



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

11 March 2025

John Salguero  
State Water Resources Control Board - Region 4  
320 West Fourth Street, Suite 200  
Los Angeles, CA 90013

*RE: Autospool-RWB4\_WildFireResponse\_2025*

Dear John Salguero,

The following pages contain the analytical results for the sample(s) received for your project. The second page of this report lists the individual sample descriptions with the corresponding laboratory number(s). We have also provided a copy of the Chain of Custody document (if received with your sample(s)). Please note that 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.

Sincerely,

Autospool Station For Alexandria L. Guerra  
Special Programs Coordinator



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Lab ID	Matrix	Station Code	Location Code	Sampled	Received
Malibu Surfrider Beach	C5C0606-01	Solid	N/A	Bank	02/25/25 11:00	03/05/25 09:00
Zuma Beach	C5C0606-02	Solid	N/A	Bank	02/25/25 10:30	03/05/25 09:00
Malibu Surfrider Beach	C5C0606-03	Solid	N/A	Bank	02/25/25 11:00	03/05/25 09:00
Topanga Lagoon	C5C0606-04	Solid	N/A	Bank	02/25/25 12:30	03/05/25 09:00
Topanga Beach	C5C0606-05	Solid	N/A	Bank	02/25/25 12:50	03/05/25 09:00
Will Rogers Beach	C5C0606-06	Solid	N/A	Bank	02/25/25 13:20	03/05/25 09:00
Santa Monica Canyon Rustic Cr Outfall	C5C0606-07	Solid	N/A	Bank	02/25/25 13:30	03/05/25 09:00
Montana Ave Storm Drain	C5C0606-08	Solid	N/A	Bank	02/27/25 13:40	03/05/25 09:00
Santa Monica Beach	C5C0606-09	Solid	N/A	Bank	02/25/25 14:30	03/05/25 09:00
Santa Monica Beach North of Pier	C5C0606-10	Solid	N/A	Bank	02/27/25 14:00	03/05/25 09:00
Venice Rose Ave Storm Drain	C5C0606-11	Solid	N/A	Bank	02/27/25 15:30	03/05/25 09:00
Venice Drain	C5C0606-12	Solid	N/A	Bank	02/25/25 16:00	03/05/25 09:00
Mother's Beach	C5C0606-13	Solid	N/A	Bank	02/26/25 09:00	03/05/25 09:00
Dockweiler Beach	C5C0606-14	Solid	N/A	Bank	02/26/25 08:30	03/05/25 09:00
Redondo Break	C5C0606-15	Solid	N/A	Bank	02/26/25 08:00	03/05/25 09:00
RAT Beach	C5C0606-16	Solid	N/A	Bank	02/26/25 07:00	03/05/25 09:00



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Malibu Surfrider Beach**  
**C5C0606-01 (Solid, Sampled: 02/25/25 11:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.8</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>15</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>2.4</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>8.5</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>3.7</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>90</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>7.7</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>2.2</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>16</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Zuma Beach**  
**C5C0606-02 (Solid, Sampled: 02/25/25 10:30)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>2.3</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>25</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>2.3</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>11</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>2.1</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>85</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>5.7</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>2.9</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>13</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Malibu Surfrider Beach**  
**C5C0606-03 (Solid, Sampled: 02/25/25 11:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.8</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>20</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>2.3</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>8.7</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>3.7</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>91</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>8.3</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>2.2</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>16</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Topanga Lagoon**  
**C5C0606-04 (Solid, Sampled: 02/25/25 12:30)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>3.2</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>45</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>8.8</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>16</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>13</b>		1.0	"	"	"	"	"	"	
<b>Mercury</b>	<b>0.068</b>		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>290</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>28</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>8.4</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>48</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Topanga Beach**  
**C5C0606-05 (Solid, Sampled: 02/25/25 12:50)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>3.0</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>52</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>2.4</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>7.9</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>31</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>90</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>8.2</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>3.2</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>32</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Will Rogers Beach**  
**C5C0606-06 (Solid, Sampled: 02/25/25 13:20)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>2.6</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>93</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>3.9</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>16</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>17</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>140</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>15</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>5.2</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>26</b>		10	"	"	"	"	"	"	





**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Santa Monica Canyon Rustic Cr Outfall**  
**C5C0606-07 (Solid, Sampled: 02/25/25 13:30)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>13</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>130</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>14</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>30</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>32</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>560</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>34</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>21</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>88</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Montana Ave Storm Drain**  
**C5C0606-08 (Solid, Sampled: 02/27/25 13:40)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.5</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>18</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
Cobalt	ND		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>4.6</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>1.5</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>41</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>3.5</b>		1.0	"	"	"	"	"	"	
Lead	ND		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
Zinc	ND		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Santa Monica Beach**  
**C5C0606-09 (Solid, Sampled: 02/25/25 14:30)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.8</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>12</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>1.2</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>4.9</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>1.6</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>48</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>4.4</b>		1.0	"	"	"	"	"	"	
Lead	ND		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>11</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Santa Monica Beach North of Pier**  
**C5C0606-10 (Solid, Sampled: 02/27/25 14:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.8</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>7.5</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>1.2</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>3.8</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>1.9</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>48</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>5.5</b>		1.0	"	"	"	"	"	"	
Lead	ND		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
Zinc	ND		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Venice Rose Ave Storm Drain**  
**C5C0606-11 (Solid, Sampled: 02/27/25 15:30)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.5</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>8.2</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
Cobalt	ND		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>3.2</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>1.6</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>38</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>3.0</b>		1.0	"	"	"	"	"	"	
Lead	ND		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
Zinc	ND		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Venice Drain**  
**C5C0606-12 (Solid, Sampled: 02/25/25 16:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>1.3</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>5.2</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
Cobalt	ND		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>3.0</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>2.3</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>29</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>3.3</b>		1.0	"	"	"	"	"	"	
Lead	ND		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
Zinc	ND		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Mother's Beach**  
**C5C0606-13 (Solid, Sampled: 02/26/25 09:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>2.0</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>5.6</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>1.9</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>8.7</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>4.5</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>64</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>4.7</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>5.4</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>25</b>		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Dockweiler Beach**  
**C5C0606-14 (Solid, Sampled: 02/26/25 08:30)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>2.5</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>5.9</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>1.8</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>7.9</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>2.4</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>63</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>6.4</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>4.2</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>14</b>		10	"	"	"	"	"	"	





**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Redondo Break**  
**C5C0606-15 (Solid, Sampled: 02/26/25 08:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>2.0</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>5.0</b>		1.0	"	"	"	"	"	"	
Beryllium	ND		1.0	"	"	"	"	"	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>1.3</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>6.9</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>1.3</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>50</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>4.3</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>3.3</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
Zinc	ND		10	"	"	"	"	"	"	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**RAT Beach**  
**C5C0606-16 (Solid, Sampled: 02/26/25 07:00)**

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----	----	-------	----------	-------	----------	----------	--------	-------

**Babcock Laboratories, Inc. - Riverside**

**Metals and Metalloids; EPA SW846 Series**

Silver	ND		1.0	mg/kg	1	5C06083	03/07/25	03/11/25	EPA 6020	
<b>Arsenic</b>	<b>3.0</b>		1.0	"	"	"	"	03/10/25	"	
<b>Barium</b>	<b>2300</b>		5.0	"	5	"	"	03/10/25	"	
Beryllium	ND		1.0	"	1	"	"	03/10/25	"	
Cadmium	ND		1.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>2.4</b>		1.0	"	"	"	"	"	"	
<b>Total Chromium</b>	<b>18</b>		1.0	"	"	"	"	"	"	
<b>Copper</b>	<b>3.5</b>		1.0	"	"	"	"	"	"	
Mercury	ND		0.050	"	"	5C06077	03/06/25	03/07/25	EPA 7471A	
<b>Manganese</b>	<b>170</b>		10	"	"	5C06083	03/07/25	03/10/25	EPA 6020	Nconf
Molybdenum	ND		5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>4.0</b>		1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>6.4</b>		2.0	"	"	"	"	"	"	
Antimony	ND		1.0	"	"	"	"	"	"	
Selenium	ND		5.0	"	"	"	"	"	"	
Thallium	ND		1.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>16</b>		10	"	"	"	"	"	"	



**State Water Resources Control Board - Region 4**  
320 West Fourth Street, Suite 200  
Los Angeles CA, 90013

Project: RWB4\_WildFireResponse\_2025  
Project Number: RWB4 Fire Storm 2025  
Project Manager: John Salguero

**Reported:**  
03/11/25 13:32

**Metals and Metalloids; EPA SW846 Series - Quality Control**  
**Babcock Laboratories, Inc. - Riverside**

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

**Batch 5C06077, Prep Method: EPA 7471A, Analyst: JTR**

<b>Blank (5C06077-BLK1)</b>											
						Prepared: 03/06/25 Analyzed: 03/07/25					
Mercury	ND		0.050	mg/kg							
<b>LCS (5C06077-BS1)</b>											
						Prepared: 03/06/25 Analyzed: 03/07/25					
Mercury	0.199		0.050	mg/kg	0.200		100	77-115			
<b>Matrix Spike (5C06077-MS1)</b>											
						Source: C5C0606-01 Prepared: 03/06/25 Analyzed: 03/07/25					
Mercury	0.210		0.050	mg/kg	0.200	ND	105	22-150			
<b>Matrix Spike Dup (5C06077-MSD1)</b>											
						Source: C5C0606-01 Prepared: 03/06/25 Analyzed: 03/07/25					
Mercury	0.208		0.050	mg/kg	0.199	ND	104	22-150	0.9	25	

**Batch 5C06083, Prep Method: EPA 3050B, Analyst: AJH**

<b>Blank (5C06083-BLK1)</b>											
						Prepared: 03/07/25 Analyzed: 03/10/25					
Antimony	ND		1.0	mg/kg							
Arsenic	ND		1.0	"							
Barium	ND		1.0	"							
Beryllium	ND		1.0	"							
Cadmium	ND		1.0	"							
Total Chromium	ND		1.0	"							
Cobalt	ND		1.0	"							
Copper	ND		1.0	"							
Lead	ND		2.0	"							
Manganese	ND		10	"							
Molybdenum	ND		5.0	"							
Nickel	ND		1.0	"							
Selenium	ND		5.0	"							
Silver	ND		1.0	"							
Thallium	ND		1.0	"							
Zinc	ND		10	"							



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Metals and Metalloids; EPA SW846 Series - Quality Control**  
**Babcock Laboratories, Inc. - Riverside**

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

**Batch 5C06083, Prep Method: EPA 3050B, Analyst: AJH**

**LCS (5C06083-BS1)**

Prepared: 03/07/25 Analyzed: 03/10/25

Antimony	222		1.0	mg/kg	200		111	79-132			
Arsenic	223		1.0	"	200		111	80-127			
Barium	216		1.0	"	200		108	80-120			
Beryllium	216		1.0	"	200		108	79-124			
Cadmium	214		1.0	"	200		107	80-122			
Total Chromium	215		1.0	"	200		107	81-118			
Cobalt	215		1.0	"	200		108	80-124			
Copper	215		1.0	"	200		107	80-117			
Lead	209		2.0	"	200		105	82-124			
Manganese	216		10	"	200		108	84-122			
Molybdenum	212		5.0	"	200		106	82-130			
Nickel	215		1.0	"	200		108	81-117			
Selenium	232		5.0	"	200		116	76-144			
Silver	9.68		1.0	"	10.0		97	20-164			
Thallium	208		1.0	"	200		104	75-118			
Zinc	235		10	"	200		117	75-124			

**Duplicate (5C06083-DUP1)**

Source: C5C0606-01

Prepared: 03/07/25 Analyzed: 03/10/25

Antimony	ND		1.0	mg/kg		ND				20	
Arsenic	1.73		1.0	"		1.79			4	20	
Barium	16.2		1.0	"		14.9			8	20	
Beryllium	ND		1.0	"		ND				20	
Cadmium	ND		1.0	"		ND				20	
Total Chromium	8.03		1.0	"		8.47			5	20	
Cobalt	2.06		1.0	"		2.37			14	20	
Copper	3.33		1.0	"		3.70			10	20	
Lead	2.13		2.0	"		2.21			4	20	
Manganese	79.4		10	"		90.5			13	20	
Molybdenum	ND		5.0	"		ND				20	
Nickel	6.93		1.0	"		7.67			10	20	
Selenium	ND		5.0	"		ND				20	
Silver	ND		1.0	"		ND				20	
Thallium	ND		1.0	"		ND				20	
Zinc	15.7		10	"		15.8			0.8	20	



State Water Resources Control Board - Region 4  
320 West Fourth Street, Suite 200  
Los Angeles CA, 90013

Project: RWB4\_WildFireResponse\_2025  
Project Number: RWB4 Fire Storm 2025  
Project Manager: John Salguero

Reported:  
03/11/25 13:32

**Metals and Metalloids; EPA SW846 Series - Quality Control**  
**Babcock Laboratories, Inc. - Riverside**

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

**Batch 5C06083, Prep Method: EPA 3050B, Analyst: AJH**

<b>Duplicate (5C06083-DUP2)</b>		<b>Source: C5C0606-01</b>			<b>Prepared: 03/07/25 Analyzed: 03/10/25</b>	
Antimony	ND	5.0	mg/kg	ND		20
Arsenic	ND	5.0	"	ND		20
Barium	16.1	5.0	"	14.9	7	20
Beryllium	ND	5.0	"	ND		20
Cadmium	ND	5.0	"	ND		20
Total Chromium	7.71	5.0	"	8.47	9	20
Cobalt	ND	5.0	"	2.37		20
Copper	3.41	5.0	"	3.70	8	20
Lead	2.14	10	"	2.21	3	20
Manganese	78.5	50	"	90.5	14	20
Molybdenum	ND	25	"	ND		20
Nickel	6.77	5.0	"	7.67	12	20
Selenium	ND	25	"	ND		20
Silver	ND	5.0	"	ND		20
Thallium	ND	5.0	"	ND		20
Zinc	ND	50	"	ND		20

<b>Matrix Spike (5C06083-MS1)</b>		<b>Source: C5C0606-01</b>			<b>Prepared: 03/07/25 Analyzed: 03/10/25</b>		
Antimony	141	1.0	mg/kg	199	ND	71	10-156
Arsenic	204	1.0	"	199	1.79	102	77-131
Barium	221	1.0	"	199	14.9	104	61-132
Beryllium	202	1.0	"	199	ND	102	68-128
Cadmium	198	1.0	"	199	ND	100	72-121
Total Chromium	205	1.0	"	199	8.47	99	60-129
Cobalt	199	1.0	"	199	2.37	99	64-128
Copper	197	1.0	"	199	3.70	97	36-141
Lead	200	2.0	"	199	2.21	99	60-126
Manganese	292	10	"	199	90.5	101	63-135
Molybdenum	193	5.0	"	199	ND	97	60-140
Nickel	203	1.0	"	199	7.67	98	60-135
Selenium	218	5.0	"	199	ND	110	73-141
Silver	10.6	1.0	"	9.94	ND	106	10-155
Thallium	160	1.0	"	199	ND	81	57-122
Zinc	229	10	"	199	15.8	107	26-166



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Metals and Metalloids; EPA SW846 Series - Quality Control**

**Babcock Laboratories, Inc. - Riverside**

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

**Batch 5C06083, Prep Method: EPA 3050B, Analyst: AJH**

<b>Matrix Spike Dup (5C06083-MSD1)</b>	<b>Source: C5C0606-01</b>			<b>Prepared: 03/07/25 Analyzed: 03/10/25</b>							
Antimony	147	1.0	mg/kg	198	ND	74	10-156	4	20		
Arsenic	216	1.0	"	198	1.79	108	77-131	6	20		
Barium	240	1.0	"	198	14.9	114	61-132	8	20		
Beryllium	209	1.0	"	198	ND	106	68-128	3	20		
Cadmium	209	1.0	"	198	ND	106	72-121	5	20		
Total Chromium	227	1.0	"	198	8.47	110	60-129	10	20		
Cobalt	218	1.0	"	198	2.37	109	64-128	9	20		
Copper	214	1.0	"	198	3.70	106	36-141	8	20		
Lead	207	2.0	"	198	2.21	104	60-126	4	20		
Manganese	330	10	"	198	90.5	121	63-135	12	20		
Molybdenum	209	5.0	"	198	ND	106	60-140	8	20		
Nickel	224	1.0	"	198	7.67	109	60-135	10	20		
Selenium	227	5.0	"	198	ND	115	73-141	4	20		
Silver	9.40	1.0	"	198	9.90	95	10-155	12	20		
Thallium	166	1.0	"	198	ND	84	57-122	4	20		
Zinc	250	10	"	198	15.8	118	26-166	9	20		



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
 Project Number: RWB4 Fire Storm 2025  
 Project Manager: John Salguero

**Reported:**  
 03/11/25 13:32

**Notes and Definitions**

Nconf Result(s) confirmed by re-analysis.

---

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the Reporting Limit (or Method Detection Limit when listed)

NR Not Reported

Dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

**Babcock Laboratories, Inc. - Riverside**  
**6100 Quail Valley Court**  
**Riverside, CA 92507-0704**  
**(951) 653-3351**

**State Water Resources Control Board - Region 4**  
**320 West Fourth Street, Suite 200**  
**Los Angeles CA, 90013**

Project: RWB4\_WildFireResponse\_2025  
Project Number: RWB4 Fire Storm 2025  
Project Manager: John Salguero

**Reported:**  
03/11/25 13:32

**Babcock Laboratories, Inc. - Riverside - Certification(s) List**

Cert. ID	Description	Cert. Number	Expires
----------	-------------	--------------	---------



SWAMP REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY (COC) RECORD

<b>Chain of Custody</b> Event: WQ Region: 4 Protocol Code: MPSTL-DFW_Field_v*.1 Agency: MPSTL-DFW	Project ID: RWB4_Fire_Storm_2025 Season: winter Date: Feb_2025	Project Liaison: Phone: email:	Project Lead: Emily Duncan Phone: (213) 576-6679 email: emily.duncan@waterboards.ca.gov Field Contact: Billy Jaki Phone: (831) 236-3337 email: william.jaki@sjsu.edu
---	--	--------------------------------------	---

Lab Identification number	StationCode	Sample Date	Sample Time	Replicate	Location Code	Method Code	Sample Type Code	CollectionDepth	Salinity (ppt) EC	Field Preparation Preservation	Sed Metals 1
								wat (m) sed (cm) integrated (-88)			60ml glass
	Malibu Surfrider Beach	2/25/2025	11:00	2	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Zuma Beach	2/25/2024	10:30	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Malibu Surfrider Beach	2/25/2025	11:00	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Topanga Lagoon	2/25/2025	12:30	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Topanga Beach	2/25/2025	12:50	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Will Rogers Beach	2/25/2025	13:20	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Santa Monica Canycn Rustic Cr outfall	2/25/2025	13:30	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Montana Ave storm drain	2/27/2025	13:40	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Santa Monica Beach	2/25/2025	14:30	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Santa Monica Beach north of pier	2/27/2025	14:00	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Venice Rose ave Storm drain	2/27/2025	15:30	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Venice Beach	2/25/2025	16:00	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Mother's Beach	2/26/2025	9:00	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Dockweiler Beach	2/26/2025	8:30	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	Redondo Break	2/26/2025	8:00	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
	RAT Beach	2/26/2025	7:00	1	Bank	Sed_Grab	integrated	2cm	-88	ice	1
										<b>TOTAL</b>	16

**Comments:**

metals: CAM17 + Mn per client  
 JLH 3/5/2025

1 = Full suite (Sediments)

On ice  YES  NO  
 Samples intact  YES  NO  
 TG: 72  
 TAG: 15

<b>Samples Relinquished by:</b> Name (Print and Sign) Billy Jaki Fedex	Date & Time 2/27/2025	<b>Samples Received by:</b> Name (Print and Sign) Fedex BJ	3/5/24 900
---	--------------------------	---	------------

