

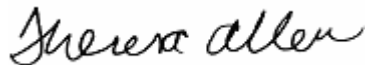
19 June, 2007

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

RE: PCWA WQ  
Work Order: MQF0012

Enclosed are the results of analyses for samples received by the laboratory on 05/31/07 22:00. 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.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

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	MQF0012 <b>Reported:</b> 06/19/07 08:25
---	---	---

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FM-1	MQF0012-01	Water	05/31/07 08:40	05/31/07 22:00
FM-1 (s)	MQF0012-02	Water	05/31/07 09:30	05/31/07 22:00
FM-2	MQF0012-03	Water	05/31/07 10:40	05/31/07 22:00
FM-2 (s)	MQF0012-04	Water	05/31/07 10:00	05/31/07 22:00
FM-3	MQF0012-05	Water	05/31/07 12:15	05/31/07 22:00
FM-3 (s)	MQF0012-06	Water	05/31/07 13:15	05/31/07 22:00

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## INORGANICS

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-1 (MQF0012-01) Water Sampled: 05/31/07 08:40 Received: 05/31/07 22:00</b>									
Ammonia-N	ND	0.50	mg/l	1	7F12085	06/12/07	06/12/07 12:30	EPA 350.3	M2
Phosphorus	ND	0.050	"	"	7F05126	06/05/07	06/05/07 22:13	EPA 365.3	
<b>Total Kjeldahl Nitrogen</b>	<b>2.0</b>	0.50	"	"	7F13088	06/13/07	06/13/07	EPA 351.3	
<b>Total Organic Carbon</b>	<b>1.1</b>	1.0	"	"	7F06133	06/06/07	06/06/07 14:45	SM5310B	
<b>FM-1 (s) (MQF0012-02) Water Sampled: 05/31/07 09:30 Received: 05/31/07 22:00</b>									
Ammonia-N	ND	0.50	mg/l	1	7F12085	06/12/07	06/12/07 12:30	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F05126	06/05/07	06/05/07 22:13	EPA 365.3	
<b>Total Kjeldahl Nitrogen</b>	<b>1.4</b>	0.50	"	"	7F13088	06/13/07	06/13/07	EPA 351.3	
<b>Total Organic Carbon</b>	<b>1.0</b>	1.0	"	"	7F06133	06/06/07	06/06/07 14:45	SM5310B	
<b>FM-2 (MQF0012-03) Water Sampled: 05/31/07 10:40 Received: 05/31/07 22:00</b>									
Ammonia-N	ND	0.50	mg/l	1	7F12085	06/12/07	06/12/07 12:30	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F05126	06/05/07	06/05/07 22:13	EPA 365.3	
<b>Total Kjeldahl Nitrogen</b>	<b>2.5</b>	0.50	"	"	7F13088	06/13/07	06/13/07	EPA 351.3	
<b>Total Organic Carbon</b>	<b>1.2</b>	1.0	"	"	7F06133	06/06/07	06/06/07 14:45	SM5310B	
<b>FM-2 (s) (MQF0012-04) Water Sampled: 05/31/07 10:00 Received: 05/31/07 22:00</b>									
Ammonia-N	ND	0.50	mg/l	1	7F12085	06/12/07	06/12/07 12:30	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F05126	06/05/07	06/05/07 22:13	EPA 365.3	
<b>Total Kjeldahl Nitrogen</b>	<b>1.1</b>	0.50	"	"	7F13088	06/13/07	06/13/07	EPA 351.3	
<b>Total Organic Carbon</b>	<b>1.6</b>	1.0	"	"	7F06133	06/06/07	06/06/07 14:45	SM5310B	
<b>FM-3 (MQF0012-05) Water Sampled: 05/31/07 12:15 Received: 05/31/07 22:00</b>									
Ammonia-N	ND	0.50	mg/l	1	7F12085	06/12/07	06/12/07 12:30	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F05126	06/05/07	06/05/07 22:13	EPA 365.3	
<b>Total Kjeldahl Nitrogen</b>	<b>5.0</b>	0.50	"	"	7F13088	06/13/07	06/13/07	EPA 351.3	
<b>Total Organic Carbon</b>	<b>1.4</b>	1.0	"	"	7F06133	06/06/07	06/06/07 14:45	SM5310B	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## INORGANICS

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-3 (s) (MQF0012-06) Water    Sampled: 05/31/07 13:15    Received: 05/31/07 22:00</b>									
Ammonia-N	ND	0.50	mg/l	1	7F13076	06/13/07	06/13/07 09:40	EPA 350.3	
Phosphorus	ND	0.050	"	"	7F05126	06/05/07	06/05/07 22:13	EPA 365.3	
<b>Total Kjeldahl Nitrogen</b>	<b>78</b>	1.0	"	2	7F13088	06/13/07	06/13/07	EPA 351.3	
<b>Total Organic Carbon</b>	<b>1.6</b>	1.0	"	1	7F06133	06/06/07	06/06/07 14:45	SM5310B	pH

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

### Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

#### FM-1 (MQF0012-01) Water Sampled: 05/31/07 08:40 Received: 05/31/07 22:00

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7F05023	06/05/07	06/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		94 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91 %	60-135		"	"	"	"	

#### FM-1 (s) (MQF0012-02) Water Sampled: 05/31/07 09:30 Received: 05/31/07 22:00

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7F05023	06/05/07	06/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		92 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		97 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %	60-135		"	"	"	"	

#### FM-2 (MQF0012-03) Water Sampled: 05/31/07 10:40 Received: 05/31/07 22:00

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7F05023	06/05/07	06/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		96 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		97 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		87 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-135		"	"	"	"	

#### FM-2 (s) (MQF0012-04) Water Sampled: 05/31/07 10:00 Received: 05/31/07 22:00

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7F05023	06/05/07	06/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		98 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		97 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		92 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %	60-135		"	"	"	"	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

### Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

#### FM-3 (MQF0012-05) Water Sampled: 05/31/07 12:15 Received: 05/31/07 22:00

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7F05023	06/05/07	06/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		92 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87 %	60-135		"	"	"	"	

#### FM-3 (s) (MQF0012-06) Water Sampled: 05/31/07 13:15 Received: 05/31/07 22:00

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7F05023	06/05/07	06/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		93 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		98 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		91 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-135		"	"	"	"	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-1 (MQF0012-01) Water    Sampled: 05/31/07 08:40    Received: 05/31/07 22:00</b>									
<b>Calcium</b>	<b>2.3</b>	0.50	mg/l	1	7F08022	06/08/07	06/11/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
<b>Magnesium</b>	<b>0.57</b>	0.10	"	"	"	"	"	"	
<b>Sodium</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	
<b>FM-1 (s) (MQF0012-02) Water    Sampled: 05/31/07 09:30    Received: 05/31/07 22:00</b>									
<b>Calcium</b>	<b>2.1</b>	0.50	mg/l	1	7F08022	06/08/07	06/11/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
<b>Magnesium</b>	<b>0.54</b>	0.10	"	"	"	"	"	"	
<b>Sodium</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	
<b>FM-2 (MQF0012-03) Water    Sampled: 05/31/07 10:40    Received: 05/31/07 22:00</b>									
<b>Calcium</b>	<b>2.2</b>	0.50	mg/l	1	7F08022	06/08/07	06/11/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
<b>Magnesium</b>	<b>0.58</b>	0.10	"	"	"	"	"	"	
<b>Sodium</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	
<b>FM-2 (s) (MQF0012-04) Water    Sampled: 05/31/07 10:00    Received: 05/31/07 22:00</b>									
<b>Calcium</b>	<b>2.2</b>	0.50	mg/l	1	7F08022	06/08/07	06/11/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
<b>Magnesium</b>	<b>0.56</b>	0.10	"	"	"	"	"	"	
<b>Sodium</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	
<b>FM-3 (MQF0012-05) Water    Sampled: 05/31/07 12:15    Received: 05/31/07 22:00</b>									
<b>Calcium</b>	<b>2.2</b>	0.50	mg/l	1	7F08022	06/08/07	06/11/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
<b>Magnesium</b>	<b>0.57</b>	0.10	"	"	"	"	"	"	
<b>Sodium</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-3 (s) (MQF0012-06) Water    Sampled: 05/31/07 13:15    Received: 05/31/07 22:00</b>									
<b>Calcium</b>	<b>2.2</b>	0.50	mg/l	1	7F08022	06/08/07	06/11/07	EPA 200.7	
Potassium	ND	2.0	"	"	"	"	"	"	
<b>Magnesium</b>	<b>0.57</b>	0.10	"	"	"	"	"	"	
<b>Sodium</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	



Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-1 (MQF0012-01) Water Sampled: 05/31/07 08:40 Received: 05/31/07 22:00</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	7F12003	06/12/07	06/12/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		100 %	60-125		"	"	"	"	
<b>FM-1 (s) (MQF0012-02) Water Sampled: 05/31/07 09:30 Received: 05/31/07 22:00</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	7F05023	06/05/07	06/06/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-125		"	"	"	"	
<b>FM-2 (MQF0012-03) Water Sampled: 05/31/07 10:40 Received: 05/31/07 22:00</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	7F05023	06/05/07	06/06/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96 %	60-125		"	"	"	"	
<b>FM-2 (s) (MQF0012-04) Water Sampled: 05/31/07 10:00 Received: 05/31/07 22:00</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	7F05023	06/05/07	06/06/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98 %	60-125		"	"	"	"	
<b>FM-3 (MQF0012-05) Water Sampled: 05/31/07 12:15 Received: 05/31/07 22:00</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	7F05023	06/05/07	06/06/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-125		"	"	"	"	
<b>FM-3 (s) (MQF0012-06) Water Sampled: 05/31/07 13:15 Received: 05/31/07 22:00</b>									
Methyl tert-butyl ether	ND	0.50	ug/l	1	7F05023	06/05/07	06/06/07	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		93 %	60-125		"	"	"	"	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## Conventional Chemistry Parameters by APHA/EPA Methods

### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

#### FM-1 (MQF0012-01) Water Sampled: 05/31/07 08:40 Received: 05/31/07 22:00

<b>Bicarbonate Alkalinity</b>	<b>22</b>	5.0	mg/l	1	7F05038	06/04/07	06/04/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
<b>Total Alkalinity</b>	<b>22</b>	5.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>8.1</b>	1.0	"	"	7F08022	06/08/07	06/11/07	SM2340B	
Oil & Grease (HEM)	ND	4.8	"	"	7F13029	06/13/07	06/14/07	EPA 1664A	
Phosphate (Ortho) as P	ND	0.010	"	"	7F01025	06/01/07	06/01/07	SM 4500P-E	
							10:00		
<b>Total Dissolved Solids</b>	<b>44</b>	10	"	"	7F06040	06/05/07	06/07/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7F04006	06/01/07	06/04/07	SM 2540D	
<b>Turbidity</b>	<b>1.1</b>	0.10	NTU	"	7F01028	05/31/07	05/31/07	EPA 180.1	
							22:15		

#### FM-1 (s) (MQF0012-02) Water Sampled: 05/31/07 09:30 Received: 05/31/07 22:00

<b>Bicarbonate Alkalinity</b>	<b>22</b>	5.0	mg/l	1	7F05038	06/04/07	06/04/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
<b>Total Alkalinity</b>	<b>22</b>	5.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>7.5</b>	1.0	"	"	7F08022	06/08/07	06/11/07	SM2340B	
Oil & Grease (HEM)	ND	4.7	"	"	7F13029	06/13/07	06/14/07	EPA 1664A	
Phosphate (Ortho) as P	ND	0.010	"	"	7F01025	06/01/07	06/01/07	SM 4500P-E	
							10:00		
<b>Total Dissolved Solids</b>	<b>40</b>	10	"	"	7F06040	06/05/07	06/07/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7F04006	06/01/07	06/04/07	SM 2540D	
<b>Turbidity</b>	<b>1.1</b>	0.10	NTU	"	7F01028	05/31/07	05/31/07	EPA 180.1	
							22:15		

#### FM-2 (MQF0012-03) Water Sampled: 05/31/07 10:40 Received: 05/31/07 22:00

<b>Bicarbonate Alkalinity</b>	<b>20</b>	5.0	mg/l	1	7F05038	06/04/07	06/04/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
<b>Total Alkalinity</b>	<b>20</b>	5.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>7.9</b>	1.0	"	"	7F08022	06/08/07	06/11/07	SM2340B	
Oil & Grease (HEM)	ND	4.8	"	"	7F13029	06/13/07	06/14/07	EPA 1664A	
Phosphate (Ortho) as P	ND	0.010	"	"	7F01025	06/01/07	06/01/07	SM 4500P-E	
							10:00		
<b>Total Dissolved Solids</b>	<b>44</b>	10	"	"	7F06040	06/05/07	06/07/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7F04006	06/01/07	06/04/07	SM 2540D	
<b>Turbidity</b>	<b>1.2</b>	0.10	NTU	"	7F01028	05/31/07	05/31/07	EPA 180.1	
							22:15		

TestAmerica - Morgan Hill, CA

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

### Conventional Chemistry Parameters by APHA/EPA Methods

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-2 (s) (MQF0012-04) Water    Sampled: 05/31/07 10:00    Received: 05/31/07 22:00</b>									
<b>Bicarbonate Alkalinity</b>	<b>24</b>	5.0	mg/l	1	7F05038	06/04/07	06/04/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
<b>Total Alkalinity</b>	<b>24</b>	5.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>7.8</b>	1.0	"	"	7F08022	06/08/07	06/11/07	SM2340B	
Oil & Grease (HEM)	ND	4.7	"	"	7F13029	06/13/07	06/14/07	EPA 1664A	
Phosphate (Ortho) as P	ND	0.010	"	"	7F01025	06/01/07	06/01/07	SM 4500P-E	
							10:00		
<b>Total Dissolved Solids</b>	<b>40</b>	10	"	"	7F06040	06/05/07	06/07/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7F04006	06/01/07	06/04/07	SM 2540D	
<b>Turbidity</b>	<b>1.1</b>	0.10	NTU	"	7F01028	05/31/07	05/31/07	EPA 180.1	
							22:15		
<b>FM-3 (MQF0012-05) Water    Sampled: 05/31/07 12:15    Received: 05/31/07 22:00</b>									
<b>Bicarbonate Alkalinity</b>	<b>22</b>	5.0	mg/l	1	7F05038	06/04/07	06/04/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
<b>Total Alkalinity</b>	<b>22</b>	5.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>7.8</b>	1.0	"	"	7F08022	06/08/07	06/11/07	SM2340B	
Oil & Grease (HEM)	ND	4.8	"	"	7F13029	06/13/07	06/14/07	EPA 1664A	
Phosphate (Ortho) as P	ND	0.010	"	"	7F01025	06/01/07	06/01/07	SM 4500P-E	
							10:00		
<b>Total Dissolved Solids</b>	<b>40</b>	10	"	"	7F06040	06/05/07	06/07/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7F04006	06/01/07	06/04/07	SM 2540D	
<b>Turbidity</b>	<b>0.60</b>	0.10	NTU	"	7F01028	05/31/07	05/31/07	EPA 180.1	
							22:15		
<b>FM-3 (s) (MQF0012-06) Water    Sampled: 05/31/07 13:15    Received: 05/31/07 22:00</b>									
<b>Bicarbonate Alkalinity</b>	<b>20</b>	5.0	mg/l	1	7F05038	06/04/07	06/04/07	SM 2320B	
Carbonate Alkalinity	ND	5.0	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5.0	"	"	"	"	"	"	
<b>Total Alkalinity</b>	<b>20</b>	5.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>7.8</b>	1.0	"	"	7F08022	06/08/07	06/11/07	SM2340B	
Oil & Grease (HEM)	ND	4.7	"	"	7F13029	06/13/07	06/14/07	EPA 1664A	
Phosphate (Ortho) as P	ND	0.010	"	"	7F01025	06/01/07	06/01/07	SM 4500P-E	
							10:00		
<b>Total Dissolved Solids</b>	<b>38</b>	10	"	"	7F06040	06/05/07	06/07/07	SM 2540C	
Total Suspended Solids	ND	10	"	"	7F04006	06/01/07	06/04/07	SM 2540D	
<b>Turbidity</b>	<b>0.78</b>	0.10	NTU	"	7F01028	05/31/07	05/31/07	EPA 180.1	
							22:15		

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

**Anions by EPA Method 300.0**  
**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>FM-1 (MQF0012-01) Water Sampled: 05/31/07 08:40 Received: 05/31/07 22:00</b>									
Chloride	ND	1.0	mg/l	1	7F02008	06/02/07	06/02/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
<b>FM-1 (s) (MQF0012-02) Water Sampled: 05/31/07 09:30 Received: 05/31/07 22:00</b>									
Chloride	ND	1.0	mg/l	1	7F02008	06/02/07	06/02/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
<b>FM-2 (MQF0012-03) Water Sampled: 05/31/07 10:40 Received: 05/31/07 22:00</b>									
Chloride	ND	1.0	mg/l	1	7F02008	06/02/07	06/02/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
<b>FM-2 (s) (MQF0012-04) Water Sampled: 05/31/07 10:00 Received: 05/31/07 22:00</b>									
Chloride	ND	1.0	mg/l	1	7F02008	06/02/07	06/02/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
<b>FM-3 (MQF0012-05) Water Sampled: 05/31/07 12:15 Received: 05/31/07 22:00</b>									
Chloride	ND	1.0	mg/l	1	7F02008	06/02/07	06/02/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	
<b>FM-3 (s) (MQF0012-06) Water Sampled: 05/31/07 13:15 Received: 05/31/07 22:00</b>									
Chloride	ND	1.0	mg/l	1	7F02008	06/02/07	06/02/07	EPA 300.0	
Nitrite+Nitrate as N	ND	0.20	"	"	"	"	"	"	
Sulfate as SO4	ND	0.50	"	"	"	"	"	"	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## INORGANICS - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 7F12085 - General Prep / EPA 350.3

##### Blank (7F12085-BLK1)

Prepared & Analyzed: 06/12/07

Ammonia-N	ND	0.50	mg/l
-----------	----	------	------

##### Laboratory Control Sample (7F12085-BS1)

Prepared & Analyzed: 06/12/07

Ammonia-N	1.06	0.50	mg/l	1.00	106	85-115
-----------	------	------	------	------	-----	--------

##### Matrix Spike (7F12085-MS1)

Source: MQF0012-01

Prepared & Analyzed: 06/12/07

Ammonia-N	1.64	0.50	mg/l	2.00	0.15	74	75-125		M2
-----------	------	------	------	------	------	----	--------	--	----

##### Matrix Spike Dup (7F12085-MSD1)

Source: MQF0012-01

Prepared & Analyzed: 06/12/07

Ammonia-N	1.57	0.50	mg/l	2.00	0.15	71	75-125	4	15	M2
-----------	------	------	------	------	------	----	--------	---	----	----

#### Batch 7F13076 - General Prep / EPA 350.3

##### Blank (7F13076-BLK1)

Prepared & Analyzed: 06/13/07

Ammonia-N	ND	0.50	mg/l
-----------	----	------	------

##### Laboratory Control Sample (7F13076-BS1)

Prepared & Analyzed: 06/13/07

Ammonia-N	1.01	0.50	mg/l	1.00	101	85-115
-----------	------	------	------	------	-----	--------

##### Matrix Spike (7F13076-MS1)

Source: MQF0012-06

Prepared & Analyzed: 06/13/07

Ammonia-N	1.82	0.50	mg/l	2.00	ND	91	75-125
-----------	------	------	------	------	----	----	--------

##### Matrix Spike Dup (7F13076-MSD1)

Source: MQF0012-06

Prepared & Analyzed: 06/13/07

Ammonia-N	2.05	0.50	mg/l	2.00	ND	102	75-125	12	15
-----------	------	------	------	------	----	-----	--------	----	----

#### Batch 7F13088 - General Prep / EPA 351.3

##### Blank (7F13088-BLK1)

Prepared & Analyzed: 06/13/07

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

MQF0012  
**Reported:**  
06/19/07 08:25

## INORGANICS - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 7F13088 - General Prep / EPA 351.3

##### Laboratory Control Sample (7F13088-BS1)

Prepared & Analyzed: 06/13/07

Total Kjeldahl Nitrogen	19.9	0.50	mg/l	20.0	100	85-120			
-------------------------	------	------	------	------	-----	--------	--	--	--

##### Laboratory Control Sample Dup (7F13088-BSD1)

Prepared & Analyzed: 06/13/07

Total Kjeldahl Nitrogen	19.9	0.50	mg/l	20.0	100	85-120	0	15	
-------------------------	------	------	------	------	-----	--------	---	----	--

##### Matrix Spike (7F13088-MS1)

Source: IQF0139-04

Prepared & Analyzed: 06/13/07

Total Kjeldahl Nitrogen	10.9	0.50	mg/l	10.0	0.84	101	85-120		
-------------------------	------	------	------	------	------	-----	--------	--	--

##### Matrix Spike Dup (7F13088-MSD1)

Source: IQF0139-04

Prepared & Analyzed: 06/13/07

Total Kjeldahl Nitrogen	10.6	0.50	mg/l	10.0	0.84	98	85-120	3	15
-------------------------	------	------	------	------	------	----	--------	---	----

#### Batch 7F05126 - General Prep / EPA 365.3

##### Blank (7F05126-BLK1)

Prepared & Analyzed: 06/05/07

Phosphorus	ND	0.050	mg/l						
------------	----	-------	------	--	--	--	--	--	--

##### Laboratory Control Sample (7F05126-BS1)

Prepared & Analyzed: 06/05/07

Phosphorus	1.01	0.050	mg/l	1.00	101	80-120			
------------	------	-------	------	------	-----	--------	--	--	--

##### Matrix Spike (7F05126-MS1)

Source: MQF0012-01

Prepared & Analyzed: 06/05/07

Phosphorus	1.01	0.050	mg/l	1.00	ND	101	65-130		
------------	------	-------	------	------	----	-----	--------	--	--

##### Matrix Spike Dup (7F05126-MSD1)

Source: MQF0012-01

Prepared & Analyzed: 06/05/07

Phosphorus	1.00	0.050	mg/l	1.00	ND	100	65-130	1	15
------------	------	-------	------	------	----	-----	--------	---	----

#### Batch 7F06133 - General Prep / SM5310B

##### Blank (7F06133-BLK1)

Prepared & Analyzed: 06/06/07

Total Organic Carbon	ND	1.0	mg/l						
----------------------	----	-----	------	--	--	--	--	--	--

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## INORGANICS - Quality Control

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

#### Batch 7F06133 - General Prep / SM5310B

##### Laboratory Control Sample (7F06133-BS1)

Prepared & Analyzed: 06/06/07

Total Organic Carbon	10.6	1.0	mg/l	10.0	106	90-110
----------------------	------	-----	------	------	-----	--------

##### Matrix Spike (7F06133-MS1)

Source: IQF0194-02

Prepared & Analyzed: 06/06/07

Total Organic Carbon	12.9	1.0	mg/l	5.00	8.3	92	80-120
----------------------	------	-----	------	------	-----	----	--------

##### Matrix Spike Dup (7F06133-MSD1)

Source: IQF0194-02

Prepared & Analyzed: 06/06/07

Total Organic Carbon	13.0	1.0	mg/l	5.00	8.3	94	80-120	0.8	20
----------------------	------	-----	------	------	-----	----	--------	-----	----

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

**Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control**  
**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

**Batch 7F05023 - EPA 5030B P/T / LUFT GCMS**

**Blank (7F05023-BLK1)**

Prepared: 06/05/07 Analyzed: 06/06/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.25		"	2.50		90	60-125			
Surrogate: Dibromofluoromethane	2.40		"	2.50		96	75-120			
Surrogate: Toluene-d8	2.30		"	2.50		92	80-120			
Surrogate: 4-Bromofluorobenzene	2.41		"	2.50		96	60-135			

**Laboratory Control Sample (7F05023-BS2)**

Prepared & Analyzed: 06/05/07

Gasoline Range Organics (C4-C12)	466	50	ug/l	500		93	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.25		"	2.50		90	60-125			
Surrogate: Dibromofluoromethane	2.44		"	2.50		98	75-120			
Surrogate: Toluene-d8	2.38		"	2.50		95	80-120			
Surrogate: 4-Bromofluorobenzene	2.59		"	2.50		104	60-135			

**Laboratory Control Sample Dup (7F05023-BSD2)**

Prepared & Analyzed: 06/05/07

Gasoline Range Organics (C4-C12)	449	50	ug/l	500		90	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.56		"	2.50		102	60-125			
Surrogate: Dibromofluoromethane	2.28		"	2.50		91	75-120			
Surrogate: Toluene-d8	2.27		"	2.50		91	80-120			
Surrogate: 4-Bromofluorobenzene	2.41		"	2.50		96	60-135			

**Batch 7F12003 - EPA 5030B P/T / LUFT GCMS**

**Matrix Spike (7F12003-MS1)**

Source: MQF0012-01

Prepared & Analyzed: 06/12/07

Surrogate: 4-Bromofluorobenzene	2.54		ug/l	2.50		102	60-135			
---------------------------------	------	--	------	------	--	-----	--------	--	--	--



Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

**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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

**Batch 7F08022 - EPA 200.7/3005A / EPA 200.7**

**Blank (7F08022-BLK1)**

Prepared: 06/08/07 Analyzed: 06/11/07

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

**Laboratory Control Sample (7F08022-BS1)**

Prepared: 06/08/07 Analyzed: 06/11/07

Sodium	10.6	0.50	mg/l	10.0	106	85-115
Potassium	10.4	2.0	"	10.0	104	85-115
Magnesium	10.4	0.10	"	10.0	104	85-115
Calcium	10.0	0.50	"	10.0	100	85-115

**Matrix Spike (7F08022-MS1)**

**Source: MQF0012-01**

Prepared: 06/08/07 Analyzed: 06/11/07

Magnesium	10.7	0.10	mg/l	10.0	0.574	101	70-130
Calcium	12.0	0.50	"	10.0	2.26	97	70-130
Sodium	11.3	0.50	"	10.0	1.22	101	70-130
Potassium	10.4	2.0	"	10.0	ND	104	70-130

**Matrix Spike Dup (7F08022-MSD1)**

**Source: MQF0012-01**

Prepared: 06/08/07 Analyzed: 06/11/07

Sodium	11.4	0.50	mg/l	10.0	1.22	102	70-130	0.9	20
Calcium	12.0	0.50	"	10.0	2.26	98	70-130	0.3	20
Potassium	10.4	2.0	"	10.0	ND	104	70-130	0.7	20
Magnesium	10.7	0.10	"	10.0	0.574	101	70-130	0.2	20

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 7F05023 - EPA 5030B P/T / EPA 8260B

<b>Blank (7F05023-BLK1)</b>				Prepared: 06/05/07 Analyzed: 06/06/07						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.25		"	2.50		90	60-125			
<b>Laboratory Control Sample (7F05023-BS1)</b>				Prepared & Analyzed: 06/05/07						
Methyl tert-butyl ether	9.91	0.50	ug/l	10.0		99	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.28		"	2.50		91	60-125			
<b>Matrix Spike (7F05023-MS2)</b>				<b>Source: MQE1002-03RE1</b>		Prepared & Analyzed: 06/05/07				
Methyl tert-butyl ether	92.6	0.50	ug/l	10.0	84.9	76	50-140			MHA
Surrogate: 1,2-Dichloroethane-d4	2.37		"	2.50		95	60-125			
<b>Matrix Spike Dup (7F05023-MSD2)</b>				<b>Source: MQE1002-03RE1</b>		Prepared: 06/05/07 Analyzed: 06/06/07				
Methyl tert-butyl ether	103	0.50	ug/l	10.0	84.9	182	50-140	11	25	MHA
Surrogate: 1,2-Dichloroethane-d4	2.60		"	2.50		104	60-125			

#### Batch 7F12003 - EPA 5030B P/T / EPA 8260B

<b>Blank (7F12003-BLK1)</b>				Prepared & Analyzed: 06/12/07						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.61		"	2.50		104	60-125			
<b>Laboratory Control Sample (7F12003-BS1)</b>				Prepared & Analyzed: 06/12/07						
Methyl tert-butyl ether	9.86	0.50	ug/l	10.0		99	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.50		"	2.50		100	60-125			
<b>Matrix Spike (7F12003-MS1)</b>				<b>Source: MQF0012-01</b>		Prepared & Analyzed: 06/12/07				
Methyl tert-butyl ether	9.46	0.50	ug/l	10.0	ND	95	50-140			
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-125			

Entrix	Project: PCWA WQ	MQF0012
590 Ygnacio Valley Rd	Project Number: 3177621/0002	<b>Reported:</b>
Walnut Creek CA, 94596	Project Manager: Brian Frantz	06/19/07 08:25

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**

**TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

**Batch 7F12003 - EPA 5030B P/T / EPA 8260B**

<b>Matrix Spike Dup (7F12003-MSD1)</b>	<b>Source: MQF0012-01</b>			Prepared & Analyzed: 06/12/07						
Methyl tert-butyl ether	9.99	0.50	ug/l	10.0	ND	100	50-140	5	25	
Surrogate: 1,2-Dichloroethane-d4	2.42		"	2.50		97	60-125			

Entrix 590 Ygnacio Valley Rd Walnut Creek CA, 94596	Project: PCWA WQ Project Number: 3177621/0002 Project Manager: Brian Frantz	MQF0012 <b>Reported:</b> 06/19/07 08:25
---	---	---

## 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 7F13029 - General Prep / EPA 1664A

<b>Blank (7F13029-BLK1)</b>				Prepared: 06/13/07 Analyzed: 06/14/07						
Oil & Grease (HEM)	ND	5.0	mg/l							
<b>Laboratory Control Sample (7F13029-BS1)</b>				Prepared: 06/13/07 Analyzed: 06/14/07						
Oil & Grease (HEM)	17.6	5.0	mg/l	20.0		88	65-115			
<b>Laboratory Control Sample Dup (7F13029-BSD1)</b>				Prepared: 06/13/07 Analyzed: 06/14/07						
Oil & Grease (HEM)	16.2	5.0	mg/l	20.0		81	65-115	8	15	<b>MNRI</b>
<b>Duplicate (7F13029-DUP1)</b>				Source: MQF0012-01 Prepared: 06/13/07 Analyzed: 06/14/07						
Oil & Grease (HEM)	ND	4.8	mg/l		ND				35	

#### Batch 7F01028 - General Preparation / EPA 180.1

<b>Blank (7F01028-BLK1)</b>				Prepared & Analyzed: 05/31/07						
Turbidity	ND	0.10	NTU							
<b>Laboratory Control Sample (7F01028-BS1)</b>				Prepared & Analyzed: 05/31/07						
Turbidity	2.05	0.10	NTU	2.00		102	85-115			
<b>Matrix Spike (7F01028-MS1)</b>				Source: MQF0012-06 Prepared & Analyzed: 05/31/07						
Turbidity	2.88	0.10	NTU	2.00	0.780	105	85-115			
<b>Matrix Spike Dup (7F01028-MSD1)</b>				Source: MQF0012-06 Prepared & Analyzed: 05/31/07						
Turbidity	2.59	0.10	NTU	2.00	0.780	90	85-115	11	15	

#### Batch 7F05038 - General Preparation / SM 2320B

<b>Blank (7F05038-BLK1)</b>				Prepared & Analyzed: 06/04/07						
Bicarbonate Alkalinity	ND	5.0	mg/l							
Carbonate Alkalinity	ND	5.0	"							
Hydroxide Alkalinity	ND	5.0	"							
Total Alkalinity	ND	5.0	"							

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

**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 7F05038 - General Preparation / SM 2320B**

<b>Laboratory Control Sample (7F05038-BS1)</b>				Prepared & Analyzed: 06/04/07						
Total Alkalinity	100	5.0	mg/l	100	100	80-115				
<b>Matrix Spike (7F05038-MS1)</b>				Source: MQE0912-02 Prepared & Analyzed: 06/04/07						
Total Alkalinity	128	5.0	mg/l	100	23.6	104	80-115			
<b>Matrix Spike Dup (7F05038-MSD1)</b>				Source: MQE0912-02 Prepared & Analyzed: 06/04/07						
Total Alkalinity	124	5.0	mg/l	100	23.6	100	80-115	3	20	

**Batch 7F06040 - General Preparation / SM 2540C**

<b>Blank (7F06040-BLK1)</b>				Prepared: 06/05/07 Analyzed: 06/07/07						
Total Dissolved Solids	ND	10	mg/l							
<b>Laboratory Control Sample (7F06040-BS1)</b>				Prepared: 06/05/07 Analyzed: 06/07/07						
Total Dissolved Solids	508	10	mg/l	500	102	85-115				
<b>Duplicate (7F06040-DUP1)</b>				Source: MQF0053-04 Prepared: 06/05/07 Analyzed: 06/07/07						
Total Dissolved Solids	440	10	mg/l		462			5	20	

**Batch 7F04006 - General Preparation / SM 2540D**

<b>Blank (7F04006-BLK1)</b>				Prepared: 06/01/07 Analyzed: 06/04/07						
Total Suspended Solids	ND	10	mg/l							
<b>Duplicate (7F04006-DUP1)</b>				Source: MQE1018-01 Prepared: 06/01/07 Analyzed: 06/04/07						
Total Suspended Solids	212	10	mg/l		235			10	20	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

## 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 7F01025 - General Preparation / SM 4500P-E

<b>Blank (7F01025-BLK1)</b>				Prepared & Analyzed: 06/01/07						
Phosphate (Ortho) as P	ND	0.010	mg/l							
<b>Laboratory Control Sample (7F01025-BS1)</b>				Prepared & Analyzed: 06/01/07						
Phosphate (Ortho) as P	0.253	0.010	mg/l	0.250		101	90-115			
<b>Matrix Spike (7F01025-MS1)</b>				Prepared & Analyzed: 06/01/07						
Phosphate (Ortho) as P	0.242	0.010	mg/l	0.250	ND	97	90-115			
<b>Matrix Spike Dup (7F01025-MSD1)</b>				Prepared & Analyzed: 06/01/07						
Phosphate (Ortho) as P	0.242	0.010	mg/l	0.250	ND	97	90-115	0	15	

#### Batch 7F08022 - EPA 200.7/3005A / SM2340B

<b>Blank (7F08022-BLK1)</b>				Prepared: 06/08/07 Analyzed: 06/11/07						
Hardness as CaCO3	ND	1.0	mg/l							
<b>Laboratory Control Sample (7F08022-BS1)</b>				Prepared: 06/08/07 Analyzed: 06/11/07						
Hardness as CaCO3	67.8	1.0	mg/l	66.2		102	85-115			
<b>Matrix Spike (7F08022-MS1)</b>				Prepared: 06/08/07 Analyzed: 06/11/07						
Hardness as CaCO3	74.0	1.0	mg/l	66.2	8.09	100	85-115			
<b>Matrix Spike Dup (7F08022-MSD1)</b>				Prepared: 06/08/07 Analyzed: 06/11/07						
Hardness as CaCO3	74.0	1.0	mg/l	66.2	8.09	100	85-115	0	20	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

**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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

**Batch 7F02008 - General Preparation / EPA 300.0**

**Blank (7F02008-BLK1)**

Prepared & Analyzed: 06/02/07

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

**Laboratory Control Sample (7F02008-BS1)**

Prepared & Analyzed: 06/02/07

Chloride	10.3	1.0	mg/l	10.0		103	90-110			
Sulfate as SO4	10.4	0.50	"	10.0		104	90-110			
Nitrite+Nitrate as N	3.81	0.20	"	3.78		101	80-115			

**Matrix Spike (7F02008-MS1)**

**Source: MQF0005-01**

Prepared & Analyzed: 06/02/07

Nitrite+Nitrate as N	4.09	0.20	mg/l	3.78	0.176	103	80-115			
Sulfate as SO4	49.4	5.0	"	10.0	43.8	56	80-120			M8
Chloride	27.6	10	"	10.0	25.3	23	80-120			M8

**Matrix Spike Dup (7F02008-MSD1)**

**Source: MQF0005-01**

Prepared & Analyzed: 06/02/07

Chloride	27.4	10	mg/l	10.0	25.3	21	80-120	0.7	20	M8
Sulfate as SO4	49.8	5.0	"	10.0	43.8	59	80-120	0.7	20	M8
Nitrite+Nitrate as N	3.90	0.20	"	3.78	0.176	98	80-115	5	10	

Entrix  
590 Ygnacio Valley Rd  
Walnut Creek CA, 94596

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

MQF0012  
**Reported:**  
06/19/07 08:25

### Notes and Definitions

pH	pH = 7
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M8	The MS and/or MSD were below 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

★

2200

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ENRIX  
 REC. BY (PRINT) JULIE NG.  
 WORKORDER: MOFO012

DATE REC'D AT LAB: 5/31/07  
 TIME REC'D AT LAB: 2200  
 DATE LOGGED IN: 6/01/07

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	FM-1	2(L) P	-	-	W	5/31	
2. Chain-of-Custody			1(L) P	H2SO4				
3. Traffic Reports or Packing List			1(L) P	HN03				
4. Airbill:			2(L) A	HCL				
			1(250) A	HCL				
5. Airbill #:			4 VOAs	HCL				
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? Yes / No** (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC								

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