



Public Works  
Department

CRWQCB - REGION 8  
HAS  
PI

SEP 03 2010




September 3, 2010

Ms. Hope Smythe  
Senior Environmental Scientist  
California Regional Water Quality Control Board  
Santa Ana Region  
3737 Main Street, Suite 500  
Riverside, CA 92501-3348

RECEIVED

SEP 13 2010

DIVISION OF WATER QUALITY

**SUBJECT: Supplemental Information of the City of Riverside Water Quality Control Plant's  
~~Dissolved Cadmium, Copper, and Lead Santa Ana River Sampling Events~~**

Enclosed is Supplemental Information for the Santa Ana River special sampling events conducted by the City of Riverside Water Quality Control Plant on August 27<sup>th</sup> through August 30<sup>th</sup> of 2010.

If there are any questions concerning this special study, please contact me at (951)351-6080 or at email [efiladelfia@riversideca.gov](mailto:efiladelfia@riversideca.gov).

Sincerely,

Edward Filadelfia  
Regulatory Affairs and Compliance Manager

Enclosures

cc: Gary Stewart, Regional Water Quality Control Board  
File

**City of Riverside Water Quality Control Plant's Dissolved Cadmium, Copper, and Lead  
Santa Ana River Sampling Events.**

**Supplemental Information**

The City of Riverside's Water Quality Control Plant (RWQCP) conducted a Santa Ana River special study from August 27<sup>th</sup> through August 30<sup>th</sup> of 2010. Two samples were collected each day; upstream and downstream of the RWQCP outfall. Upstream sample was collected just below the Metropolitan Water District pipeline and the downstream was collected near Structure 1. Please see attached map provided in the report.

Sampling:

RWQCP's Operations Staff collected the samples using 1 gallon size clean plastic container. The samples were brought to the laboratory and laboratory personnel received the sample. A one-page chain of custody is included in the report.

Sampling Handling and Preservation:

Samples for dissolved metals were filtered immediately through acid-washed 0.45 µm membrane filter paper. Please see attached email correspondence regarding training lab analyst on this procedure (Attachment 1).

Samples for dissolved organic carbon were filtered immediately through 0.45 µm membrane filtered paper which was previously rinsed three times with 50 mL of reverse-osmosis water followed by three rinses with 50 mL portions of the sample. Please see attached email regarding this as well (Attachment 1).

Samples were then preserved as follows:

Parameter	Container	Preservation
Total and dissolved Cd, Cu, and Pb	Plastic	HNO3 to pH <2, Cool
Ca, Mg, K, Na	Plastic	HNO3 to pH <2, Cool
Total and Dissolved Organic Carbon	Glass	HCl to pH <2, Cool
Sulfate	Plastic	Cool
Chloride	Plastic	Cool
Alkalinity	Plastic	Cool
Hardness	Plastic	HNO3 to pH <2, Cool

Analyses:

The pH and temperature of the upstream and downstream samples were analyzed with a portable pH meter by Operations staff. The pH and temperature readings were recorded in the Chain of Custody sheet. Please see Attachment 2.

The following parameters were analyzed by the RWQCP laboratory which is located at the treatment plant facility:

- Total and dissolved organic carbon
- Sulfate
- Chloride
- Alkalinity

Metals Analyses:

Samples for total and dissolved metals (cadmium, copper, and lead), calcium, magnesium, sodium, and potassium were digested by the RWQCP's laboratory and were analyzed by E. S. Babcock and Sons, Inc., a contract laboratory.

Additional Information:

Analyses for total and dissolved metals (cadmium, copper, and lead), calcium, magnesium, sodium, and potassium were initially planned to be performed by RWQCP's laboratory. Due to unforeseen instrument breakdown and urgency of the results, the digested samples were sent to E.S. Babcock and Sons, Inc. for analyses on a rush basis.

Below is a cross reference of samples submitted to E.S. Babcock and Sons, Inc. as recorded in City of Riverside's and E.S. Babcock and Sons, Inc.'s Chain of Custody (COC) (Attachment 3).

<b>E.S. Babcock and Sons, Inc COC</b>	<b>City of Riverside COC</b>
UP RIVER 8/27/10 MATRIX	Upstream River 8/27/10
d-UP RIVER 8/27	Dissolved Upstream River 8/27/10
DOWN RIVER 8/27	Downstream River 8/27/10
d-DOWN RIVER 8/27	Dissolved Downstream River 8/27/10
UP RIVER 8/28	Upstream River 8/28/10
d-UP RIVER 8/28	Dissolved Upstream River 8/28/10
DOWN RIVER 8/28	Downstream River 8/28/10
d-DOWN RIVER 8/28	Dissolved Downstream River 8/28/10
UP RIVER 8/29	Upstream River 8/29/10
d-UP RIVER 8/29	Dissolved Upstream River 8/29/10
DOWN RIVER 8/29	Downstream River 8/29/10
d-DOWN RIVER 8/29	Dissolved Downstream River 8/29/10
UP RIVER 8/30	Upstream River 8/30/10
d-UP RIVER 8/30	Dissolved Upstream River 8/30/10
DOWN RIVER 8/30	Downstream River 8/30/10
d-DOWN RIVER 8/30	Dissolved Downstream River 8/30/10

NOTE: Samples that don't have the term "dissolved" were analyzed as total or total recoverable.

Below is the relevant timeline for total and dissolved metals analyses on 8/31/2010. Please see attached email correspondence regarding this (Attachment 4).

8:44 AM Lab Manager reported instrument breakdown  
 8:50 AM Lab Manager contacted E.S. Babcock and Sons, Inc. if they can accommodate our samples  
 10:30 AM E.S. Babcock and Sons, Inc. received digested samples from Lab Manager  
 1:16 PM A draft report of results was received from E.S. Babcock and Sons, Inc  
 1:54 PM E.S. Babcock and Sons, Inc. sent final report to Lab Manager  
 2:21 PM Lab Manager requested to verify 8/28 downstream results  
 2:35 PM Lab Manager released complete final report  
 2:53 PM E.S. Babcock and Sons, Inc reanalyzing 8/28 downstream samples  
 4:10 PM E.S. Babcock and Sons, Inc gave update of the reanalysis  
 4:23 PM E.S. Babcock and Sons, Inc released amended report.

Corrections to Total and Dissolved Copper and Lead Results:

Following a post review of the results for total and dissolved Cd, Cu, and Pb results, we have identified that the results of the amended report of E.S. Babcock and Sons, Inc. was not captured in our letter submitted on August 31, 2010. The corrected Total and Dissolved Metals table is presented below. Please see attached E.S. Babcock and Sons, Inc. amended report (Attachment 5).

**Total and Dissolved Metals**

Sample Description/Metals/ Date	Total (µg/L)				Dissolved (µg/L)			
	8/27	8/28	8/29	8/30	8/27	8/28	8/29	8/30
Upstream Cd	ND	ND	ND	ND	ND	ND	ND	ND
Upstream Cu	4.3	4.5	4.2	4.9	3.9	4.0	3.9	4.3
Upstream Pb	0.46	0.31	0.24	0.40	0.095	ND	ND	ND
Downstream Cd	ND	ND	ND	ND	ND	ND	ND	ND
Downstream Cu	4.0	4.4	4.6	4.8	4.0	4.3	4.5	4.7
Downstream Pb	0.18	0.18	0.23	0.26	0.10	0.087	0.11	0.13

NOTE: The results highlighted in red were reported as 5.1 µg/L and 4.7 µg/L in the previous letter.

Attachment 1

**Rozenstraten, Norma**

**From:** Rozenstraten, Norma  
**Sent:** Friday, August 27, 2010 1:21 PM  
**To:** Yambot, Annie  
**Cc:** Street, Kevin; Filadelfia, Edward; Valladao, Gary; Bartle, Brian; Godoy, Virginia; Hoang, Toan; Lazo, Mike; Thill, Jean  
**Subject:** Special River Sampling

Hi Annie,

The special river sampling [303(d) delisting project] started today and will end on Monday. Operations will collect samples and the laboratory will do analysis. I talked to Jean and Brian and they said that the lab can do all analyses in house. The ICP-ES is ready to go and they are not anticipating any problem.

Here's the list of analyses needed:

- ✓ Cu (Total and Dissolved)
- ✓ Pb (Total and Dissolved)
- ✓ Cd (Total and Dissolved)
- ✓ TOC
- ✓ Dissolved Organic Carbon
- ✓ Mg
- ✓ Na
- ✓ K
- ✓ SO4
- ✓ Cl
- ✓ Alkalinity
- ✓ pH – OPS will do this
- ✓ Temperature – OPS will do this

Mike will filter the sample for dissolved metals and dissolved organic carbon on Saturday; he will be trained today. I will filter the sample on Sunday since Toan is not trained to do this.

Here are items that Jean, Brian, and I discussed:

- ▶ There are 2 sampling locations (upstream and downstream). A total of 8 samples (2 samples/day x 4 days = 8 samples). Brand new 1-gal size container will be used.
- ▶ All samples for metals will be digested on Monday, August 30<sup>th</sup>
- ▶ Metal analysis will be performed on Tuesday, August 31<sup>st</sup>
- ▶ The 0.45 µm membrane filter to be used for filtering sample for dissolved organic carbon will be rinsed 3x with 50 mL NP water followed by 3x with 50 mL sample to minimize carbon contamination from the filter paper.
- ▶ I will create variables for these parameters so we can store results in Hach WIMS.
- ▶ Results are due to Ed on August 31<sup>st</sup>

Sorry for the short notice. Thanks to Jean, Brian, and Mike for all their help.

Thanks,  
 Norma

Attachment 2



City of Riverside, Laboratory Services  
 Water Quality Control Plant  
 Special River Sampling (August 27-30, 2010)

Sample ID	Date of Collection	Time of Collection	Initials	pH (SU)	Temperature (degree C)	Relinquished By Date and Time	Received By Date and Time
Upstream River	8/27/2010	11:55	KS	7.72	27.0	8/27/10 12:44 [Signature]	[Signature] 8/27/10 12:44
Downstream River	8/27/2010	12:17	KS	7.68	29.6	[Signature]	
Upstream River	8/28/2010	08:54	DA	7.85	19.5	David Ouchelt La Monarch Mansn	Mike Z 8/28/10 10:10
Downstream River	8/28/2010	09:27	DA	7.54	28.0	David Ouchelt Raymond Maysn	
Upstream River	8/29/2010	06:39	DO	8.1	19.2	8/29/10 Frank Olin	8/29/10 7:11
Downstream River	8/29/2010	07:23	DO	7.6	26.0		
Upstream River	8/30/2010	09:25	KS	8.30	20.1	8/30/10 [Signature]	[Signature] 8/30/10 10:27
Downstream River	8/30/2010	09:54	KS	7.86	26.6	[Signature]	

NOTES OR COMMENTS:

Attachment 3





Attachment 4

**Rozenstraten, Norma**

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 8:44 AM  
**To:** Street, Kevin  
**Cc:** Rozenstraten, Norma; Filadelfia, Edward  
**Subject:** BAD NEWS on ICAP  
**Importance:** High

Kevin,

As Brian was starting up the run this morning the ICAP's coil and torch tube got burned again. I am awaiting Babcock's response if they can run our digested samples and have the results by noon or early afternoon. Metals may be sent out to Babcock.

Thanks,

*Anicia E. Yambot*

Laboratory Manager  
City of Riverside, RWQCP

5950 Acorn St.,  
Riverside, CA 92504  
Office (951) 351 - 6016  
Cell (951) 288 - 2997  
E-Mail: ayambot@riversideca.gov



Dept. of Public Works

**Rozenstraten, Norma**

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 8:50 AM  
**To:** Street, Kevin  
**Cc:** Filadelfia, Edward; Rozenstraten, Norma  
**Subject:** FW: BAD NEWS on ICAP  
**Importance:** High

Babcock can accommodate our digested samples. I'll bring them to Babcock now. Results may be available early afternoon. Was pushing for 12 noon but they can't.

Thank you,  
Annie Yambot

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 8:44 AM  
**To:** Street, Kevin  
**Cc:** Rozenstraten, Norma; Filadelfia, Edward  
**Subject:** ~~BAD NEWS on ICAP~~  
**Importance:** High

Kevin,

As Brian was starting up the run this morning the ICAP's coil and torch tube got burned again. I am awaiting Babcock's response if they can run our digested samples and have the results by noon or early afternoon. Metals may be sent out to Babcock.

Thanks,

*Anicia E. Yambot*

Laboratory Manager  
City of Riverside, RWQCP  
5950 Acorn St.,  
Riverside, CA 92504  
Office (951) 351 - 6016  
Cell (951) 288 - 2997  
E-Mail: ayambot@riversideca.gov



Dept. of Public Works

**Rozenstraten, Norma**

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 1:41 PM  
**To:** Filadelfia, Edward  
**Cc:** Rozenstraten, Norma  
**Subject:** FW: re[2]: Preliminary Data  
**Attachments:** A0H3111 Draft Report.pdf

Just FYI, in case you want to see these data.

Thank you,  
Annie Yambot

**From:** Robin Glenney [mailto:rglenney@babcocklabs.com]  
**Sent:** Tuesday, August 31, 2010 1:16 PM  
**To:** Yambot, Annie; Justin Troup  
**Subject:** re[2]: Preliminary Data

~~Attached you will find the draft report, I will send the final report out if it is completed before Justin returns. Please let me know if you need anything else. Have a great day!~~

**Robin Glenney | Project Manager**  
E.S.BABCOCK&Sons, Inc. | Environmental Laboratories *Since 1906*  
P 951 653 3351 x236 F 951 653 1662  
www.babcocklabs.com  
Unparalleled Environmental Laboratory Services

**Did E.S. Babcock & Sons meet your expectations? Please visit us at Project Feedback and rate the service you received.**

-----  
Note: The information in this message may be privileged and confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.

 **Please consider the environment before printing this e-mail**

----- **Original Message** -----

**From:** "Yambot, Annie" <AYambot@riversideca.gov>  
**To:** Justin Troup <jtroup@babcocklabs.com>  
**Cc:** Robin Glenney <rglenney@babcocklabs.com>  
**Date:** Tue, 31 Aug 2010 13:04:50 -0700

Subject: RE: Preliminary Data

Justin,

Can't find attachment.

Thank you,  
Annie Yambot

**From:** Justin Troup [mailto:jtroup@babcocklabs.com]  
**Sent:** Tuesday, August 31, 2010 1:03 PM  
**To:** Yambot, Annie  
**Cc:** Robin Glenney  
**Subject:** RE: Preliminary Data

*Annie, attached you will find a draft report of the samples. I'm still waiting on lead and copper. Robin Glenney will email you the final report when it is ready. I have to go off site for a meeting at 1:30p and probably won't return until 3:00p or so. If you have any further questions Robin can be reached at x236. Thanks.*

Please feel free to contact me should you have any further questions. Thanks!

**Justin Troup | Project Manager**

E.S.BABCOCK&Sons, Inc. | Environmental Laboratories since 1906  
P 951 653 3351 x 249 F 951 653 1662  
www.babcocklabs.com  
Unparalleled Environmental Laboratory Services

Did E.S. Babcock & Sons meet your expectations? Please visit us at Project Feedback and rate the service you received.

-----  
Note: The information in this message may be privileged and confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.

 Please consider the environment before printing this e-mail

**From:** Yambot, Annie [mailto:AYambot@riversideca.gov]  
**Sent:** Tuesday, August 31, 2010 12:58 PM  
**To:** Justin Troup  
**Subject:** Preliminary Data  
**Importance:** High

9/3/2010

Justin,

Is it possible to get the preliminary results?

Thanks,

*Anicia E. Yambot*

Laboratory Manager

City of Riverside, RWQCP

5950 Acorn St.,

Riverside, CA 92504

Office (951) 351 - 6016

Cell (951) 288 - 2997

E-Mail: [ayambot@riversideca.gov](mailto:ayambot@riversideca.gov)



Dept. of Public Works

**Rozenstraten, Norma**

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 2:51 PM  
**To:** Rozenstraten, Norma  
**Subject:** RE: River Special Study

They are in ppb, I'm making notes on the report.

Thank you,  
 Annie Yambot

**From:** Rozenstraten, Norma  
**Sent:** Tuesday, August 31, 2010 2:40 PM  
**To:** Yambot, Annie  
**Cc:** Street, Kevin; Filadelfia, Edward  
**Subject:** RE: River Special Study

Are Cd, Cu, and Pb results in ppm?

Thanks,  
 Norma

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 2:35 PM  
**To:** Filadelfia, Edward  
**Cc:** Rozenstraten, Norma; Street, Kevin  
**Subject:** River Special Study

Here's the complete data with copper and lead. Requested Babcock to verify data highlighted in yellow. They looked switched.

Constituents	Upstream	Upstream	Downstream	Downstream
	in ppm (Total)	in ppm (Dissolved)	in ppm (Total)	in ppm (Dissolved)
<b>Sample Date: 08/27/2010</b>				
Alkalinity	271		197	
Total Organic Carbon (TOC)	2.3	2.1	6.0	6.0
Chloride (Cl)	114		117	
Sulfate (SO <sub>4</sub> )	115		93	
Cadmium (Cd)	ND		ND	ND
Copper (Cu)	4.3	3.9	4.0	4.0
Lead (Pb)	0.46	0.095	0.18	0.10
Calcium (Ca)	110	110	70	70
Magnesium (Mg)	23	23	14	14
Potassium (K)	9.1	9	18	18

Sodium (Na)	100	100	110	110
Total Hardness	370	365	230	230
pH	7.72		7.68	
Temperature, °C	27		29.6	

**Sample Date: 08/28/2011**

Alkalinity	263		188	
Total Organic Carbon (TOC)	2.2	2.6	7.2	6.0
Chloride (Cl)	113		124	
Sulfate (SO <sub>4</sub> )	113		106	
Cadmium (Cd)	ND	ND	ND	ND
Copper (Cu)	4.5	4	4.4	5.1
Lead (Pb)	0.31	ND	0.18	4.7
Calcium (Ca)	110	110	71	72
Magnesium (Mg)	23	23	15	15
Potassium (K)	9.3	9.3	17	18
Sodium (Na)	100	100	110	120
Total Hardness	360	360	240	240
pH	7.85		7.54	
Temperature, °C	19.5		28	

**Sample Date: 08/29/2012**

Alkalinity	269		197	
Total Organic Carbon (TOC)	4.2	3.1	7.9	7.6
Chloride (Cl)	112		126	
Sulfate (SO <sub>4</sub> )	112		96	
Cadmium (Cd)	ND	ND	ND	ND
Copper (Cu)	4.2	3.9	4.6	4.5
Lead (Pb)	0.24	ND	0.23	0.11
Calcium (Ca)	110	110	72	72
Magnesium (Mg)	22	22	15	15
Potassium (K)	9.7	9.7	16	16
Sodium (Na)	100	100	110	110
Total Hardness	360	360	240	240
pH	8.1		7.6	
Temperature, °C	19.2		26	

**Sample Date: 08/30/2013**

Alkalinity	263		202	
Total Organic Carbon (TOC)	3.8	3.7	8.0	6.9
Chloride (Cl)	112		121	
Sulfate (SO <sub>4</sub> )	112		102	
Cadmium (Cd)	ND	ND	ND	ND
Copper (Cu)	4.9	4.3	4.8	4.7
Lead (Pb)	0.4	ND	0.26	0.13
Calcium (Ca)	100	100	76	73

Magnesium (Mg)	21	21	16	15
Potassium (K)	10	9.8	14	14
Sodium (Na)	100	99	110	110
Total Hardness	350	340	260	250
pH	8.3		7.86	
Temperature, °C	20.1		26.6	

**Rozenstraten, Norma**

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 2:35 PM  
**To:** Filadelfia, Edward  
**Cc:** Rozenstraten, Norma; Street, Kevin  
**Subject:** River Special Study

Here's the complete data with copper and lead. Requested Babcock to verify data highlighted in yellow. They looked switched.

Constituents	Upstream	Upstream	Downstream	Downstream
	in ppm (Total)	in ppm (Dissolved)	in ppm (Total)	in ppm (Dissolved)
<b>Sample Date: 08/27/2010</b>				
Alkalinity	271		197	
Total Organic Carbon (TOC)	2.3	2.1	6.0	6.0
Chloride (Cl)	114		117	
Sulfate (SO <sub>4</sub> )	115		93	
Cadmium (Cd)	ND		ND	ND
Copper (Cu)	4.3	3.9	4.0	4.0
Lead (Pb)	0.46	0.095	0.18	0.10
Calcium (Ca)	110	110	70	70
Magnesium (Mg)	23	23	14	14
Potassium (K)	9.1	9	18	18
Sodium (Na)	100	100	110	110
Total Hardness	370	365	230	230
pH	7.72		7.68	
Temperature, °C	27		29.6	
<b>Sample Date: 08/28/2011</b>				
Alkalinity	263		188	
Total Organic Carbon (TOC)	2.2	2.6	7.2	6.0
Chloride (Cl)	113		124	
Sulfate (SO <sub>4</sub> )	113		106	
Cadmium (Cd)	ND	ND	ND	ND
Copper (Cu)	4.5	4	4.4	5.1
Lead (Pb)	0.31	ND	0.18	4.7
Calcium (Ca)	110	110	71	72
Magnesium (Mg)	23	23	15	15
Potassium (K)	9.3	9.3	17	18
Sodium (Na)	100	100	110	120
Total Hardness	360	360	240	240
pH	7.85		7.54	

Temperature, °C	19.5		28	
<b>Sample Date: 08/29/2012</b>				
Alkalinity	269		197	
Total Organic Carbon (TOC)	4.2	3.1	7.9	7.6
Chloride (Cl)	112		126	
Sulfate (SO <sub>4</sub> )	112		96	
Cadmium (Cd)	ND	ND	ND	ND
Copper (Cu)	4.2	3.9	4.6	4.5
Lead (Pb)	0.24	ND	0.23	0.11
Calcium (Ca)	110	110	72	72
Magnesium (Mg)	22	22	15	15
Potassium (K)	9.7	9.7	16	16
Sodium (Na)	100	100	110	110
Total Hardness	360	360	240	240
pH	8.1		7.6	
Temperature, °C	19.2		26	

**Sample Date: 08/30/2013**

Alkalinity	263		202	
Total Organic Carbon (TOC)	3.8	3.7	8.0	6.9
Chloride (Cl)	112		121	
Sulfate (SO <sub>4</sub> )	112		102	
Cadmium (Cd)	ND	ND	ND	ND
Copper (Cu)	4.9	4.3	4.8	4.7
Lead (Pb)	0.4	ND	0.26	0.13
Calcium (Ca)	100	100	76	73
Magnesium (Mg)	21	21	16	15
Potassium (K)	10	9.8	14	14
Sodium (Na)	100	99	110	110
Total Hardness	350	340	260	250
pH	8.3		7.86	
Temperature, °C	20.1		26.6	

**Rozenstraten, Norma**

---

**From:** Yambot, Annie  
**Sent:** Tuesday, August 31, 2010 2:55 PM  
**To:** Street, Kevin; Filadelfia, Edward  
**Cc:** Rozenstraten, Norma  
**Subject:** FW: re[2]: Preliminary Data

Just FYI...

Thank you,  
Annie Yambot

---

**From:** Robin Glenney [mailto:rglenney@babcocklabs.com]  
**Sent:** Tuesday, August 31, 2010 2:53 PM  
**To:** Yambot, Annie  
**Cc:** Justin Troup  
**Subject:** RE: re[2]: Preliminary Data

We are reanalyzing these samples right now I will let you know as soon as we get results. I checked the labels and they are labeled correctly.

**Robin Glenney | Project Manager**  
E.S.BABCOCK&Sons, Inc. | Environmental Laboratories since 1906  
P 951 653 3351 x236 F 951 653 1662  
[www.babcocklabs.com](http://www.babcocklabs.com)  
Unparalleled Environmental Laboratory Services

Did E.S. Babcock & Sons meet your expectations? Please visit us at **Project Feedback** and rate the service you received.

-----  
Note: The information in this message may be privileged and confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.

---

**From:** Yambot, Annie [mailto:AYambot@riversideca.gov]  
**Sent:** Tuesday, August 31, 2010 2:21 PM  
**To:** Robin Glenney  
**Subject:** RE: re[2]: Preliminary Data  
**Importance:** High

Hi Robin,

Could you please verify data for A0H3111-12 and -13? They looked switched.

Thank you,  
Annie Yambot

---

**From:** Robin Glenney [mailto:rglenney@babcocklabs.com]  
**Sent:** Tuesday, August 31, 2010 1:54 PM  
**To:** Yambot, Annie; Justin Troup  
**Subject:** re[2]: Preliminary Data

Hello,

Attached is the final report and invoice for A0H3111. Please let me know if you need anything else. Have a great day!

**Robin Glenney | Project Manager**  
E.S.BABCOCK&Sons, Inc. | Environmental Laboratories *since 1906*  
P 951 653 3351 x236 F 951 653 1662  
[www.babcocklabs.com](http://www.babcocklabs.com)  
**Unparalleled Environmental Laboratory Services**

---

**Did E.S. Babcock & Sons meet your expectations? Please visit us at Project Feedback and rate the service you received.**

-----  
Note: The information in this message may be privileged and confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.

 **Please consider the environment before printing this e-mail**

----- Original Message -----

**From:** "Yambot, Annie" <AYambot@riversideca.gov>  
**To:** Justin Troup <jtroup@babcocklabs.com>  
**Cc:** Robin Glenney <rglenney@babcocklabs.com>  
**Date:** Tue, 31 Aug 2010 13:04:50 -0700  
**Subject:** RE: Preliminary Data

Justin,

Can't find attachment.

Thank you,  
Annie Yambot

**From:** Justin Troup [mailto:jtroup@babcocklabs.com]  
**Sent:** Tuesday, August 31, 2010 1:03 PM  
**To:** Yambot, Annie  
**Cc:** Robin Glenney  
**Subject:** RE: Preliminary Data

*Annie, attached you will find a draft report of the samples. I'm still waiting on lead and copper. Robin Glenney will email you the final report when it is ready. I have to go off site for a meeting at 1:30p and probably won't return until 3:00p or so. If you have any further questions Robin can be reached at x236. Thanks.*

Please feel free to contact me should you have any further questions. Thanks!

**Justin Troup | Project Manager**  
E.S.BABCOCK&Sons, Inc. | Environmental Laboratories since 1906  
P 951 653 3351 x 249 F 951 653 1662  
[www.babcocklabs.com](http://www.babcocklabs.com)  
Unparalleled Environmental Laboratory Services

Did E.S. Babcock & Sons meet your expectations? Please visit us at Project Feedback and rate the service you received.

-----  
Note: The information in this message may be privileged and confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by replying to the message and deleting it from your computer. Thank you.

 Please consider the environment before printing this e-mail

**From:** Yambot, Annie [mailto:AYambot@riversideca.gov]  
**Sent:** Tuesday, August 31, 2010 12:58 PM  
**To:** Justin Troup  
**Subject:** Preliminary Data  
**Importance:** High

Justin,

Is it possible to get the preliminary results?

Thanks,

*Anicia E. Yambot*  
Laboratory Manager

City of Riverside, RWQCP  
5950 Acorn St.,  
Riverside, CA 92504  
Office (951) 351 - 6016  
Cell (951) 288 - 2997  
E-Mail: [ayambot@riversideca.gov](mailto:ayambot@riversideca.gov)



Dept. of Public Works

Attachment 5



**E.S.BABCOCK & Sons, Inc.**  
 Environmental Laboratories *est. 1900*

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 1 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °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>
A0H3111-01	Blank Wastewater	Liquid	08/30/10 00:00	-	08/31/10 10:30	Annie Yambot
A0H3111-02	Blank Spike Wastewater	Liquid	08/30/10 00:00	-	08/31/10 10:30	Annie Yambot
A0H3111-03	Up River 8/27/10 Matrix Wastewater	Liquid	08/27/10 11:55	-	08/31/10 10:30	Annie Yambot
A0H3111-04	Up River 8/27 Spike A Wastewater	Liquid	08/27/10 11:55	-	08/31/10 10:30	Annie Yambot
A0H3111-05	Up River 8/27 Spike B Wastewater	Liquid	08/27/10 11:55	-	08/31/10 10:30	Annie Yambot
A0H3111-06	d-Up River 8/27 A Wastewater	Liquid	08/27/10 11:55	-	08/31/10 10:30	Annie Yambot
A0H3111-07	d-Up River 8/27 B Wastewater	Liquid	08/27/10 11:55	-	08/31/10 10:30	Annie Yambot
A0H3111-08	Down River 8/27 Wastewater	Liquid	08/27/10 12:17	-	08/31/10 10:30	Annie Yambot
A0H3111-09	d-Down River 8/27 Wastewater	Liquid	08/27/10 12:17	-	08/31/10 10:30	Annie Yambot
A0H3111-10	Up River 8/28 Wastewater	Liquid	08/28/10 08:54	-	08/31/10 10:30	Annie Yambot
A0H3111-11	d-Up River 8/28 Wastewater	Liquid	08/28/10 08:54	-	08/31/10 10:30	Annie Yambot
A0H3111-12	Down River 8/28 Wastewater	Liquid	08/28/10 09:27	-	08/31/10 10:30	Annie Yambot

<i>mailing</i> P.O. Box 432 Riverside, CA 92502-0432	<i>location</i> 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. 2698 EPA no. CA00102
--	--	---	--



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 2 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °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>
A0H3111-13	d-Down River 8/28 Wastewater	Liquid	08/28/10 09:27	-	08/31/10 10:30	Annie Yambot
A0H3111-14	Up River 8/29 Wastewater	Liquid	08/29/10 06:39	-	08/31/10 10:30	Annie Yambot
A0H3111-15	d-Up River 8/29 Wastewater	Liquid	08/29/10 06:39	-	08/31/10 10:30	Annie Yambot
A0H3111-16	Down River 8/29 Wastewater	Liquid	08/29/10 07:23	-	08/31/10 10:30	Annie Yambot
A0H3111-17	d-Down River 8/29 Wastewater	Liquid	08/29/10 07:23	-	08/31/10 10:30	Annie Yambot
A0H3111-18	Up River 8/30 Wastewater	Liquid	08/30/10 09:25	-	08/31/10 10:30	Annie Yambot
A0H3111-19	d-Up River 8/30 Wastewater	Liquid	08/30/10 09:25	-	08/31/10 10:30	Annie Yambot
A0H3111-20	Down River 8/30 Wastewater	Liquid	08/30/10 09:54	-	08/31/10 10:30	Annie Yambot
A0H3111-21	d-Down River 8/30 Wastewater	Liquid	08/30/10 09:54	-	08/31/10 10:30	Annie Yambot



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

**AMENDED**

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 3 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

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

**Laboratory Number: A0H3111-(-012 & -13)**

**For A0H3111-12:**

**At the client's request, the analysis for lead/copper was redone. Both batches met the quality control acceptance criteria of the laboratory, the original result was confirmed.**

**For A0H3111-13**

**As per client request, the analysis for lead/copper was redone. Although all batches met the quality control acceptance criteria of the laboratory, the original result could not be duplicated. The retest result was confirmed by a duplicate and the result of the retest appears on this report.**

**This report supersedes the report issued on 31-Aug-2010.**

<i>mailing</i> P.O.Box 432 Riverside, CA 92502-0432	<i>location</i> 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. 2698 EPA no. CA00102
---	--	---	--



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 4 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

**A0H3111-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Blank	Liquid	08/30/10 00:00	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	ND	3.0	0.35	mg/L	SM 3120B	08/31/10 11:28	lmt	
Calcium	ND	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:28	lmt	
Magnesium	ND	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:28	lmt	
Sodium	ND	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:28	lmt	
Potassium	ND	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:28	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:28	lmt	
Copper	ND	10	1.9	ug/L	EPA 200.8	08/31/10 11:52	krv	
Lead	0.11	10	0.084	ug/L	EPA 200.8	08/31/10 11:52	krv	J



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 5 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

Report Date: 31-Aug-2010

**Work Order Number: A0H3111**

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

**A0H3111-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Blank Spike	Liquid	08/30/10 00:00	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	110	3.0	0.35	mg/L	SM 3120B	08/31/10 11:30	lmt	
Calcium	26	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:30	lmt	
Magnesium	10	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:30	lmt	
Sodium	25	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:30	lmt	
Potassium	10	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:30	lmt	
<b>Metals and Metalloids</b>								
Cadmium	130	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:30	lmt	
Copper	120	10	1.9	ug/L	EPA 200.8	08/31/10 11:54	krv	
Lead	480	10	0.084	ug/L	EPA 200.8	08/31/10 11:54	krv	



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

AMENDED

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 6 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Up River 8/27/10 Matrix	Liquid	08/27/10 11:55	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	370	3.0	0.35	mg/L	SM 3120B	08/31/10 11:31	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:31	lmt	
Magnesium	23	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:31	lmt	
Sodium	100	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:31	lmt	
Potassium	9.1	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:31	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:32	lmt	
Copper	4.3	10	1.9	ug/L	EPA 200.8	08/31/10 11:55	krv	J
Lead	0.46	10	0.084	ug/L	EPA 200.8	08/31/10 11:55	krv	J

*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: 2698  
EPA no: CA00102



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 7 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Report Date: 31-Aug-2010

Work Order Number: A0H3111

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-04

Sample Description: Up River 8/27 Spike A
Matrix: Liquid
Sampled Date/Time: 08/27/10 11:55
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).



**E.S.BABCOCK & Sons, Inc.**  
 Environmental Laboratories *est. 1970*

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 8 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Up River 8/27 Spike B	Liquid	08/27/10 11:55	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	470	3.0	0.35	mg/L	SM 3120B	08/31/10 11:35	lmt	
Calcium	130	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:35	lmt	
Magnesium	33	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:35	lmt	
Sodium	130	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:35	lmt	
Potassium	19	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:35	lmt	
<b>Metals and Metalloids</b>								
Cadmium	130	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:35	lmt	
Copper	120	10	1.9	ug/L	EPA 200.8	08/31/10 12:06	krv	
Lead	470	10	0.084	ug/L	EPA 200.8	08/31/10 12:06	krv	



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 9 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-06

Sample Description

d-Up River 8/27 A

Matrix

Liquid

Sampled Date/Time

08/27/10 11:55

Received Date/Time

08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).

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. 2698

EPA no. CA00102



**E.S.BABCOCK & Sons, Inc.**  
 Environmental Laboratories *est. 1926*

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 10 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-07**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
d-Up River 8/27 B	Liquid	08/27/10 11:55	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	370	3.0	0.35	mg/L	SM 3120B	08/31/10 11:38	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:38	lmt	
Magnesium	23	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:38	lmt	
Sodium	100	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:38	lmt	
Potassium	9.1	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:38	lmt	
<b>Metals and Metalloids</b>								
Cadmium	0.94	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:39	lmt	J
Copper	3.8	10	1.9	ug/L	EPA 200.8	08/31/10 12:10	krv	J
Lead	ND	10	0.084	ug/L	EPA 200.8	08/31/10 12:10	krv	



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

**AMENDED**

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 11 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-08**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Down River 8/27	Liquid	08/27/10 12:17	08/31/10 10:30

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Cations</b>								
Total Hardness	230	3.0	0.35	mg/L	SM 3120B	08/31/10 11:40	lmt	
Calcium	70	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:40	lmt	
Magnesium	14	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:40	lmt	
Sodium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:40	lmt	
Potassium	18	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:40	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:40	lmt	
Copper	4.0	10	1.9	ug/L	EPA 200.8	08/31/10 12:11	krv	J
Lead	0.18	10	0.084	ug/L	EPA 200.8	08/31/10 12:11	krv	J



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 12 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-09**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
d-Down River 8/27	Liquid	08/27/10 12:17	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	230	3.0	0.35	mg/L	SM 3120B	08/31/10 11:41	lmt	
Calcium	70	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:41	lmt	
Magnesium	14	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:41	lmt	
Sodium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:41	lmt	
Potassium	18	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:41	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:42	lmt	
Copper	4.0	10	1.9	ug/L	EPA 200.8	08/31/10 12:13	krv	J
Lead	0.10	10	0.084	ug/L	EPA 200.8	08/31/10 12:13	krv	J

*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. 2698  
 EPA no. CA00102



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 13 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-10

Sample Description: Up River 8/28
Matrix: Liquid
Sampled Date/Time: 08/28/10 08:54
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).

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. 2698
EPA no. CA00102



**E.S.BABCOCK & Sons, Inc.**  
Environmental Laboratories *est. 1976*

**AMENDED**

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 14 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-11**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
d-Up River 8/28	Liquid	08/28/10 08:54	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	360	3.0	0.35	mg/L	SM 3120B	08/31/10 11:49	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:49	lmt	
Magnesium	23	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:49	lmt	
Sodium	100	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:49	lmt	
Potassium	9.3	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:49	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:49	lmt	
Copper	4.0	10	1.9	ug/L	EPA 200.8	08/31/10 12:17	krv	J
Lead	ND	10	0.084	ug/L	EPA 200.8	08/31/10 12:17	krv	

*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. 2698  
EPA no. CA00102



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 15 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-12**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Down River 8/28	Liquid	08/28/10 09:27	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	240	3.0	0.35	mg/L	SM 3120B	08/31/10 11:50	lmt	
Calcium	71	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:50	lmt	
Magnesium	15	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:50	lmt	
Sodium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:50	lmt	
Potassium	17	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:50	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:51	lmt	
Copper	4.4	10	1.9	ug/L	EPA 200.8	08/31/10 12:18	krv	J
Lead	0.18	10	0.084	ug/L	EPA 200.8	08/31/10 12:18	krv	J



E.S.BABCOCK&Sons, Inc.

Environmental Laboratories est 1976

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 16 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-13

Sample Description: d-Down River 8/28
Matrix: Liquid
Sampled Date/Time: 08/28/10 09:27
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).

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. 2698
EPA no. CA00102



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

**AMENDED**

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 17 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-14**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Up River 8/29	Liquid	08/29/10 06:39	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	360	3.0	0.35	mg/L	SM 3120B	08/31/10 11:54	lmt	
Calcium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:54	lmt	
Magnesium	22	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:54	lmt	
Sodium	100	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:54	lmt	
Potassium	9.7	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:54	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:54	lmt	
Copper	4.2	10	1.9	ug/L	EPA 200.8	08/31/10 12:22	krv	J
Lead	0.24	10	0.084	ug/L	EPA 200.8	08/31/10 12:22	krv	J

*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. 2698  
EPA no. CA00102



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 18 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-15

Sample Description: d-Up River 8/29
Matrix: Liquid
Sampled Date/Time: 08/29/10 06:39
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).

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. 2698
EPA no. CA00102



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est. 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 19 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-16

Sample Description: Down River 8/29
Matrix: Liquid
Sampled Date/Time: 08/29/10 07:23
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 20 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-17**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
d-Down River 8/29	Liquid	08/29/10 07:23	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	240	3.0	0.35	mg/L	SM 3120B	08/31/10 11:59	lmt	
Calcium	72	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:59	lmt	
Magnesium	15	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:59	lmt	
Sodium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:59	lmt	
Potassium	16	1.0	0.50	mg/L	EPA 200.7	08/31/10 11:59	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 11:59	lmt	
Copper	4.5	10	1.9	ug/L	EPA 200.8	08/31/10 12:34	krv	J
Lead	0.11	10	0.084	ug/L	EPA 200.8	08/31/10 12:34	krv	J



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est. 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 21 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-18

Sample Description: Up River 8/30
Matrix: Liquid
Sampled Date/Time: 08/30/10 09:25
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).



E.S.BABCOCK&Sons, Inc.

Environmental Laboratories est 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 22 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-19

Sample Description: d-Up River 8/30
Matrix: Liquid
Sampled Date/Time: 08/30/10 09:25
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).



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

**AMENDED**

Client Name: Riverside City - WQCP  
 Contact: Anicia Yambot  
 Address: 5950 Acorn St.  
 Riverside, CA 92504

Analytical Report: Page 23 of 29  
 Project Name: RWQCP-SARDA  
 Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number  
**A0H3111-20**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Down River 8/30	Liquid	08/30/10 09:54	08/31/10 10:30

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>								
Total Hardness	260	3.0	0.35	mg/L	SM 3120B	08/31/10 12:04	lmt	
Calcium	76	1.0	0.50	mg/L	EPA 200.7	08/31/10 12:03	lmt	
Magnesium	16	1.0	0.50	mg/L	EPA 200.7	08/31/10 12:04	lmt	
Sodium	110	1.0	0.50	mg/L	EPA 200.7	08/31/10 12:03	lmt	
Potassium	14	1.0	0.50	mg/L	EPA 200.7	08/31/10 12:03	lmt	
<b>Metals and Metalloids</b>								
Cadmium	ND	5.0	0.73	ug/L	EPA 200.7	08/31/10 12:04	lmt	
Copper	4.8	10	1.9	ug/L	EPA 200.8	08/31/10 12:39	krv	J
Lead	0.26	10	0.084	ug/L	EPA 200.8	08/31/10 12:39	krv	J



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est 1900

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 24 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Laboratory Reference Number

A0H3111-21

Sample Description: d-Down River 8/30
Matrix: Liquid
Sampled Date/Time: 08/30/10 09:54
Received Date/Time: 08/31/10 10:30

Table with columns: Analyte(s), Result, RDL, MDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Cations (Total Hardness, Calcium, Magnesium, Sodium, Potassium) and Metals and Metalloids (Cadmium, Copper, Lead).

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. 2698
EPA no. CA00102



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 25 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Metals and Metalloids - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, MDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes sections for Batch 0H31025 and Batch 0H31028.



**E.S.BABCOCK & Sons, Inc.**  
Environmental Laboratories *est. 1926*

**AMENDED**

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 26 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

**Metals and Metalloids - Batch Quality Control**

Analyte(s)	Result	RDL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 0H31028 - Analyzed as received</b>											
<b>LCS Dup (0H31028-BSD1)</b>					Prepared & Analyzed: 08/31/10						
Copper	64.3	10	1.9	ug/L	62.5		103	85-115	2.23	20	
Lead	61.3	10	0.084	ug/L	62.5		98.1	85-115	2.44	20	
<b>Matrix Spike (0H31028-MS1)</b>					Source: A0H3111-21 Prepared & Analyzed: 08/31/10						
Copper	65.4	10	1.9	ug/L	62.5	4.70	97.1	70-130			
Lead	58.7	10	0.084	ug/L	62.5	0.126	93.7	70-130			

*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. 2698  
EPA no. CA00102



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

AMENDED

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 27 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

Work Order Number: A0H3111

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

Notes and Definitions

J Estimated value

ND: Analyte NOT DETECTED at or above the Method Detection Limit (if MDL is reported), otherwise at or above the Reportable Detection Limit (RDL)

NR: Not Reported

RDL: Reportable Detection Limit

MDL: Method Detection Limit

\* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

Justin C. Troup For Hsin-Yi Lee

Project Manager

cc:

ESB mdl 5.5 Signature Rep

<i>mailing</i> P.O. Box 432 Riverside, CA 92502-0432	<i>location</i> 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. 2698 EPA no. CA00102
--	--	---	--



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories est. 1906

AMENDED

Client Name: Riverside City - WQCP
Contact: Anicia Yambot
Address: 5950 Acorn St.
Riverside, CA 92504

Analytical Report: Page 28 of 29
Project Name: RWQCP-SARDA
Project Number: SARDA

Report Date: 31-Aug-2010

Work Order Number: A0H3111

Received on Ice (Y/N): No Temp: 21 °C

Chain of Custody & Sample Information Record

E.S. Babcock & Sons, Inc. Environmental Laboratories
(951) 653-3351 FAX (951) 653-1662
www.babcocklabs.com

Form containing client information, project details, and a table of sample analysis results with columns for Date, Time, Sample ID, and various analysis parameters.

Lab No. A0H3111 AB
AUG 31 2010 Page 1 of 2 AB

Form for sample integrity and receipt verification, including fields for Sample ID, Date, and Signature.

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. 2698
EPA no. CA00102



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

**AMENDED**

Client Name: Riverside City - WQCP  
Contact: Anicia Yambot  
Address: 5950 Acorn St.  
Riverside, CA 92504

Analytical Report: Page 29 of 29  
Project Name: RWQCP-SARDA  
Project Number: SARDA

**Work Order Number: A0H3111**

Report Date: 31-Aug-2010

Received on Ice (Y/N): No Temp: 21 °C

**Chain of Custody & Sample Information Record**

E.S. Babcock & Sons, Inc. Environmental Laboratories  
(951) 653-3351 FAX (951) 653-1662  
www.babcocklabs.com

Client: <b>Riverside City-WQCP</b>		Contact: <b>Anicia Yambot</b>	Phone No. <b>(951)351-4016</b>	Additional Receipts Requests Initial OC Data Package <input type="checkbox"/> Yes <input type="checkbox"/> No FAX Results <input type="checkbox"/> Yes <input type="checkbox"/> No Email Results <input type="checkbox"/> Yes <input type="checkbox"/> No Site ID <input type="checkbox"/> Yes <input type="checkbox"/> No (Include Source Number in Notes)
FAX No.	Email: <b>AYambot@riversideca.gov</b>		Turn Around Time: <b>3-5 Day</b>	Sample Type: <b>Routing</b>
Project Name: <b>RWQCP-SARDA</b>	Turn Around Time: <b>3-5 Day</b>	Routing: <b>3-5 Day</b>	Rush: <b>3-5 Day</b>	Rush: <b>3-5 Day</b>
Project Location:	Lab: <b>TAT</b>	Routing: <b>3-5 Day</b>	Rush: <b>3-5 Day</b>	Rush: <b>3-5 Day</b>
Sampler Information		Analysis Requested		
Name:	Total # of Containers		Matrix	
Employer:	# of Containers & Preservatives		DW - Drinking Water	
Signature:	IR504		WW - Wastewater	
Sample ID	Date	Time	IR504	GW - Groundwater
DOWN RIVER 8/28	8/28/10	0927	IR504	S - Soil
d-DOWN RIVER 8/28	8/28/10	0927	IR504	SL - Sludge
UP RIVER 8/29	8/29/10	0639	IR504	L - Liquid
d-UP RIVER 8/29	8/29/10	0639	IR504	M - Miscellaneous
DOWN RIVER 8/29	8/29/10	0723	IR504	
d-DOWN RIVER 8/29	8/29/10	0723	IR504	
UP RIVER 8/30	8/30/10	0925	IR504	
d-UP RIVER 8/30	8/30/10	0925	IR504	
DOWN RIVER 8/30	8/30/10	0954	IR504	
d-DOWN RIVER 8/30	8/30/10	0954	IR504	
Name: <b>Anicia Yambot</b>		Date / Time: <b>8/31/10 0545</b>	Received By (Sign): <b>Anicia Yambot</b>	
Employer: <b>Riverside City - WQCP</b>		Date / Time: <b>8/31/10 0545</b>	Print Name / Company: <b>Anicia Yambot</b>	
Signature: <b>Anicia Yambot</b>		Date / Time: <b>8/31/10 0545</b>	Print Name / Company: <b>Anicia Yambot</b>	

*1-Day  
of  
K.V.  
L.A. Form*

For Lab Use Only: <input type="checkbox"/> Sample Integrity Upon Receipt	Yes <input type="checkbox"/> No <input type="checkbox"/>
Sample Submitted on Ice	Yes <input type="checkbox"/> No <input type="checkbox"/>
Clinical/Stat/Spec Project	Yes <input type="checkbox"/> No <input type="checkbox"/>
Sample Returned	Yes <input type="checkbox"/> No <input type="checkbox"/>

Lab No. **A0H3111**  
Page **2** of **2**  
**AUG 31 2010**

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. 2698  
EPA no. CA00102