have a compliance improvement system?	10	10
43. Do you have a compliance review system?	10	10
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95. Do you have a compliance record keeping system?	10	10
96. Do you have a compliance audit system?	10	10
97. Do you have a compliance risk assessment system?	10	10
98. Do you have a compliance incident response system?	10	10
99. Do you have a compliance evaluation system?	10	10
100. Do you have a compliance improvement system?	10	10

Enforcement Action? Yes No

Report To: Coralie Dayde

Invoice To: Coralie Dayde

TA Quote #: 07124MH

Project ID: PCWA WQ

Project #: 3177621/00002

[illegible]

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: Enrix
 REC. BY (PRINT): STUE NG
 WORKORDER: MO10723

DATE REC'D AT LAB: 9/25/07
 TIME REC'D AT LAB: 2035
 DATE LOGGED IN: 9/26/07

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

CIRCLE THE APPROPRIATE RESPONSE

	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESER VATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	01	MFAR-5 RM35.5	1(L) P	4IN03	—	U	9/24/07	@ 115
2. Chain-of-Custody			1(L) P	H2SO4	↓	↓		
3. Traffic Reports or Packing List:			2(L) P	—	↓	↓		
4. Airbill:	02	MFAR-6 RM36.5	1(250) A	HEL	↓	↓		@ 1150
	03	IR-1 RM36.0	Same	same	same	same		@ 1040
	04	MFAR-10 RM39.0	↓	↓	↓	↓		@ 1325
5. Airbill #:								
6. Sample Labels:								
7. Sample IDs:								
8. Sample Condition:								
9. Does information on chain-of-custody, traffic reports and sample labels agree?								
10. Sample received within hold time?								
11. Adequate sample volume received?								
12. Proper preservatives used?								
13. Trip Blank / Temp Blank Received? (circle which, if yes)								
14. Read Temp: Corrected Temp: Is corrected temp 4 +/- 2°C?								

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