



City of Corona  
Department of Water and Power  
*"Protecting Public Health"*

Office: 951.736.2234  
Fax: 951.735.3786

755 Corporation Yard Way  
Corona, CA 92880 – [www.discovercorona.com](http://www.discovercorona.com)

August 23, 2010

Jeffrey Shu  
State Water Resources Control Board  
Division of Water Quality  
P.O. Box 100  
Sacramento, CA 95812-0100

Subject: **2012 INTEGRATED REPORT- SURFACE WATER QUALITY  
ASSESSMENT - DATA SUBMITTAL**

Dear Mr. Shu:

The City of Corona Department of Water and Power would like to submit water quality data and information for the 2012 California Integrated Report – Surface Water Quality Assessment and List of Impaired Water [Clean Water Act Section 305(b) and 303(d)].

Please don't hesitate to contact me if you wish to discuss this matter further. I can be reached at (951) 279-3665 or by e-mail at [Frank.Garza@ci.corona.ca.us](mailto:Frank.Garza@ci.corona.ca.us).

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person and persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,

Frank Garza  
Chief Reclamation Operator

c: Mr. Tom Moody, City of Corona, - [Tom.Moody@ci.corona.ca.us](mailto:Tom.Moody@ci.corona.ca.us)

## 2012 Integrated Report Data Submittal Information Form

Contact Information				
First Name:	Frank		Last Name:	Garza
Organization:	City of Corona Department of Water & Power			
Mailing Address:	755 Corporation Yard Way Corona, CA 92880			
Email:	Frank.Garza@ci.corona.ca.us		Preferred Contact Method:	
Phone:	(951) 279-3665		<input type="checkbox"/> Email	<input checked="" type="checkbox"/> Phone

Submittal Information			
Submittal Date:	08/23/2010		
Region data intended for: (Check all that apply)	<input type="checkbox"/> (1) North Coast	<input type="checkbox"/> (2) San Francisco	<input type="checkbox"/> (3) Central Coast
	<input type="checkbox"/> (4) Los Angeles	<input type="checkbox"/> (5) Central Valley	<input type="checkbox"/> (6) Lahontan
	<input type="checkbox"/> (7) Colorado River	<input checked="" type="checkbox"/> (8) Santa Ana	<input type="checkbox"/> (9) San Diego
GIS map layers included:	<input type="checkbox"/> Yes		
Pollutant Categories: (Check all that apply)	<input type="checkbox"/> Hydromodification	<input type="checkbox"/> Other Organics	<input type="checkbox"/> Toxicity
	<input checked="" type="checkbox"/> Metals/Metalloids	<input type="checkbox"/> Pathogens	<input type="checkbox"/> Trash
	<input type="checkbox"/> Nuisance	<input type="checkbox"/> Pesticides	<input type="checkbox"/> Miscellaneous
	<input type="checkbox"/> Nutrients	<input type="checkbox"/> Salinity	
	<input type="checkbox"/> Other Inorganics	<input type="checkbox"/> Sediment	
Time Period Data Collected:	01/10/2008 - 07/08/2010		
Summary of Data (Explanation of data included in submission or instructions on using data.):			
Submittal format:	<input checked="" type="checkbox"/> Electronic	<input type="checkbox"/> Hard Copy/Paper	

Internal Use Only (by Water Boards)	
Control #:	_____
Date Received:	___/___/___

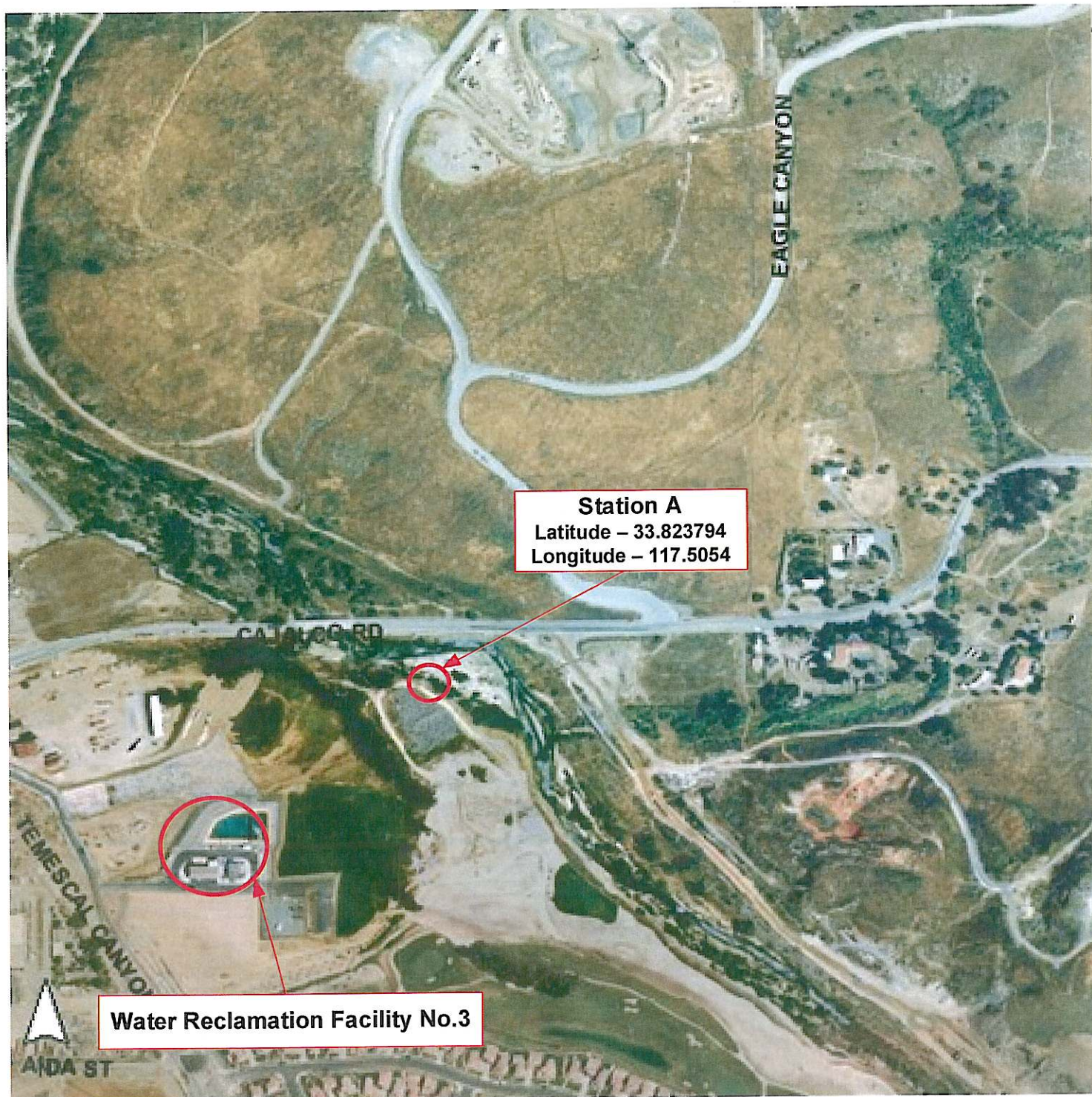


# City of Corona Water Reclamation Facility No.3

Order No. R8-2007-0007

NPDES No. CA8000395

Temescal Creek – Reach 1





# City of Corona Water Reclamation Facility No.1

Order No. R8-2007-0005

NPDES No. CA8000383

## Prado Basin Management Zone & Santa Ana River – Reach 3



CITY OF CORONA DWP STATION A WATER RECLAMATION FACILITY NO. 1  
TOTAL RECOVERABLE METALS QUARTERLY MONITORING REPORT  
ORDER NO. R8-2007-0005  
NPDES NO. CA8000383

MONITORING PARAMETER	MONITORING FREQUENCY GRAB / COMPOSITE		SAMPLE RESULT 4/10/08	SAMPLE RESULT 7/10/08	SAMPLE RESULT 10/10/08	SAMPLE RESULT 1/15/09	SAMPLE RESULT 4/8/09	SAMPLE RESULT 7/16/09	SAMPLE RESULT 10/7/09	SAMPLE RESULT 1/7/10	SAMPLE RESULT 4/7/10	SAMPLE RESULT 7/7/10
ANTIMONY (ug/L)	QUARTERLY	G	0.29	ND	ND	ND	0.45	0.2	0.2	0.2	0.3	0.2
ARSENIC (ug/L)	QUARTERLY	G	1.2	2	1.2	0.79	1.2	2	2.4	2.5	1.7	1.8
BERYLLIUM (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM (ug/L)	QUARTERLY	G	0.11	ND	0.19	ND	0.18	0.05	0.08	0.13	0.08	0.08
CHROMIUM (ug/L)	QUARTERLY	G	0.9	ND	ND	1.3	1.4	1	0.5	1.7	1.7	1.2
COPPER (ug/L)	QUARTERLY	G	2.2	1.7	2.7	4.9	3.5	3.5	3.1	6.2	5.1	4.2
LEAD (ug/L)	QUARTERLY	G	ND	ND	1.5	0.56	0.72	0.3	0.1	0.7	0.1	0.09
MERCURY (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND
NICKEL (ug/L)	QUARTERLY	G	1.7	3.3	5	0.97	4	2.1	2.7	4.8	4.6	4.2
SELENIUM (ug/L)	QUARTERLY	G	1.2	1.2	0.49	0.36	0.63	0.9	1.1	1.3	2.1	2.1
SILVER (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ZINC (ug/L)	QUARTERLY	G	4.1	4.8	12	6.7	17	6.3	6.8	15	11	9.1
HARDNESS (mg/L)	QUARTERLY	G	380	400	420	400	390	370	440	420	440	450

CITY OF CORONA DWP STATION A WATER RECLAMATION FACILITY NO. 3  
TOTAL RECOVERABLE METALS QUARTERLY MONITORING REPORT  
ORDER NO. R8-2007-0007  
NPDES NO. CA8000395

MONITORING PARAMETER	MONITORING FREQUENCY GRAB / COMPOSITE		SAMPLE RESULT 1/10/08	SAMPLE RESULT 4/10/08	SAMPLE RESULT 7/10/08	SAMPLE RESULT 10/10/08	SAMPLE RESULT 1/15/09	SAMPLE RESULT 4/8/09	SAMPLE RESULT 7/16/09	SAMPLE RESULT 10/7/09	SAMPLE RESULT 1/7/10	SAMPLE RESULT 4/7/10	SAMPLE RESULT 7/8/10
ANTIMONY (ug/L)	QUARTERLY	G	ND	0.57	ND	0.25	1.1	ND	0.2	0.2	0.2	0.2	0.2
ARSENIC (ug/L)	QUARTERLY	G	5.9	5.4	4.7	4	3.2	4	6.2	4.1	3.1	5	6.2
BERYLLIUM (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM (ug/L)	QUARTERLY	G	ND	0.14	ND	0.11	0.14	0.12	0.05	0.04	0.06	0.08	0.04
CHROMIUM (ug/L)	QUARTERLY	G	2.1	0.83	ND	1.7	2.2	1.2	0.9	ND	1.5	0.6	0.7
COPPER (ug/L)	QUARTERLY	G	6.8	3.1	1.4	3.1	3.7	2.5	2.9	3	3.6	4.7	2.9
LEAD (ug/L)	QUARTERLY	G	1.4	0.89	ND	1.4	1.1	0.39	0.06	0.1	0.4	0.2	0.08
MERCURY (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL (ug/L)	QUARTERLY	G	3.4	2.1	2.6	5.3	4.9	3.9	1.7	1.9	3.3	3.1	3.5
SELENIUM (ug/L)	QUARTERLY	G	2	1.3	2.3	2.6	0.54	1.7	2.5	2.6	3.2	3	3
SILVER (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM (ug/L)	QUARTERLY	G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ZINC (ug/L)	QUARTERLY	G	35	13	3.6	12	14	7.3	6.7	5.3	6.3	6.1	12
HARDNESS (mg/L)	QUARTERLY	G	280	300	350	430	280	350	370	400	400		

## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Quarterly Station A, Plant 3  
(01/10/08)

Sampled: 01/10/08  
Received: 01/10/08  
Issued: 01/25/08 18:23

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL  
INFORMATION: This is a complete final report.

### LABORATORY ID

IRA0938-01

### CLIENT ID

3EFFCR:

### MATRIX

Water

Reviewed By:



TestAmerica Irvine

Kathleen A. Robb For D.J. Watson  
Project Manager



City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Quarterly Station A, Plant 3 (01/10/08)  
Report Number: IRA0938

Sampled: 01/10/08  
Received: 01/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRA0938-01 (3EFFCR: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8A14066	N/A	0.00020	ND	1	01/14/08	01/14/08	

### TestAmerica Irvine

Kathleen A. Robb For D.J. Watson  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRA0938 <Page 8 of 36>**

City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Quarterly Station A, Plant 3 (01/10/08)  
Report Number: IRA0938

Sampled: 01/10/08  
Received: 01/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRA0938-01 (3EFFCR: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8A14062	N/A	2.0	ND	1	01/14/08	01/14/08	
<b>Arsenic</b>	EPA 200.8	8A14062	N/A	1.0	<b>5.9</b>	1	01/14/08	01/14/08	
Beryllium	EPA 200.8	8A14062	N/A	0.50	ND	1	01/14/08	01/14/08	
Cadmium	EPA 200.8	8A14062	N/A	1.0	ND	1	01/14/08	01/14/08	
<b>Chromium</b>	EPA 200.8	8A14062	N/A	2.0	<b>2.1</b>	1	01/14/08	01/14/08	
<b>Copper</b>	EPA 200.8	8A14062	N/A	2.0	<b>6.8</b>	1	01/14/08	01/14/08	
<b>Lead</b>	EPA 200.8	8A14062	N/A	1.0	<b>1.4</b>	1	01/14/08	01/14/08	
<b>Nickel</b>	EPA 200.8	8A14062	N/A	2.0	<b>3.4</b>	1	01/14/08	01/14/08	
<b>Selenium</b>	EPA 200.8	8A14062	N/A	2.0	<b>2.0</b>	1	01/14/08	01/14/08	
Silver	EPA 200.8	8A14062	N/A	1.0	ND	1	01/14/08	01/14/08	
Thallium	EPA 200.8	8A14062	N/A	1.0	ND	1	01/14/08	01/14/08	
<b>Zinc</b>	EPA 200.8	8A14062	N/A	20	<b>35</b>	1	01/14/08	01/14/08	

### TestAmerica Irvine

Kathleen A. Robb For D.J. Watson  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRA0938 <Page 9 of 36>**



## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Quarterly Station A Plant 1  
(04/10/08)

Sampled: 04/10/08  
Received: 04/10/08  
Issued: 04/28/08 10:16

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

**LABORATORY ID**

IRD0999-01

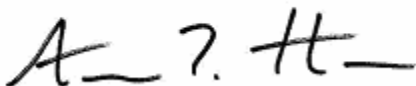
**CLIENT ID**

STNA:

**MATRIX**

Water

Reviewed By:



**TestAmerica Irvine**

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Quarterly Station A Plant 1 (04/10/08)  
Report Number: IRD0999

Sampled: 04/10/08  
Received: 04/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRD0999-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8D11068	0.00010	0.00020	ND	1	04/11/08	04/11/08	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRD0999 <Page 10 of 38>**

City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Quarterly Station A Plant 1 (04/10/08)  
Report Number: IRD0999

Sampled: 04/10/08  
Received: 04/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRD0999-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8D15080	0.20	2.0	<b>0.29</b>	1	04/15/08	04/15/08	J
Arsenic	EPA 200.8	8D15080	0.70	1.0	<b>1.2</b>	1	04/15/08	04/15/08	
Beryllium	EPA 200.8	8D15080	0.20	0.50	ND	1	04/15/08	04/15/08	
Cadmium	EPA 200.8	8D15080	0.11	0.50	<b>0.11</b>	1	04/15/08	04/15/08	J
Chromium	EPA 200.8	8D15080	0.70	2.0	<b>0.90</b>	1	04/15/08	04/15/08	J
Copper	EPA 200.8	8D15080	0.75	2.0	<b>2.2</b>	1	04/15/08	04/15/08	
Lead	EPA 200.8	8D15080	0.30	1.0	ND	1	04/15/08	04/15/08	
Nickel	EPA 200.8	8D15080	0.90	2.0	<b>1.7</b>	1	04/15/08	04/15/08	J
Selenium	EPA 200.8	8D15080	0.30	2.0	<b>1.2</b>	1	04/15/08	04/15/08	B, J
Silver	EPA 200.8	8D15080	0.30	1.0	ND	1	04/15/08	04/15/08	
Thallium	EPA 200.8	8D15080	0.20	1.0	ND	1	04/15/08	04/15/08	
Zinc	EPA 200.8	8D15080	2.5	20	<b>4.1</b>	1	04/15/08	04/15/08	B, J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRD0999 <Page 11 of 38>**



## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Quarterly Station A Plant 3  
(04/10/08)

Sampled: 04/10/08  
Received: 04/10/08  
Issued: 04/28/08 10:13

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

**LABORATORY ID**

IRD0998-01

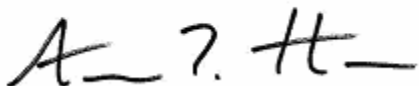
**CLIENT ID**

STNA:

**MATRIX**

Water

Reviewed By:



**TestAmerica Irvine**

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Quarterly Station A Plant 3 (04/10/08)  
Report Number: IRD0998

Sampled: 04/10/08  
Received: 04/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRD0998-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8D11068	0.00010	0.00020	ND	1	04/11/08	04/11/08	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRD0998 <Page 10 of 38>**

City of Corona DWP - WPC  
730 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Quarterly Station A Plant 3 (04/10/08)  
Report Number: IRD0998

Sampled: 04/10/08  
Received: 04/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRD0998-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8D15080	0.20	2.0	<b>0.57</b>	1	04/15/08	04/15/08	J
Arsenic	EPA 200.8	8D15080	0.70	1.0	<b>5.4</b>	1	04/15/08	04/15/08	
Beryllium	EPA 200.8	8D15080	0.20	0.50	ND	1	04/15/08	04/15/08	
Cadmium	EPA 200.8	8D15080	0.11	0.50	<b>0.14</b>	1	04/15/08	04/15/08	J
Chromium	EPA 200.8	8D15080	0.70	2.0	<b>0.83</b>	1	04/15/08	04/15/08	J
Copper	EPA 200.8	8D15080	0.75	2.0	<b>3.1</b>	1	04/15/08	04/15/08	
Lead	EPA 200.8	8D15080	0.30	1.0	<b>0.89</b>	1	04/15/08	04/15/08	J
Nickel	EPA 200.8	8D15080	0.90	2.0	<b>2.1</b>	1	04/15/08	04/15/08	
Selenium	EPA 200.8	8D15080	0.30	2.0	<b>1.3</b>	1	04/15/08	04/15/08	B, J
Silver	EPA 200.8	8D15080	0.30	1.0	ND	1	04/15/08	04/15/08	
Thallium	EPA 200.8	8D15080	0.20	1.0	ND	1	04/15/08	04/15/08	
Zinc	EPA 200.8	8D15080	2.5	20	<b>13</b>	1	04/15/08	04/15/08	B, J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRD0998 <Page 11 of 38>**



## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Station A Quarterly Plant 1  
(07/10/08)

Sampled: 07/10/08  
Received: 07/10/08  
Issued: 07/27/08 09:32

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

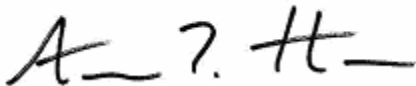
ADDITIONAL  
INFORMATION: Partial report pending 1613-Dioxin (TCDD) results.

**LABORATORY ID**  
IRG0827-01

**CLIENT ID**  
STNA:

**MATRIX**  
Water

Reviewed By:



TestAmerica Irvine

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Station A Quarterly Plant 1 (07/10/08)  
Report Number: IRG0827

Sampled: 07/10/08  
Received: 07/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRG0827-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8G11083	0.00010	0.00020	ND	1	07/11/08	07/11/08	C

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRG0827 <Page 10 of 37>**

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Station A Quarterly Plant 1 (07/10/08)  
Report Number: IRG0827

Sampled: 07/10/08  
Received: 07/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRG0827-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8G11100	0.20	2.0	ND	1	07/11/08	07/14/08	
<b>Arsenic</b>	EPA 200.8	8G11100	0.70	1.0	<b>2.0</b>	1	07/11/08	07/14/08	
Beryllium	EPA 200.8	8G11100	0.20	0.50	ND	1	07/11/08	07/14/08	
Cadmium	EPA 200.8	8G11100	0.11	0.50	ND	1	07/11/08	07/14/08	
Chromium	EPA 200.8	8G11100	0.70	2.0	ND	1	07/11/08	07/14/08	
<b>Copper</b>	EPA 200.8	8G11100	0.75	2.0	<b>1.7</b>	1	07/11/08	07/14/08	J
Lead	EPA 200.8	8G11100	0.30	1.0	ND	1	07/11/08	07/14/08	
<b>Nickel</b>	EPA 200.8	8G11100	0.90	2.0	<b>3.3</b>	1	07/11/08	07/14/08	
<b>Selenium</b>	EPA 200.8	8G11100	0.30	2.0	<b>1.2</b>	1	07/11/08	07/14/08	J
Silver	EPA 200.8	8G11100	0.30	1.0	ND	1	07/11/08	07/14/08	
Thallium	EPA 200.8	8G11100	0.20	1.0	ND	1	07/11/08	07/14/08	
<b>Zinc</b>	EPA 200.8	8G11100	2.5	20	<b>4.8</b>	1	07/11/08	07/14/08	J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRG0827 <Page 11 of 37>**



## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Station A Quarterly Plant 3  
(07/10/08)

Sampled: 07/10/08  
Received: 07/10/08  
Issued: 07/27/08 09:39

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

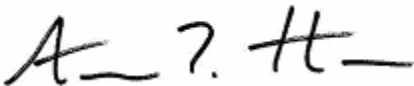
ADDITIONAL  
INFORMATION: Partial report pending 1613-Dioxin (TCDD) results.

**LABORATORY ID**  
IRG0828-01

**CLIENT ID**  
STNA:

**MATRIX**  
Water

Reviewed By:



**TestAmerica Irvine**

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Station A Quarterly Plant 3 (07/10/08)  
Report Number: IRG0828

Sampled: 07/10/08  
Received: 07/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRG0828-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8G11083	0.00010	0.00020	ND	1	07/11/08	07/11/08	C

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRG0828** <Page 10 of 37>

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Station A Quarterly Plant 3 (07/10/08)  
Report Number: IRG0828

Sampled: 07/10/08  
Received: 07/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRG0828-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8G11100	0.20	2.0	ND	1	07/11/08	07/14/08	
<b>Arsenic</b>	EPA 200.8	8G11100	0.70	1.0	<b>4.7</b>	1	07/11/08	07/14/08	
Beryllium	EPA 200.8	8G11100	0.20	0.50	ND	1	07/11/08	07/14/08	
Cadmium	EPA 200.8	8G11100	0.11	0.50	ND	1	07/11/08	07/14/08	
Chromium	EPA 200.8	8G11100	0.70	2.0	ND	1	07/11/08	07/14/08	
<b>Copper</b>	EPA 200.8	8G11100	0.75	2.0	<b>1.4</b>	1	07/11/08	07/14/08	J
Lead	EPA 200.8	8G11100	0.30	1.0	ND	1	07/11/08	07/14/08	
<b>Nickel</b>	EPA 200.8	8G11100	0.90	2.0	<b>2.6</b>	1	07/11/08	07/14/08	
<b>Selenium</b>	EPA 200.8	8G11100	0.30	2.0	<b>2.3</b>	1	07/11/08	07/14/08	
Silver	EPA 200.8	8G11100	0.30	1.0	ND	1	07/11/08	07/14/08	
Thallium	EPA 200.8	8G11100	0.20	1.0	ND	1	07/11/08	07/14/08	
<b>Zinc</b>	EPA 200.8	8G11100	2.5	20	<b>3.6</b>	1	07/11/08	07/14/08	J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRG0828** <Page 11 of 37>



## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Plant 1 Quarterly Station A  
(10/10/08)  
Sampled: 10/10/08  
Received: 10/10/08  
Issued: 11/03/08 14:17

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL  
INFORMATION: For 1613-TCDD, a 'U' qualifier signifies a Non Detect results and a 'J' qualifier signifies a postivie result between the RL and the MDL.

### LABORATORY ID

IRJ1183-01

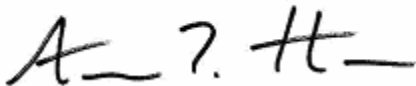
### CLIENT ID

STNA:

### MATRIX

Water

Reviewed By:



TestAmerica Irvine

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 1 Quarterly Station A (10/10/08)  
Report Number: IRJ1183

Sampled: 10/10/08  
Received: 10/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRJ1183-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8J14071	0.00010	0.00020	ND	1	10/14/08	10/14/08	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRJ1183 <Page 10 of 39>**

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 1 Quarterly Station A (10/10/08)  
Report Number: IRJ1183

Sampled: 10/10/08  
Received: 10/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRJ1183-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8J16093	0.20	2.0	ND	1	10/16/08	10/17/08	
<b>Arsenic</b>	EPA 200.8	8J16093	0.70	1.0	<b>1.2</b>	1	10/16/08	10/17/08	
Beryllium	EPA 200.8	8J16093	0.20	0.50	ND	1	10/16/08	10/17/08	
<b>Cadmium</b>	EPA 200.8	8J16093	0.11	0.50	<b>0.19</b>	1	10/16/08	10/17/08	J
Chromium	EPA 200.8	8J16093	0.70	2.0	ND	1	10/16/08	10/17/08	
<b>Copper</b>	EPA 200.8	8J16093	0.75	2.0	<b>2.7</b>	1	10/16/08	10/17/08	
<b>Lead</b>	EPA 200.8	8J16093	0.30	1.0	<b>1.5</b>	1	10/16/08	10/17/08	
<b>Nickel</b>	EPA 200.8	8J16093	0.90	2.0	<b>5.0</b>	1	10/16/08	10/17/08	
<b>Selenium</b>	EPA 200.8	8J16093	0.30	2.0	<b>0.49</b>	1	10/16/08	10/17/08	J
Silver	EPA 200.8	8J16093	0.30	1.0	ND	1	10/16/08	10/17/08	
Thallium	EPA 200.8	8J16093	0.20	1.0	ND	1	10/16/08	10/17/08	
<b>Zinc</b>	EPA 200.8	8J16093	2.5	20	<b>12</b>	1	10/16/08	10/17/08	J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRJ1183 <Page 11 of 39>**



## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Plant 3 Quarterly Station A  
(10/10/08)

Sampled: 10/10/08  
Received: 10/10/08  
Issued: 11/03/08 14:12

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

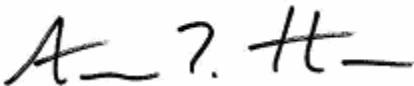
SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

**LABORATORY ID**  
IRJ1181-01

**CLIENT ID**  
STNA:

**MATRIX**  
Water

Reviewed By:



**TestAmerica Irvine**

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 3 Quarterly Station A (10/10/08)  
Report Number: IRJ1181

Sampled: 10/10/08  
Received: 10/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRJ1181-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	8J14071	0.00010	0.00020	ND	1	10/14/08	10/14/08	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRJ1181 <Page 10 of 39>**

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 3 Quarterly Station A (10/10/08)  
Report Number: IRJ1181

Sampled: 10/10/08  
Received: 10/10/08

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IRJ1181-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	8J16093	0.20	2.0	<b>0.25</b>	1	10/16/08	10/17/08	J
Arsenic	EPA 200.8	8J16093	0.70	1.0	<b>4.0</b>	1	10/16/08	10/17/08	
Beryllium	EPA 200.8	8J16093	0.20	0.50	ND	1	10/16/08	10/17/08	
Cadmium	EPA 200.8	8J16093	0.11	0.50	<b>0.11</b>	1	10/16/08	10/17/08	J
Chromium	EPA 200.8	8J16093	0.70	2.0	<b>1.7</b>	1	10/16/08	10/17/08	J
Copper	EPA 200.8	8J16093	0.75	2.0	<b>3.1</b>	1	10/16/08	10/17/08	
Lead	EPA 200.8	8J16093	0.30	1.0	<b>1.4</b>	1	10/16/08	10/17/08	
Nickel	EPA 200.8	8J16093	0.90	2.0	<b>5.3</b>	1	10/16/08	10/17/08	
Selenium	EPA 200.8	8J16093	0.30	2.0	<b>2.6</b>	1	10/16/08	10/17/08	
Silver	EPA 200.8	8J16093	0.30	1.0	ND	1	10/16/08	10/17/08	
Thallium	EPA 200.8	8J16093	0.20	1.0	ND	1	10/16/08	10/17/08	
Zinc	EPA 200.8	8J16093	2.5	20	<b>12</b>	1	10/16/08	10/17/08	J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IRJ1181 <Page 11 of 39>**

## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Plant 1 Quarterly Station A  
(01/15/09)  
Sampled: 01/15/09  
Received: 01/15/09  
Issued: 02/09/09 16:21

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## CASE NARRATIVE

**SAMPLE RECEIPT:** Samples were received intact, at 3°C, on ice and with chain of custody documentation.

**HOLDING TIMES:** All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

**PRESERVATION:** Samples requiring preservation were verified prior to sample analysis.

**QA/QC CRITERIA:** All analyses met method criteria, except as noted in the report with data qualifiers.

**COMMENTS:** Results that fall between the MDL and RL are 'J' flagged.

**SUBCONTRACTED:** Refer to the last page for specific subcontract laboratory information included in this report.

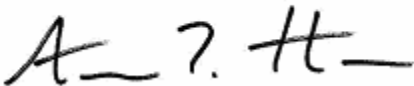
**ADDITIONAL INFORMATION:** For 1613, a 'U' qualifier signifies a Non Detect result and a 'J' qualifier signifies a positive result between the MDL and the RL.

**LABORATORY ID**  
ISA1254-01

**CLIENT ID**  
STNA:

**MATRIX**  
Water

Reviewed By:



TestAmerica Irvine

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 1 Quarterly Station A (01/15/09)  
Report Number: ISA1254

Sampled: 01/15/09  
Received: 01/15/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISA1254-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	9A16106	0.00010	0.00020	ND	1	01/16/09	01/16/09	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**ISA1254 <Page 11 of 44>**



City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 1 Quarterly Station A (01/15/09)  
Report Number: ISA1254

Sampled: 01/15/09  
Received: 01/15/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISA1254-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	9A22087	0.20	2.0	ND	1	01/22/09	01/23/09	
<b>Arsenic</b>	EPA 200.8	9A22087	0.70	1.0	<b>0.79</b>	1	01/22/09	01/23/09	J
Beryllium	EPA 200.8	9A22087	0.20	0.50	ND	1	01/22/09	01/23/09	C
Cadmium	EPA 200.8	9A22087	0.11	0.50	ND	1	01/22/09	01/23/09	
<b>Chromium</b>	EPA 200.8	9A22087	0.70	2.0	<b>1.3</b>	1	01/22/09	01/23/09	B, J
<b>Copper</b>	EPA 200.8	9A22087	0.75	2.0	<b>4.9</b>	1	01/22/09	01/23/09	
<b>Lead</b>	EPA 200.8	9A22087	0.30	1.0	<b>0.56</b>	1	01/22/09	01/23/09	J
<b>Nickel</b>	EPA 200.8	9A22087	0.90	2.0	<b>0.97</b>	1	01/22/09	01/23/09	J
<b>Selenium</b>	EPA 200.8	9A22087	0.30	2.0	<b>0.36</b>	1	01/22/09	01/23/09	J
Silver	EPA 200.8	9A22087	0.30	1.0	ND	1	01/22/09	01/23/09	
Thallium	EPA 200.8	9A22087	0.20	1.0	ND	1	01/22/09	01/23/09	
<b>Zinc</b>	EPA 200.8	9A22087	2.5	20	<b>6.7</b>	1	01/22/09	01/23/09	J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

ISA1254 <Page 12 of 44>

## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
Plant 3 Quarterly Station A  
(01/15/09)  
Sampled: 01/15/09  
Received: 01/15/09  
Issued: 02/09/09 16:36

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## CASE NARRATIVE

**SAMPLE RECEIPT:** Samples were received intact, at 3°C, on ice and with chain of custody documentation.

**HOLDING TIMES:** All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

**PRESERVATION:** Samples requiring preservation were verified prior to sample analysis.

**QA/QC CRITERIA:** All analyses met method criteria, except as noted in the report with data qualifiers.

**COMMENTS:** Results that fall between the MDL and RL are 'J' flagged.

**SUBCONTRACTED:** Refer to the last page for specific subcontract laboratory information included in this report.

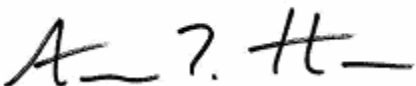
**ADDITIONAL INFORMATION:** For 1613, a 'U' qualifier signifies a Non Detect result and a 'J' qualifier signifies a positive result between the MDL and the RL.

**LABORATORY ID**  
ISA1271-01

**CLIENT ID**  
STNA:

**MATRIX**  
Water

Reviewed By:



TestAmerica Irvine

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 3 Quarterly Station A (01/15/09)  
Report Number: ISA1271

Sampled: 01/15/09  
Received: 01/15/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISA1271-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	9A16106	0.00010	0.00020	ND	1	01/16/09	01/16/09	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**ISA1271 <Page 11 of 44>**

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
Plant 3 Quarterly Station A (01/15/09)  
Report Number: ISA1271

Sampled: 01/15/09  
Received: 01/15/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISA1271-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	9A20098	0.20	2.0	1.1	1	01/20/09	01/22/09	J
Arsenic	EPA 200.8	9A20098	0.70	1.0	3.2	1	01/20/09	01/22/09	
Beryllium	EPA 200.8	9A20098	0.20	0.50	ND	1	01/20/09	01/23/09	C
Cadmium	EPA 200.8	9A20098	0.11	0.50	0.14	1	01/20/09	01/22/09	J
Chromium	EPA 200.8	9A20098	0.70	2.0	2.2	1	01/20/09	01/22/09	B
Copper	EPA 200.8	9A20098	0.75	2.0	3.7	1	01/20/09	01/22/09	
Lead	EPA 200.8	9A20098	0.30	1.0	1.1	1	01/20/09	01/22/09	
Nickel	EPA 200.8	9A20098	0.90	2.0	4.9	1	01/20/09	01/22/09	
Selenium	EPA 200.8	9A20098	0.30	2.0	0.54	1	01/20/09	01/23/09	J
Silver	EPA 200.8	9A20098	0.30	1.0	ND	1	01/20/09	01/22/09	
Thallium	EPA 200.8	9A20098	0.20	1.0	ND	1	01/20/09	01/22/09	
Zinc	EPA 200.8	9A20098	2.5	20	14	1	01/20/09	01/22/09	J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

ISA1271 <Page 12 of 44>

## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
QUARTERLY Station A  
(04/08/09) Plant 1

Sampled: 04/08/09  
Received: 04/08/09  
Issued: 04/30/09 17:18

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

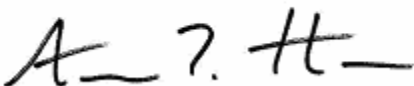
ADDITIONAL  
INFORMATION: For 1613-Dioxin, a 'U' qualifier signifies a Non Detect result.

**LABORATORY ID**  
ISD0963-01

**CLIENT ID**  
STNA:

**MATRIX**  
Water

Reviewed By:



TestAmerica Irvine

Aaron Harris  
Project Manager



City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
QUARTERLY Station A (04/08/09) Plant 1  
Report Number: ISD0963  
Sampled: 04/08/09  
Received: 04/08/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISD0963-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	9D10107	0.00010	0.00020	ND	1	04/10/09	04/10/09	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**ISD0963 <Page 10 of 39>**

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
QUARTERLY Station A (04/08/09) Plant 1  
Report Number: ISD0963

Sampled: 04/08/09  
Received: 04/08/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISD0963-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	9D15082	0.20	2.0	<b>0.45</b>	1	04/15/09	04/20/09	J
Arsenic	EPA 200.8	9D15082	0.70	1.0	<b>1.2</b>	1	04/15/09	04/20/09	
Beryllium	EPA 200.8	9D15082	0.20	0.50	ND	1	04/15/09	04/20/09	
Cadmium	EPA 200.8	9D15082	0.11	0.50	<b>0.18</b>	1	04/15/09	04/20/09	J
Chromium	EPA 200.8	9D15082	0.70	2.0	<b>1.4</b>	1	04/15/09	04/20/09	J
Copper	EPA 200.8	9D15082	0.75	2.0	<b>3.5</b>	1	04/15/09	04/20/09	
Lead	EPA 200.8	9D15082	0.30	1.0	<b>0.72</b>	1	04/15/09	04/20/09	J
Nickel	EPA 200.8	9D15082	0.90	2.0	<b>4.0</b>	1	04/15/09	04/20/09	
Selenium	EPA 200.8	9D15082	0.30	2.0	<b>0.63</b>	1	04/15/09	04/20/09	J
Silver	EPA 200.8	9D15082	0.30	1.0	ND	1	04/15/09	04/20/09	
Thallium	EPA 200.8	9D15082	0.20	1.0	ND	1	04/15/09	04/20/09	
Zinc	EPA 200.8	9D15082	2.5	20	<b>17</b>	1	04/15/09	04/20/09	B, J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**ISD0963 <Page 11 of 39>**

## LABORATORY REPORT

Prepared For: City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project: Quarterly Station A  
QUARTERLY Station A  
(04/08/09) Plant 3

Sampled: 04/08/09  
Received: 04/08/09  
Issued: 05/01/09 09:12

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

**LABORATORY ID**

ISD0964-01

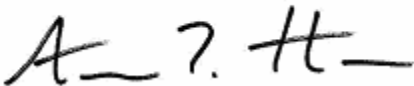
**CLIENT ID**

STNA:

**MATRIX**

Water

Reviewed By:



**TestAmerica Irvine**

Aaron Harris  
Project Manager

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
QUARTERLY Station A (04/08/09) Plant 3  
Report Number: ISD0964  
Sampled: 04/08/09  
Received: 04/08/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISD0964-01 (STNA: - Water) - cont.</b>									
Reporting Units: mg/l									
Mercury	EPA 245.1	9D10107	0.00010	0.00020	ND	1	04/10/09	04/10/09	

**TestAmerica Irvine**

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**ISD0964 <Page 10 of 39>**

City of Corona DWP - WPC  
755 Corporation Yard Way  
Corona, CA 92880  
Attention: Rudy Fandel

Project ID: Quarterly Station A  
QUARTERLY Station A (04/08/09) Plant 3  
Report Number: ISD0964

Sampled: 04/08/09  
Received: 04/08/09

## METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISD0964-01 (STNA: - Water) - cont.</b>									
Reporting Units: ug/l									
Antimony	EPA 200.8	9D15082	0.20	2.0	ND	1	04/15/09	04/20/09	
<b>Arsenic</b>	EPA 200.8	9D15082	0.70	1.0	<b>4.0</b>	1	04/15/09	04/20/09	
Beryllium	EPA 200.8	9D15082	0.20	0.50	ND	1	04/15/09	04/20/09	
<b>Cadmium</b>	EPA 200.8	9D15082	0.11	0.50	<b>0.12</b>	1	04/15/09	04/20/09	J
<b>Chromium</b>	EPA 200.8	9D15082	0.70	2.0	<b>1.2</b>	1	04/15/09	04/20/09	J
<b>Copper</b>	EPA 200.8	9D15082	0.75	2.0	<b>2.5</b>	1	04/15/09	04/20/09	
<b>Lead</b>	EPA 200.8	9D15082	0.30	1.0	<b>0.39</b>	1	04/15/09	04/20/09	J
<b>Nickel</b>	EPA 200.8	9D15082	0.90	2.0	<b>3.9</b>	1	04/15/09	04/20/09	
<b>Selenium</b>	EPA 200.8	9D15082	0.30	2.0	<b>1.7</b>	1	04/15/09	04/20/09	J
Silver	EPA 200.8	9D15082	0.30	1.0	ND	1	04/15/09	04/20/09	
Thallium	EPA 200.8	9D15082	0.20	1.0	ND	1	04/15/09	04/20/09	
<b>Zinc</b>	EPA 200.8	9D15082	2.5	20	<b>7.3</b>	1	04/15/09	04/20/09	B, J

TestAmerica Irvine

Aaron Harris  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**ISD0964 <Page 11 of 39>**



**E.S.BABCOCK**&Sons, Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 29

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

**Work Order Number: A9G1932**

Report Date: 29-Jul-2009

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A9G1932-01	STNA:	Liquid	07/16/09 09:40	Dwane Hartwill	07/16/09 15:40	Will Wintter
A9G1932-02	STNA:	Liquid	07/16/09 09:40	Dwane Hartwill	07/16/09 15:40	Will Wintter





# E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 29

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

Work Order Number: **A9G1932**

Report Date: 29-Jul-2009

Received on Ice (Y/N): Yes Temp: 4 °C

## Laboratory Reference Number

**A9G1932-01**

### Sample Description

STNA:

### Matrix

Liquid

### Sampled Date/Time

07/16/09 09:40

### Received Date/Time

07/16/09 15:40

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Cations								
Total Hardness	370	3.0	0.35	mg/L	SM 3120B	07/27/09 18:29	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	07/27/09 18:29	lmt	
Magnesium	26	1.0	0.50	mg/L	EPA 200.7	07/27/09 18:29	lmt	
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	07/17/09 18:42	sll	
Cyanide (Amenable) by Calculation	ND	0.005	0.005	mg/L	Calculation			
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	07/22/09 11:34	krv	J
Arsenic	2.0	1.0	0.08	ug/L	EPA 200.8	07/22/09 11:34	krv	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	07/22/09 11:34	krv	
Cadmium	0.05	0.25	0.01	ug/L	EPA 200.8	07/22/09 11:34	krv	J
Total Chromium	1.0	0.5	0.4	ug/L	EPA 200.8	07/22/09 11:34	krv	
Copper	3.5	0.5	0.04	ug/L	EPA 200.8	07/22/09 11:34	krv	
Lead	0.3	0.5	0.03	ug/L	EPA 200.8	07/22/09 11:34	krv	J
Mercury	0.17	0.20	0.12	ug/L	SM 3112B	07/24/09 14:22	ap	J
Nickel	2.1	1.0	0.06	ug/L	EPA 200.8	07/22/09 11:34	krv	
Selenium	0.9	1.0	0.1	ug/L	EPA 200.8	07/22/09 11:34	krv	J
Silver	ND	0.25	0.03	ug/L	EPA 200.8	07/22/09 11:34	krv	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	07/22/09 11:34	krv	
Zinc	6.3	1.0	0.3	ug/L	EPA 200.8	07/22/09 11:34	krv	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.056	0.018	ug/L	EPA 608	07/26/09 04:34	cya	
4,4'-DDE	ND	0.056	0.011	ug/L	EPA 608	07/26/09 04:34	cya	
4,4'-DDT	ND	0.011	0.011	ug/L	EPA 608	07/26/09 04:34	cya	
Endosulfan I	ND	0.022	0.012	ug/L	EPA 608	07/26/09 04:34	cya	
a-BHC	ND	0.011	0.011	ug/L	EPA 608	07/26/09 04:34	cya	
Aldrin	ND	0.0056	0.0056	ug/L	EPA 608	07/26/09 04:34	cya	
Endosulfan II	ND	0.011	0.011	ug/L	EPA 608	07/26/09 04:34	cya	
b-BHC	ND	0.0056	0.0056	ug/L	EPA 608	07/26/09 04:34	cya	
Chlordane	ND	0.11	0.050	ug/L	EPA 608	07/26/09 04:34	cya	

mailing  
P.O Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



**E.S.BABCOCK**&Sons, Inc.  
Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 29  
Project Name: Corona - Plant 3 Station A Quarterly  
Project Number: [none]

**Work Order Number: A9G1929**

Report Date: 29-Jul-2009

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A9G1929-01	STNA:	Liquid	07/16/09 11:00	Dwane Hartwill	07/16/09 15:40	Will Wintter
A9G1929-02	STNA:	Liquid	07/16/09 11:00	Dwane Hartwill	07/16/09 15:40	Will Wintter



# E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 29

Project Name: Corona - Plant 3 Station A Quarterly

Project Number: [none]

Work Order Number: **A9G1929**

Report Date: 29-Jul-2009

Received on Ice (Y/N): Yes Temp: 4 °C

## Laboratory Reference Number

**A9G1929-01**

### Sample Description

STNA:

### Matrix

Liquid

### Sampled Date/Time

07/16/09 11:00

### Received Date/Time

07/16/09 15:40

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Cations								
Total Hardness	370	3.0	0.35	mg/L	SM 3120B	07/27/09 18:26	lmt	
Calcium	100	1.0	0.50	mg/L	EPA 200.7	07/27/09 18:26	lmt	
Magnesium	26	1.0	0.50	mg/L	EPA 200.7	07/27/09 18:26	lmt	
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	07/17/09 18:41	sll	
Cyanide (Amenable) by Calculation	ND	0.005	0.005	mg/L	Calculation			
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	07/22/09 11:12	krv	J
Arsenic	6.2	1.0	0.08	ug/L	EPA 200.8	07/22/09 11:12	krv	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	07/22/09 11:12	krv	
Cadmium	0.05	0.25	0.01	ug/L	EPA 200.8	07/22/09 11:12	krv	J
Total Chromium	0.9	0.5	0.4	ug/L	EPA 200.8	07/22/09 11:12	krv	
Copper	2.9	0.5	0.04	ug/L	EPA 200.8	07/22/09 11:12	krv	
Lead	0.06	0.5	0.03	ug/L	EPA 200.8	07/22/09 11:12	krv	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	07/24/09 14:22	ap	
Nickel	1.7	1.0	0.06	ug/L	EPA 200.8	07/22/09 11:12	krv	
Selenium	2.5	1.0	0.1	ug/L	EPA 200.8	07/22/09 11:12	krv	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	07/22/09 11:12	krv	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	07/22/09 11:12	krv	
Zinc	6.7	1.0	0.3	ug/L	EPA 200.8	07/22/09 11:12	krv	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.056	0.018	ug/L	EPA 608	07/25/09 18:13	cya	
4,4'-DDE	ND	0.056	0.011	ug/L	EPA 608	07/25/09 18:13	cya	
4,4'-DDT	ND	0.011	0.011	ug/L	EPA 608	07/25/09 18:13	cya	
Endosulfan I	ND	0.022	0.012	ug/L	EPA 608	07/25/09 18:13	cya	
a-BHC	ND	0.011	0.011	ug/L	EPA 608	07/25/09 18:13	cya	
Aldrin	ND	0.0056	0.0056	ug/L	EPA 608	07/25/09 18:13	cya	
Endosulfan II	ND	0.011	0.011	ug/L	EPA 608	07/25/09 18:13	cya	
b-BHC	ND	0.0056	0.0056	ug/L	EPA 608	07/25/09 18:13	cya	
Chlordane	ND	0.11	0.050	ug/L	EPA 608	07/25/09 18:13	cya	

mailing  
P.O Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 26

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

**Work Order Number: A9J0923**

Report Date: 20-Oct-2009

Received on Ice (Y/N): Yes Temp: 3 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A9J0923-01	STNA:	Liquid	10/07/09 08:20	Lionel Ornelas	10/07/09 16:00	William Bayle

*mailing*  
P.O Box 432  
Riverside, CA 92502-0432

*location*  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
[www.babcocklabs.com](http://www.babcocklabs.com)

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102





**E.S.BABCOCK & Sons, Inc.**

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 26

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

**Work Order Number: A9J0923**

Report Date: 20-Oct-2009

Received on Ice (Y/N): Yes

Temp: 3 °C

Laboratory Reference Number

**A9J0923-01**

Sample Description

STNA:

Matrix

Liquid

Sampled Date/Time

10/07/09 08:20

Received Date/Time

10/07/09 16:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Cations								
Total Hardness	440	3.0	0.35	mg/L	SM 3120B	10/15/09 12:20	lmt	
Calcium	120	1.0	0.50	mg/L	EPA 200.7	10/15/09 12:20	lmt	
Magnesium	31	1.0	0.50	mg/L	EPA 200.7	10/15/09 12:20	lmt	
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	10/13/09 16:38	slf	
Cyanide (Amenable) by Calculation	ND	0.005	0.005	mg/L	Calculation			
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	10/13/09 18:20	krv	J
Arsenic	2.4	1.0	0.08	ug/L	EPA 200.8	10/13/09 18:20	krv	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	10/14/09 12:02	krv	
Cadmium	0.08	0.25	0.01	ug/L	EPA 200.8	10/13/09 18:20	krv	J
Total Chromium	0.5	0.5	0.4	ug/L	EPA 200.8	10/13/09 18:20	krv	
Copper	3.1	0.5	0.04	ug/L	EPA 200.8	10/13/09 18:20	krv	
Lead	0.1	0.5	0.03	ug/L	EPA 200.8	10/13/09 18:20	krv	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	10/12/09 14:48	ap	
Nickel	2.7	1.0	0.06	ug/L	EPA 200.8	10/13/09 18:20	krv	
Selenium	1.1	1.0	0.1	ug/L	EPA 200.8	10/13/09 18:20	krv	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	10/13/09 18:20	krv	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	10/13/09 18:20	krv	
Zinc	6.8	1.0	0.3	ug/L	EPA 200.8	10/13/09 18:20	krv	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.050	0.016	ug/L	EPA 608	10/15/09 16:11	cya	
4,4'-DDE	ND	0.050	0.010	ug/L	EPA 608	10/15/09 16:11	cya	
4,4'-DDT	ND	0.010	0.010	ug/L	EPA 608	10/15/09 16:11	cya	
Endosulfan I	ND	0.020	0.011	ug/L	EPA 608	10/15/09 16:11	cya	
a-BHC	ND	0.010	0.010	ug/L	EPA 608	10/15/09 16:11	cya	
Aldrin	ND	0.0050	0.0050	ug/L	EPA 608	10/15/09 16:11	cya	
Endosulfan II	ND	0.010	0.010	ug/L	EPA 608	10/15/09 16:11	cya	
b-BHC	ND	0.0050	0.0050	ug/L	EPA 608	10/15/09 16:11	cya	
Chlordane	ND	0.10	0.045	ug/L	EPA 608	10/15/09 16:11	cya	

mailing  
P.O. Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no. 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



**E.S.BABCOCK**&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 1 of 26

Project Name: Corona - Plant 3 Station A Quarterly

Project Number: [none]

**Work Order Number: A9J0905**

Report Date: 20-Oct-2009

Received on Ice (Y/N): Yes Temp: 3 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A9J0905-01	STNA:	Liquid	10/07/09 08:30	Dwane M. Hartwill	10/07/09 16:00	William Bayle

*mailing*

P.O Box 432  
Riverside, CA 92502-0432

*location*

6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
[www.babcocklabs.com](http://www.babcocklabs.com)

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102





# E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 26

Project Name: Corona - Plant 3 Station A Quarterly

Project Number: [none]

Work Order Number: A9J0905

Report Date: 20-Oct-2009

Received on Ice (Y/N): Yes Temp: 3 °C

## Laboratory Reference Number

**A9J0905-01**

### Sample Description

STNA:

### Matrix

Liquid

### Sampled Date/Time

10/07/09 08:30

### Received Date/Time

10/07/09 16:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Cations								
Total Hardness	400	3.0	0.35	mg/L	SM 3120B	10/15/09 12:12	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	10/15/09 12:12	lmt	
Magnesium	29	1.0	0.50	mg/L	EPA 200.7	10/15/09 12:12	lmt	
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	10/13/09 16:37	slf	
Cyanide (Amenable) by Calculation	ND	0.005	0.005	mg/L	Calculation			
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	10/13/09 18:17	krv	J
Arsenic	4.1	1.0	0.08	ug/L	EPA 200.8	10/13/09 18:17	krv	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	10/14/09 12:01	krv	
Cadmium	0.04	0.25	0.01	ug/L	EPA 200.8	10/13/09 18:17	krv	J
Total Chromium	ND	0.5	0.4	ug/L	EPA 200.8	10/13/09 18:17	krv	
Copper	3.0	0.5	0.04	ug/L	EPA 200.8	10/13/09 18:17	krv	
Lead	0.1	0.5	0.03	ug/L	EPA 200.8	10/13/09 18:17	krv	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	10/12/09 14:48	ap	
Nickel	1.9	1.0	0.06	ug/L	EPA 200.8	10/13/09 18:17	krv	
Selenium	2.6	1.0	0.1	ug/L	EPA 200.8	10/13/09 18:17	krv	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	10/13/09 18:17	krv	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	10/13/09 18:17	krv	
Zinc	5.3	1.0	0.3	ug/L	EPA 200.8	10/13/09 18:17	krv	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.056	0.018	ug/L	EPA 608	10/15/09 15:20	cya	
4,4'-DDE	ND	0.056	0.011	ug/L	EPA 608	10/15/09 15:20	cya	
4,4'-DDT	ND	0.011	0.011	ug/L	EPA 608	10/15/09 15:20	cya	
Endosulfan I	ND	0.022	0.012	ug/L	EPA 608	10/15/09 15:20	cya	
a-BHC	ND	0.011	0.011	ug/L	EPA 608	10/15/09 15:20	cya	
Aldrin	ND	0.0056	0.0056	ug/L	EPA 608	10/15/09 15:20	cya	
Endosulfan II	ND	0.011	0.011	ug/L	EPA 608	10/15/09 15:20	cya	
b-BHC	ND	0.0056	0.0056	ug/L	EPA 608	10/15/09 15:20	cya	
Chlordane	ND	0.11	0.050	ug/L	EPA 608	10/15/09 15:20	cya	

mailing  
P.O. Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no. 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 1 of 30

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

**Work Order Number: A0A0741**

Report Date: 19-Jan-2010

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0A0741-01	STNA:	Liquid	01/07/10 08:45	Lionel Ornelas	01/07/10 14:55	W. Wintter

*mailing*  
P.O Box 432  
Riverside, CA 92502-0432

*location*  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102





**E.S.BABCOCK & Sons, Inc.**

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 2 of 30

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

**Work Order Number: A0A0741**

Report Date: 19-Jan-2010

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

**A0A0741-01**

Sample Description

STNA:

Matrix

Liquid

Sampled Date/Time

01/07/10 08:45

Received Date/Time

01/07/10 14:55

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Cations								
Total Hardness	420	3.0	0.35	mg/L	SM 3120B	01/15/10 16:21	lmt	
Calcium	120	1.0	0.50	mg/L	EPA 200.7	01/15/10 16:21	lmt	
Magnesium	29	1.0	0.50	mg/L	EPA 200.7	01/15/10 16:21	lmt	
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	01/08/10 16:17	sll	
Cyanide (Amenable) by Calculation	ND	0.005	0.005	mg/L	Calculation			
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	01/12/10 20:30	ap	J
Arsenic	2.5	1.0	0.08	ug/L	EPA 200.8	01/12/10 20:30	ap	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	01/12/10 20:30	ap	
Cadmium	0.13	0.25	0.01	ug/L	EPA 200.8	01/12/10 20:30	ap	J
Total Chromium	1.7	0.5	0.4	ug/L	EPA 200.8	01/12/10 20:30	ap	
Copper	6.2	0.5	0.04	ug/L	EPA 200.8	01/14/10 17:15	krv	
Lead	0.7	0.5	0.03	ug/L	EPA 200.8	01/12/10 20:30	ap	
Mercury	ND	0.20	0.12	ug/L	SM 3112B	01/12/10 14:30	ap	
Nickel	4.8	1.0	0.06	ug/L	EPA 200.8	01/12/10 20:30	ap	
Selenium	1.3	1.0	0.1	ug/L	EPA 200.8	01/12/10 20:30	ap	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	01/12/10 20:30	ap	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	01/12/10 20:30	ap	
Zinc	15	1.0	0.3	ug/L	EPA 200.8	01/12/10 20:30	ap	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.050	0.016	ug/L	EPA 608	01/13/10 15:21	cya	NRPDa
4,4'-DDE	ND	0.050	0.010	ug/L	EPA 608	01/13/10 15:21	cya	NRPDa
4,4'-DDT	ND	0.010	0.010	ug/L	EPA 608	01/13/10 15:21	cya	NRPDa
Endosulfan I	ND	0.020	0.011	ug/L	EPA 608	01/13/10 15:21	cya	NRPDa
a-BHC	ND	0.010	0.010	ug/L	EPA 608	01/13/10 15:21	cya	NRPDa
Aldrin	ND	0.0050	0.0050	ug/L	EPA 608	01/13/10 15:21	cya	NMoRo
Endosulfan II	ND	0.010	0.010	ug/L	EPA 608	01/13/10 15:21	cya	
b-BHC	ND	0.0050	0.0050	ug/L	EPA 608	01/13/10 15:21	cya	
Chlordane	ND	0.10	0.045	ug/L	EPA 608	01/13/10 15:21	cya	

mailing  
P.O. Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no. 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way  
Corona, CA 92880

Report Date: 19-Jan-2010

Analytical Report: Page 1 of 29

Project Name: Corona - Plant 3 Station A Quarterly

Project Number: [none]

**Work Order Number: A0A0739**

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0A0739-01	STNA:	Liquid	01/07/10 08:30	Dwane M. Hartwill	01/07/10 14:55	W. Wintter

*mailing*  
P.O Box 432  
Riverside, CA 92502-0432

*location*  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102





**E.S.BABCOCK & Sons, Inc.**

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 2 of 29  
Project Name: Corona - Plant 3 Station A Quarterly  
Project Number: [none]

**Work Order Number: A0A0739**

Report Date: 19-Jan-2010

Received on Ice (Y/N): Yes Temp: 4 °C

Laboratory Reference Number

**A0A0739-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
STNA:	Liquid	01/07/10 08:30	01/07/10 14:55

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	400	3.0	0.35	mg/L	SM 3120B	01/15/10 16:18	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	01/15/10 16:18	lmt	
Magnesium	28	1.0	0.50	mg/L	EPA 200.7	01/15/10 16:18	lmt	
<b>General Inorganics</b>								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	01/08/10 16:16	sll	
Cyanide (Amenable) by Calculation	ND	0.005	0.005	mg/L	Calculation			
<b>Metals and Metalloids</b>								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	01/12/10 20:25	ap	J
Arsenic	3.1	1.0	0.08	ug/L	EPA 200.8	01/12/10 20:25	ap	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	01/12/10 20:25	ap	
Cadmium	0.06	0.25	0.01	ug/L	EPA 200.8	01/12/10 20:25	ap	J
Total Chromium	1.5	0.5	0.4	ug/L	EPA 200.8	01/12/10 20:25	ap	
Copper	3.6	0.5	0.04	ug/L	EPA 200.8	01/14/10 17:12	krv	
Lead	0.4	0.5	0.03	ug/L	EPA 200.8	01/12/10 20:25	ap	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	01/12/10 14:30	ap	
Nickel	3.3	1.0	0.06	ug/L	EPA 200.8	01/12/10 20:25	ap	
Selenium	3.2	1.0	0.1	ug/L	EPA 200.8	01/12/10 20:25	ap	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	01/12/10 20:25	ap	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	01/12/10 20:25	ap	
Zinc	6.3	1.0	0.3	ug/L	EPA 200.8	01/12/10 20:25	ap	
<b>Organochlorine Pesticides and PCBs by EPA 608</b>								
4,4'-DDD	ND	0.050	0.016	ug/L	EPA 608	01/13/10 14:29	cya	
4,4'-DDE	ND	0.050	0.010	ug/L	EPA 608	01/13/10 14:29	cya	
4,4'-DDT	ND	0.010	0.010	ug/L	EPA 608	01/13/10 14:29	cya	
Endosulfan I	ND	0.020	0.011	ug/L	EPA 608	01/13/10 14:29	cya	
a-BHC	ND	0.010	0.010	ug/L	EPA 608	01/13/10 14:29	cya	
Aldrin	ND	0.0050	0.0050	ug/L	EPA 608	01/13/10 14:29	cya	
Endosulfan II	ND	0.010	0.010	ug/L	EPA 608	01/13/10 14:29	cya	
b-BHC	ND	0.0050	0.0050	ug/L	EPA 608	01/13/10 14:29	cya	
Chlordane	ND	0.10	0.045	ug/L	EPA 608	01/13/10 14:29	cya	

*mailing*  
P.O Box 432  
Riverside, CA 92502-0432

*location*  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



**E.S.BABCOCK**&Sons, Inc.  
Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 27  
Project Name: Corona - Plant 1 Station A Quarterly  
Project Number: [none]

**Work Order Number: A0D0717**

Report Date: 27-Apr-2010

Received on Ice (Y/N): Yes Temp: 5 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0D0717-01	STNA1:	Liquid	04/07/10 08:40	Mike Chow	04/07/10 15:35	Will Wintter

**Included in this Data Package please find an amended report for the laboratory number(s) referenced below.**

**Laboratory Number: A0D0717-01**

**Reason for Amendment:**

**As per client request, the Sample ID has been modified.**

**This report supersedes the report issued on 19-Apr-2010.**



**E.S.BABCOCK & Sons, Inc.**  
Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 2 of 27  
Project Name: Corona - Plant 1 Station A Quarterly  
Project Number: [none]

**Work Order Number: A0D0717**

Report Date: 27-Apr-2010

Received on Ice (Y/N): Yes Temp: 5 °C

Laboratory Reference Number  
**A0D0717-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
STNA1:	Liquid	04/07/10 08:40	04/07/10 15:35

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	04/08/10 16:38	sll	
Cyanide (Amenable) by Difference	ND	0.005	0.005	mg/L	SM 4500-CN-G	04/08/10 16:38	sll	
Metals and Metalloids								
Antimony	0.3	0.5	0.04	ug/L	EPA 200.8	04/12/10 19:56	ap	J
Arsenic	1.7	1.0	0.08	ug/L	EPA 200.8	04/12/10 19:56	ap	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	04/12/10 19:56	ap	
Cadmium	0.08	0.25	0.01	ug/L	EPA 200.8	04/12/10 19:56	ap	J
Total Chromium	1.7	0.5	0.4	ug/L	EPA 200.8	04/12/10 19:56	ap	
Hexavalent Chromium	ND	1.0	0.11	ug/L	EPA 218.6	04/12/10 19:30	aa	N_pLab
Trivalent Chromium	1.7	1.0	1.0	ug/L	Calculation			
Copper	5.1	0.5	0.04	ug/L	EPA 200.8	04/12/10 19:56	ap	
Lead	0.1	0.5	0.03	ug/L	EPA 200.8	04/12/10 19:56	ap	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	04/14/10 16:07	ap	
Nickel	4.6	1.0	0.06	ug/L	EPA 200.8	04/12/10 19:56	ap	
Selenium	2.1	1.0	0.1	ug/L	EPA 200.8	04/12/10 19:56	ap	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	04/12/10 19:56	ap	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	04/12/10 19:56	ap	
Zinc	11	1.0	0.3	ug/L	EPA 200.8	04/12/10 19:56	ap	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.050	0.016	ug/L	EPA 608	04/11/10 03:18	cya	
4,4'-DDE	ND	0.050	0.010	ug/L	EPA 608	04/11/10 03:18	cya	
4,4'-DDT	ND	0.010	0.010	ug/L	EPA 608	04/11/10 03:18	cya	
Endosulfan I	ND	0.020	0.011	ug/L	EPA 608	04/11/10 03:18	cya	
a-BHC	ND	0.010	0.010	ug/L	EPA 608	04/11/10 03:18	cya	
Aldrin	ND	0.0050	0.0050	ug/L	EPA 608	04/11/10 03:18	cya	
Endosulfan II	ND	0.010	0.010	ug/L	EPA 608	04/11/10 03:18	cya	
b-BHC	ND	0.0050	0.0050	ug/L	EPA 608	04/11/10 03:18	cya	
Chlordane	ND	0.10	0.045	ug/L	EPA 608	04/11/10 03:18	cya	
d-BHC	ND	0.0050	0.0050	ug/L	EPA 608	04/11/10 03:18	cya	
Dieldrin	ND	0.010	0.010	ug/L	EPA 608	04/11/10 03:18	cya	
Endosulfan Sulfate	ND	0.050	0.044	ug/L	EPA 608	04/11/10 03:18	cya	





**E.S.BABCOCK**&Sons, Inc.  
Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 25  
Project Name: Corona - Plant 3 Station A Quarterly  
Project Number: [none]

**Work Order Number: A0D0876**

Report Date: 27-Apr-2010

Received on Ice (Y/N): Yes Temp: 6 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0D0876-01	STNA3:	Liquid	04/08/10 10:30	Dwane M. Hartwill	04/08/10 15:00	Will Wintter

**Included in this Data Package please find an amended report for the laboratory number(s) referenced below.**

**Laboratory Number: A0D0876-01**

**Reason for Amendment:**

**As per client request, the Sample ID has been modified.**

**This report supersedes the report issued on 21-April-2010.**



# E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 25

Project Name: Corona - Plant 3 Station A Quarterly

Project Number: [none]

Work Order Number: A0D0876

Report Date: 27-Apr-2010

Received on Ice (Y/N): Yes

Temp: 6 °C

## Laboratory Reference Number

**A0D0876-01**

### Sample Description

STNA3:

### Matrix

Liquid

### Sampled Date/Time

04/08/10 10:30

### Received Date/Time

04/08/10 15:00

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	04/13/10 15:22	sll	
Cyanide (Amenable) by Difference	ND	0.005	0.005	mg/L	SM 4500-CN-G	04/13/10 15:22	sll	
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	04/19/10 18:21	krv	J
Arsenic	5.0	1.0	0.08	ug/L	EPA 200.8	04/19/10 18:21	krv	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	04/19/10 18:21	krv	
Cadmium	0.08	0.25	0.01	ug/L	EPA 200.8	04/19/10 18:21	krv	J
Total Chromium	0.6	0.5	0.4	ug/L	EPA 200.8	04/19/10 18:21	krv	
Hexavalent Chromium	ND	1.0	0.11	ug/L	EPA 218.6	04/12/10 20:01	aa	N_pLab
Trivalent Chromium	ND	1.0	1.0	ug/L	Calculation			
Copper	4.7	0.5	0.04	ug/L	EPA 200.8	04/19/10 18:21	krv	
Lead	0.2	0.5	0.03	ug/L	EPA 200.8	04/19/10 18:21	krv	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	04/14/10 16:07	ap	
Nickel	3.1	1.0	0.06	ug/L	EPA 200.8	04/19/10 18:21	krv	
Selenium	3.0	1.0	0.1	ug/L	EPA 200.8	04/19/10 18:21	krv	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	04/19/10 18:21	krv	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	04/19/10 18:21	krv	
Zinc	6.1	1.0	0.3	ug/L	EPA 200.8	04/19/10 18:21	krv	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.056	0.018	ug/L	EPA 608	04/15/10 22:51	cya	
4,4'-DDE	ND	0.056	0.011	ug/L	EPA 608	04/15/10 22:51	cya	
4,4'-DDT	ND	0.011	0.011	ug/L	EPA 608	04/15/10 22:51	cya	
Endosulfan I	ND	0.022	0.012	ug/L	EPA 608	04/15/10 22:51	cya	
a-BHC	ND	0.011	0.011	ug/L	EPA 608	04/15/10 22:51	cya	
Aldrin	ND	0.0056	0.0056	ug/L	EPA 608	04/15/10 22:51	cya	
Endosulfan II	ND	0.011	0.011	ug/L	EPA 608	04/15/10 22:51	cya	
b-BHC	ND	0.0056	0.0056	ug/L	EPA 608	04/15/10 22:51	cya	
Chlordane	ND	0.11	0.050	ug/L	EPA 608	04/15/10 22:51	cya	
d-BHC	ND	0.0056	0.0056	ug/L	EPA 608	04/15/10 22:51	cya	
Dieldrin	ND	0.011	0.011	ug/L	EPA 608	04/15/10 22:51	cya	
Endosulfan Sulfate	ND	0.056	0.049	ug/L	EPA 608	04/15/10 22:51	cya	

mailing  
P.O Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



**E.S.BABCOCK**&Sons, Inc.  
Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 28  
Project Name: Corona - Plant 1 Station A Quarterly  
Project Number: [none]

**Work Order Number: A0G0902**

Report Date: 20-Jul-2010

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0G0902-01	STNA1:	Liquid	07/08/10 08:00	Lionel Ornelas	07/08/10 15:35	William Bayle



# E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 28

Project Name: Corona - Plant 1 Station A Quarterly

Project Number: [none]

**Work Order Number: A0G0902**

Report Date: 20-Jul-2010

Received on Ice (Y/N): Yes

Temp: 4 °C

## Laboratory Reference Number

**A0G0902-01**

### Sample Description

STNA1:

### Matrix

Liquid

### Sampled Date/Time

07/08/10 08:00

### Received Date/Time

07/08/10 15:35

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	07/09/10 15:53	sll	
Cyanide (Amenable) by Difference	ND	0.005	0.005	mg/L	SM 4500-CN-G	07/09/10 15:53	sll	
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	07/13/10 18:57	ap	J
Arsenic	1.8	1.0	0.08	ug/L	EPA 200.8	07/13/10 18:57	ap	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	07/13/10 18:57	ap	
Cadmium	0.08	0.25	0.01	ug/L	EPA 200.8	07/13/10 18:57	ap	J
Total Chromium	1.2	0.5	0.4	ug/L	EPA 200.8	07/13/10 18:57	ap	
Hexavalent Chromium	ND	1.0	0.11	ug/L	EPA 218.6	07/13/10 18:00	AA	
Trivalent Chromium	1.2	1.0	1.0	ug/L	Calculation			
Copper	4.2	0.5	0.04	ug/L	EPA 200.8	07/13/10 18:57	ap	
Lead	0.09	0.5	0.03	ug/L	EPA 200.8	07/13/10 18:57	ap	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	07/15/10 16:41	ap	
Nickel	4.2	1.0	0.06	ug/L	EPA 200.8	07/13/10 18:57	ap	
Selenium	2.1	1.0	0.1	ug/L	EPA 200.8	07/13/10 18:57	ap	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	07/13/10 18:57	ap	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	07/13/10 18:57	ap	
Zinc	9.1	1.0	0.3	ug/L	EPA 200.8	07/13/10 18:57	ap	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.050	0.016	ug/L	EPA 608	07/14/10 03:15	cya	
4,4'-DDE	ND	0.050	0.010	ug/L	EPA 608	07/14/10 03:15	cya	
4,4'-DDT	ND	0.010	0.010	ug/L	EPA 608	07/14/10 03:15	cya	
Endosulfan I	ND	0.020	0.011	ug/L	EPA 608	07/14/10 03:15	cya	
a-BHC	ND	0.010	0.010	ug/L	EPA 608	07/14/10 03:15	cya	
Aldrin	ND	0.0050	0.0050	ug/L	EPA 608	07/14/10 03:15	cya	
Endosulfan II	ND	0.010	0.010	ug/L	EPA 608	07/14/10 03:15	cya	
b-BHC	ND	0.0050	0.0050	ug/L	EPA 608	07/14/10 03:15	cya	
Chlordane	ND	0.10	0.045	ug/L	EPA 608	07/14/10 03:15	cya	
d-BHC	ND	0.0050	0.0050	ug/L	EPA 608	07/14/10 03:15	cya	
Dieldrin	ND	0.010	0.010	ug/L	EPA 608	07/14/10 03:15	cya	
Endosulfan Sulfate	ND	0.050	0.044	ug/L	EPA 608	07/14/10 03:15	cya	

mailing  
P.O Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102



**E.S.BABCOCK**&Sons, Inc.  
Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation  
Contact: Frank Garza  
Address: 755 Corporation Yard Way  
Corona, CA 92880

Analytical Report: Page 1 of 28  
Project Name: Corona - Plant 3 Station A Quarterly  
Project Number: [none]

**Work Order Number: A0G0903**

Report Date: 21-Jul-2010

Received on Ice (Y/N): Yes Temp: 4 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0G0903-01	STNA3:	Liquid	07/08/10 10:00	Dwane M. Hartwill	07/08/10 15:35	William Bayle



# E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: City of Corona DWP - Water Reclamation

Contact: Frank Garza

Address: 755 Corporation Yard Way

Corona, CA 92880

Analytical Report: Page 2 of 28

Project Name: Corona - Plant 3 Station A Quarterly

Project Number: [none]

Work Order Number: **A0G0903**

Report Date: 21-Jul-2010

Received on Ice (Y/N): Yes

Temp: 4 °C

## Laboratory Reference Number

**A0G0903-01**

### Sample Description

STNA3:

### Matrix

Liquid

### Sampled Date/Time

07/08/10 10:00

### Received Date/Time

07/08/10 15:35

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
General Inorganics								
Cyanide	ND	0.005	0.005	mg/L	SM 4500CN E	07/09/10 15:55	sll	
Cyanide (Amenable) by Difference	ND	0.005	0.005	mg/L	SM 4500-CN-G	07/09/10 15:55	sll	
Metals and Metalloids								
Antimony	0.2	0.5	0.04	ug/L	EPA 200.8	07/13/10 19:00	ap	J
Arsenic	6.2	1.0	0.08	ug/L	EPA 200.8	07/13/10 19:00	ap	
Beryllium	ND	0.5	0.1	ug/L	EPA 200.8	07/13/10 19:00	ap	
Cadmium	0.04	0.25	0.01	ug/L	EPA 200.8	07/13/10 19:00	ap	J
Total Chromium	0.7	0.5	0.4	ug/L	EPA 200.8	07/13/10 19:00	ap	
Hexavalent Chromium	ND	1.0	0.11	ug/L	EPA 218.6	07/13/10 18:15	AA	
Trivalent Chromium	0.70	0.50	0.40	ug/L	Calculation			
Copper	2.9	0.5	0.04	ug/L	EPA 200.8	07/13/10 19:00	krv	
Lead	0.08	0.5	0.03	ug/L	EPA 200.8	07/13/10 19:00	ap	J
Mercury	ND	0.20	0.12	ug/L	SM 3112B	07/15/10 16:41	ap	
Nickel	3.5	1.0	0.06	ug/L	EPA 200.8	07/13/10 19:00	ap	
Selenium	3.0	1.0	0.1	ug/L	EPA 200.8	07/13/10 19:00	krv	
Silver	ND	0.25	0.03	ug/L	EPA 200.8	07/20/10 13:15	krv	
Thallium	ND	1.0	0.02	ug/L	EPA 200.8	07/13/10 19:00	ap	
Zinc	12	1.0	0.3	ug/L	EPA 200.8	07/13/10 19:00	ap	
Organochlorine Pesticides and PCBs by EPA 608								
4,4'-DDD	ND	0.056	0.018	ug/L	EPA 608	07/14/10 05:51	cya	
4,4'-DDE	ND	0.056	0.011	ug/L	EPA 608	07/14/10 05:51	cya	
4,4'-DDT	ND	0.011	0.011	ug/L	EPA 608	07/14/10 05:51	cya	
Endosulfan I	ND	0.022	0.012	ug/L	EPA 608	07/14/10 05:51	cya	
a-BHC	ND	0.011	0.011	ug/L	EPA 608	07/14/10 05:51	cya	
Aldrin	ND	0.0056	0.0056	ug/L	EPA 608	07/14/10 05:51	cya	
Endosulfan II	ND	0.011	0.011	ug/L	EPA 608	07/14/10 05:51	cya	
b-BHC	ND	0.0056	0.0056	ug/L	EPA 608	07/14/10 05:51	cya	
Chlordane	ND	0.11	0.050	ug/L	EPA 608	07/14/10 05:51	cya	
d-BHC	ND	0.0056	0.0056	ug/L	EPA 608	07/14/10 05:51	cya	
Dieldrin	ND	0.011	0.011	ug/L	EPA 608	07/14/10 05:51	cya	
Endosulfan Sulfate	ND	0.056	0.049	ug/L	EPA 608	07/14/10 05:51	cya	

mailing  
P.O Box 432  
Riverside, CA 92502-0432

location  
6100 Quail Valley Court  
Riverside, CA 92507-0704

P 951 653 3351  
F 951 653 1662  
www.babcocklabs.com

NELAP no, 02101CA  
CA ELAP no. 1156  
EPA no. CA00102