



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

07 February 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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Lab ID	Matrix	Station Code	Location Code	Sampled	Received
DPH 105B	C5A3038-01	Sample Water	N/A	N/A	01/27/25 09:10	01/27/25 18:01
SMP 2-7	C5A3038-02	Sample Water	N/A	N/A	01/27/25 09:33	01/27/25 18:01
DPH 103	C5A3038-03	Sample Water	N/A	N/A	01/27/25 11:30	01/27/25 18:01
SMB 1-16	C5A3038-04	Sample Water	N/A	N/A	01/27/25 10:11	01/27/25 18:01
SMP 2-10	C5A3038-05	Sample Water	N/A	N/A	01/27/25 07:30	01/27/25 18:01
DPH 107B	C5A3038-06	Sample Water	N/A	N/A	01/27/25 08:33	01/27/25 18:01
SMB 3-4	C5A3038-07	Sample Water	N/A	N/A	01/27/25 08:52	01/27/25 18:01
DPH 108	C5A3038-08	Sample Water	N/A	N/A	01/27/25 08:15	01/27/25 18:01
SMB 2-4	C5A3038-09	Sample Water	N/A	N/A	01/27/25 11:07	01/27/25 18:01
SMB 1-18	C5A3038-10	Sample Water	N/A	N/A	01/27/25 10:32	01/27/25 18:01
SMB 1-14	C5A3038-11	Sample Water	N/A	N/A	01/27/25 09:13	01/27/25 18:01
DPH 001	C5A3038-12	Sample Water	N/A	N/A	01/27/25 09:46	01/27/25 18:01



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 105B
C5A3038-01 (Liquid, Sampled: 01/27/25 09:10)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	430	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	7000		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1400	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1100	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	12	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Nitrate/Nitrite as N	0.031	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2800	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5A29162	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	5	0.5	0.5	"	1	5A29101	01/29/25	01/29/25	SM 2540D	NRPDo
Aggregate Organic Compounds										
Total Organic Carbon	1.0		0.70	mg/L	1	5A28145	01/28/25	01/28/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.03	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.02	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	J
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 105B
C5A3038-01 (Liquid, Sampled: 01/27/25 09:10)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Aluminum-Dissolved	560	160	490	"	1	5B04167	02/04/25	02/04/25	"	
Arsenic	7.2	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	ND	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.11	0.20	"	"	5A31080	01/31/25	02/03/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	
Manganese	ND	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 105B
C5A3038-01 (Liquid, Sampled: 01/27/25 09:10)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			68 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	01/31/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			58 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMP 2-7
C5A3038-02 (Liquid, Sampled: 01/27/25 09:33)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	390	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1200	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	140	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	140	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	2.5	4.0	mg/L	20	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.30	0.038	0.10	"	10	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2500	7.2	10	"	20	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	32000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	160	2	2	"	5	5A29101	01/29/25	01/29/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	5.6		0.70	mg/L	1	5A28145	01/28/25	01/28/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.1	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.31	1.0	"	20	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.24	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	1.4	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	
Total Nitrogen (N)	1.7	0.96	1.1	"	10	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMP 2-7
C5A3038-02 (Liquid, Sampled: 01/27/25 09:33)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	3100	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Aluminum-Dissolved	250	160	490	"	1	5B04167	02/04/25	02/04/25	"	J
Arsenic	8.2	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	4400	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31080	01/31/25	02/03/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	
Manganese	210	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	
Manganese-Dissolved	74	13	40	"	1	5A29096	01/30/25	01/30/25	"	
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	110	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	100	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMP 2-7
C5A3038-02 (Liquid, Sampled: 01/27/25 09:33)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			39 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	0.02	0.02	0.05	"	"	"	"	"	"	J
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			29 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 103
C5A3038-03 (Liquid, Sampled: 01/27/25 11:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	420	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6700		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1400	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.037	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	0.1	0.1	0.1	mL/L	1.02	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	34	2	2	"	3.33333	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	2.8		0.70	mg/L	1	5A28145	01/28/25	01/28/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.08	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.12	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 103
C5A3038-03 (Liquid, Sampled: 01/27/25 11:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	1700	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Aluminum-Dissolved	590	160	490	"	1	5B04167	02/04/25	02/04/25	"	
Arsenic	8.3	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	7.2	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	J, N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	2400	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31080	01/31/25	02/03/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	
Manganese	110	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	
Manganese-Dissolved	36	13	40	"	1	5A29096	01/30/25	01/30/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 103
C5A3038-03 (Liquid, Sampled: 01/27/25 11:30)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			43 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			27 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-16
C5A3038-04 (Liquid, Sampled: 01/27/25 10:11)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	410	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6600		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.015	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2800	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	19	0.7	0.7	"	1.33333	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.2		0.70	mg/L	1	5A28145	01/28/25	01/28/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 HG	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.04	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	J
Kjeldahl Nitrogen	1.2	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	
Total Nitrogen (N)	1.2	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
 Project Number: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

SMB 1-16
C5A3038-04 (Liquid, Sampled: 01/27/25 10:11)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	600	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Aluminum-Dissolved	ND	160	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Arsenic	7.8	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	730	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31080	01/31/25	02/03/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	
Manganese	27	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-16
C5A3038-04 (Liquid, Sampled: 01/27/25 10:11)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			61 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			31 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMP 2-10
C5A3038-05 (Liquid, Sampled: 01/27/25 07:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	400	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6400		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1400	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.042	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2600	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	35000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	16	0.5	0.5	"	1	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.1		0.70	mg/L	1	5A28145	01/28/25	01/28/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.03	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	J
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMP 2-10
C5A3038-05 (Liquid, Sampled: 01/27/25 07:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Aluminum-Dissolved	470	160	490	"	1	5B04167	02/04/25	02/04/25	"	J
Arsenic	7.2	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	ND	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31080	01/31/25	02/03/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	
Manganese	ND	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	130	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMP 2-10
C5A3038-05 (Liquid, Sampled: 01/27/25 07:30)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			58 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			28 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 107B
C5A3038-06 (Liquid, Sampled: 01/27/25 08:33)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	400	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6400		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.039	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	9	0.5	0.5	"	1	5A30120	01/30/25	01/30/25	SM 2540D	Nconf, NRPDo
Aggregate Organic Compounds										
Total Organic Carbon	1.2		0.70	mg/L	1	5A28145	01/28/25	01/28/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.04	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	J
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 107B
C5A3038-06 (Liquid, Sampled: 01/27/25 08:33)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Aluminum-Dissolved	240	160	490	"	1	5B04167	02/04/25	02/04/25	"	J
Arsenic	7.2	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	7.2	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	J, N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	ND	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31080	01/31/25	02/03/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	
Manganese	ND	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
 Project Number: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

DPH 107B
C5A3038-06 (Liquid, Sampled: 01/27/25 08:33)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

52 % 5-134 " " " "

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	

Surrogate: Anthracene-d10

17 % 10-162 " " " "



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 3-4
C5A3038-07 (Liquid, Sampled: 01/27/25 08:52)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	380	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6100		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1200	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1200	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.15	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2500	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	32000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	12	0.5	0.5	"	1	5A30120	01/30/25	01/30/25	SM 2540D	Nconf, NRPDo
Aggregate Organic Compounds										
Total Organic Carbon	2.0		0.70	mg/L	1	5A28145	01/29/25	01/29/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.06	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.07	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 3-4
C5A3038-07 (Liquid, Sampled: 01/27/25 08:52)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Aluminum-Dissolved	300	160	490	"	1	5B04167	02/04/25	02/04/25	"	J
Arsenic	7.7	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	ND	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31081	01/31/25	02/03/25	SM 3112B	NLOhND
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	NLOhND
Manganese	ND	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	110	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 3-4
C5A3038-07 (Liquid, Sampled: 01/27/25 08:52)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			64 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			9 %	10-162	"	"	"	"	"	NSint



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 108
C5A3038-08 (Liquid, Sampled: 01/27/25 08:15)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	410	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6600		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.038	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2800	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	5	0.5	0.5	"	1	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.0		0.70	mg/L	1	5A28145	01/29/25	01/29/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.02	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	J
Kjeldahl Nitrogen	1.0	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	1.0	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 108
C5A3038-08 (Liquid, Sampled: 01/27/25 08:15)

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

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Aluminum	ND	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Aluminum-Dissolved	610	160	490	"	1	5B04167	02/04/25	02/04/25	"	
Arsenic	7.7	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	ND	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31081	01/31/25	02/03/25	SM 3112B	NLOhND
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	NLOhND
Manganese	ND	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 108
C5A3038-08 (Liquid, Sampled: 01/27/25 08:15)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			46 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			37 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 2-4
C5A3038-09 (Liquid, Sampled: 01/27/25 11:07)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	410	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6500		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	140	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	140	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.058	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2600	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	0.1	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	33000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	46	1	1	"	2	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	2.2		0.70	mg/L	1	5A28145	01/29/25	01/29/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.06	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.13	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	1.1	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	
Total Nitrogen (N)	1.2	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 2-4
C5A3038-09 (Liquid, Sampled: 01/27/25 11:07)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	2100	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Aluminum-Dissolved	570	160	490	"	1	5B04167	02/04/25	02/04/25	"	
Arsenic	8.2	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	3100	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31081	01/31/25	02/03/25	SM 3112B	NLOhND
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	NLOhND
Manganese	140	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	
Manganese-Dissolved	48	13	40	"	1	5A29096	01/30/25	01/30/25	"	
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	20	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 2-4
C5A3038-09 (Liquid, Sampled: 01/27/25 11:07)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			30 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			15 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-18
C5A3038-10 (Liquid, Sampled: 01/27/25 10:32)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	410	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6600		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1300	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.014	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	35000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	140	2	2	"	5	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	2.4		0.70	mg/L	1	5A28145	01/29/25	01/29/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.07	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.26	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	2.1	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	
Total Nitrogen (N)	2.2	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-18
C5A3038-10 (Liquid, Sampled: 01/27/25 10:32)

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

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Aluminum	5200	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Aluminum-Dissolved	590	160	490	"	1	5B04167	02/04/25	02/04/25	"	
Arsenic	9.6	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	22	13	40	"	4	5A28160	01/28/25	01/30/25	"	J, N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	6900	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31081	01/31/25	02/03/25	SM 3112B	NLOhND
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	NLOhND
Manganese	220	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	
Manganese-Dissolved	36	13	40	"	1	5A29096	01/30/25	01/30/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	120	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	28	20	40	"	4	5A28160	01/28/25	01/30/25	"	J, N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-18
C5A3038-10 (Liquid, Sampled: 01/27/25 10:32)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			17 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/03/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	0.02	0.02	0.05	"	"	"	"	"	"	J
Phenanthrene	0.02	0.02	0.05	"	"	"	"	"	"	J
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			27 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-14
C5A3038-11 (Liquid, Sampled: 01/27/25 09:13)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Magnesium-Dissolved	1400	3.2	9.7	mg/L	1	5B04167	02/04/25	02/04/25	EPA 200.7	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.024	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	37	1	1	"	2	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.7		0.70	mg/L	1	5A28145	01/29/25	01/29/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.19	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	1.0	0.9	1.0	"	"	5A30111	01/31/25	02/03/25	EPA 351.2	
Total Nitrogen (N)	1.1	0.93	1.0	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

SMB 1-14
C5A3038-11 (Liquid, Sampled: 01/27/25 09:13)

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

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Aluminum	1500	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Aluminum-Dissolved	270	160	490	"	1	5B04167	02/04/25	02/04/25	"	J
Arsenic	ND	8.8	25	"	5	5A30078	01/30/25	01/31/25	EPA 200.8	N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Cadmium	ND	1.2	5.0	"	5	5A30078	01/30/25	01/31/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	20	100	"	5	5A30078	01/30/25	01/31/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	ND	17	50	"	5	5A30078	01/30/25	01/31/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron-Dissolved	ND	250	490	"	"	5B04167	02/04/25	02/04/25	EPA 200.7	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31081	01/31/25	02/03/25	SM 3112B	NLOhND
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	NLOhND
Manganese	39	17	50	"	5	5A30078	01/30/25	01/31/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	17	50	"	5	5A30078	01/30/25	01/31/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	17	50	"	5	5A30078	01/30/25	01/31/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	180	8.4	25	"	5	5A30078	01/30/25	01/31/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	ND	25	50	"	5	5A30078	01/30/25	01/31/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 36 % 5-134 " " " "



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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

SMB 1-14
C5A3038-11 (Liquid, Sampled: 01/27/25 09:13)

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

Babcock Laboratories, Inc. - Riverside

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/04/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	"
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	"
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	"
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	"
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	"
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	"
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	"
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	"
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	"
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	"
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	"
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	"
Surrogate: Anthracene-d10			22 %	10-162		"	"	"	"	"



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 001
C5A3038-12 (Liquid, Sampled: 01/27/25 09:46)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	420	3.3	10	mg/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Total Hardness	6700		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1400	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B04167	02/04/25	02/04/25	"	
Anions										
Bicarbonate	130	5.0	5.0	mg/L as CaCO3	1	5B03169	02/03/25	02/03/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	130	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Nitrate/Nitrite as N	0.019	0.0038	0.010	"	1	5A29161	01/29/25	01/29/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5A28165	01/28/25	01/28/25	SM 2540F	
Total Dissolved Solids	35000	500	500	mg/L	50	5A28220	01/29/25	01/29/25	SM 2540C	
Total Suspended Solids	17	0.5	0.5	"	1	5A30120	01/30/25	01/30/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	0.99		0.70	mg/L	1	5A28145	01/29/25	01/29/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.03	0.005	0.01	mg/L	1	5B03202	02/03/25	02/03/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND	0.78	2.5	"	50	5A27217	01/28/25	01/28/25	EPA 300.0	N_RLm
Phosphorus, Total as P	0.05	0.02	0.05	"	1	5A28192	01/28/25	01/28/25	SM 4500P B E	
Kjeldahl Nitrogen	ND	0.09	0.1	"	"	5A30113	01/31/25	02/03/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.096	0.11	"	"	[CALC]	"	"	Calculation	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 001
C5A3038-12 (Liquid, Sampled: 01/27/25 09:46)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	420	170	500	ug/L	10	5A28182	01/28/25	01/30/25	EPA 200.7	J
Aluminum-Dissolved	360	160	490	"	1	5B04167	02/04/25	02/04/25	"	J
Arsenic	8.4	7.1	20	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	7.6	7.1	20	"	1	5A29096	01/30/25	01/30/25	"	J, N_RLm
Cadmium	ND	0.99	4.0	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Copper	22	13	40	"	4	5A28160	01/28/25	01/30/25	"	J, N_RLm
Copper-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Iron	500	260	500	"	10	5A28182	01/28/25	01/30/25	EPA 200.7	
Iron-Dissolved	ND	250	490	"	1	5B04167	02/04/25	02/04/25	"	N_RLm
Mercury	ND	0.56	1.0	"	"	5A31081	01/31/25	02/03/25	SM 3112B	NLOhND
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	02/03/25	"	NLOhND
Manganese	19	13	40	"	4	5A28160	01/28/25	01/30/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Nickel	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Lead	ND	13	40	"	4	5A28160	01/28/25	01/30/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm
Selenium	110	6.7	20	"	4	5A28160	01/28/25	01/30/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5A29096	01/30/25	01/30/25	"	
Zinc	23	20	40	"	4	5A28160	01/28/25	01/30/25	"	J, N_RLm
Zinc-Dissolved	ND	20	40	"	1	5A29096	01/30/25	01/30/25	"	N_RLm



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

DPH 001
C5A3038-12 (Liquid, Sampled: 01/27/25 09:46)

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

Babcock Laboratories, Inc. - Riverside

Organochlorine Pesticides and PCBs by EPA 8000 Series

Aroclor 1016	ND	0.22	1.0	ug/L	1	5A30099	01/30/25	02/05/25	EPA 8082	
Aroclor 1221	ND	0.30	1.0	"	"	"	"	"	"	
Aroclor 1232	ND	0.81	1.0	"	"	"	"	"	"	
Aroclor 1242	ND	0.70	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	0.48	1.0	"	"	"	"	"	"	
Aroclor 1254	ND	0.73	2.0	"	"	"	"	"	"	
Aroclor 1260	ND	0.15	1.0	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>			53 %	5-134	"	"	"	"	"	

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5A31119	02/01/25	02/04/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
<i>Surrogate: Anthracene-d10</i>			48 %	10-162	"	"	"	"	"	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Cations - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A28182, Prep Method: EPA 200.2, Analyst: MGA

Blank (5A28182-BLK1) Prepared: 01/28/25 Analyzed: 01/30/25

Calcium	ND	0.33	1.0	mg/L							
Magnesium	ND	0.33	1.0	"							

LCS (5A28182-BS1) Prepared: 01/28/25 Analyzed: 01/30/25

Calcium	17.2	0.33	1.0	mg/L	17.0		101	85-115			
Magnesium	17.3	0.33	1.0	"	17.0		102	85-115			

Duplicate (5A28182-DUP1) Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25

Total Hardness	29.1		10	mg/L		29.0			0.3	20	
Calcium	6.56	3.3	10	"		6.68			2	20	J
Magnesium	ND	3.3	10	"		ND				20	

Matrix Spike (5A28182-MS1) Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25

Calcium	24.2	3.3	10	mg/L	17.0	6.68	103	70-130			
Magnesium	20.2	3.3	10	"	17.0	ND	119	70-130			

Matrix Spike Dup (5A28182-MSD1) Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25

Calcium	24.7	3.3	10	mg/L	17.0	6.68	106	70-130	2	20	
Magnesium	20.6	3.3	10	"	17.0	ND	121	70-130	2	20	

Batch 5B04167, Prep Method: 200.7/ No Digest, Analyst: MGA

Blank (5B04167-BLK1) Prepared & Analyzed: 02/04/25

Magnesium-Dissolved	ND	0.33	1.0	mg/L							
---------------------	----	------	-----	------	--	--	--	--	--	--	--

LCS (5B04167-BS1) Prepared & Analyzed: 02/04/25

Magnesium-Dissolved	16.6	0.33	1.0	mg/L	16.4		101	85-115			
---------------------	------	------	-----	------	------	--	-----	--------	--	--	--



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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Cations - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5B04167, Prep Method: 200.7/ No Digest, Analyst: MGA

Matrix Spike (5B04167-MS1)		Source: C5A3038-01			Prepared & Analyzed: 02/04/25						
Magnesium-Dissolved	1430	3.4	10	mg/L	164	1070	219	70-130			QMdil
Matrix Spike Dup (5B04167-MSD1)		Source: C5A3038-01			Prepared & Analyzed: 02/04/25						
Magnesium-Dissolved	1480	3.4	10	mg/L	164	1070	250	70-130	3	20	QMdil



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Anions - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A27217, Prep Method: N/A, Analyst: VMV

Blank (5A27217-BLK1)											
											Prepared & Analyzed: 01/28/25
Sulfate	ND	0.36	0.50	mg/L							
Nitrate as N	ND	0.12	0.20	"							

LCS (5A27217-BS1)											
											Prepared & Analyzed: 01/28/25
Sulfate	25.1	0.36	0.50	mg/L	25.0		100	90-110			
Nitrate as N	5.50	0.12	0.20	"	5.65		97	90-110			

Duplicate (5A27217-DUP1)											
				Source: C5A3038-01		Prepared & Analyzed: 01/28/25					
Sulfate	2680	18	25	mg/L	2750				3	25	
Nitrate as N	6.73	6.2	10	"	12.2				58	20	QRPDI, J

Matrix Spike (5A27217-MS1)											
				Source: C5A3038-01		Prepared & Analyzed: 01/28/25					
Sulfate	3940	19	26	mg/L	1250	2750	95	80-120			
Nitrate as N	270	6.6	10	"	282	12.2	91	80-120			

Matrix Spike (5A27217-MS2)											
				Source: C5A2601-12RE2		Prepared & Analyzed: 01/28/25					
Sulfate	5190	38	52	mg/L	2500	2620	103	80-120			
Nitrate as N	539	13	21	"	565	14.8	93	80-120			

Matrix Spike Dup (5A27217-MSD1)											
				Source: C5A3038-01		Prepared & Analyzed: 01/28/25					
Sulfate	3960	19	26	mg/L	1250	2750	96	80-120	0.5	25	
Nitrate as N	270	6.6	10	"	282	12.2	91	80-120	0.05	25	

Batch 5A29122, Prep Method: N/A, Analyst: GMB

Blank (5A29122-BLK1)											
											Prepared & Analyzed: 01/31/25
Total Alkalinity	ND	5.0	5.0	mg/L as CaCO3							
Hydroxide	ND	5.0	5.0	"							
Carbonate	ND	5.0	5.0	"							
Bicarbonate	ND	5.0	5.0	"							



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Anions - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A29122, Prep Method: N/A, Analyst: GMB

LCS (5A29122-BS3)		Prepared & Analyzed: 01/31/25									
Total Alkalinity	1130	5.0	5.0	mg/L as CaCO3	1250		91	90-110			
Carbonate	1040	5.0	5.0	"	1250		83	90-110			QLout

Duplicate (5A29122-DUP1)		Source: C5A2629-01RE1		Prepared & Analyzed: 01/31/25							
Total Alkalinity	48.0	5.0	5.0	mg/L as CaCO3		46.8			3	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	48.0	5.0	5.0	"		46.8			3	25	

Duplicate (5A29122-DUP2)		Source: C5A3038-01		Prepared & Analyzed: 01/31/25							
Total Alkalinity	117	5.0	5.0	mg/L as CaCO3		121			4	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	117	5.0	5.0	"		121			4	25	

Matrix Spike (5A29122-MS1)		Source: C5A3038-01		Prepared & Analyzed: 01/31/25							
Total Alkalinity	477	5.0	5.0	mg/L as CaCO3	1250	121	28	80-120			QFpas, QMout

Matrix Spike Dup (5A29122-MSD1)		Source: C5A3038-01		Prepared & Analyzed: 01/31/25							
Total Alkalinity	477	5.0	5.0	mg/L as CaCO3	1250	121	28	80-120	0.02	25	QFpas, QMout

Batch 5A29161, Prep Method: N/A, Analyst: TRS

Blank (5A29161-BLK1)		Prepared & Analyzed: 01/29/25									
Nitrate/Nitrite as N	ND	0.0038	0.010	mg/L							

LCS (5A29161-BS1)		Prepared & Analyzed: 01/29/25									
Nitrate/Nitrite as N	0.502	0.0038	0.010	mg/L	0.500		100	90-110			



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Anions - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A29161, Prep Method: N/A, Analyst: TRS

Duplicate (5A29161-DUP1)		Source: C5A3038-01			Prepared & Analyzed: 01/29/25						
Nitrate/Nitrite as N	0.0320	0.0038	0.010	mg/L		0.0310			3	20	
Matrix Spike (5A29161-MS1)		Source: C5A3038-01			Prepared & Analyzed: 01/29/25						
Nitrate/Nitrite as N	0.487	0.0038	0.010	mg/L	0.500	0.0310	91	90-110			
Matrix Spike (5A29161-MS2)		Source: C5A3038-03			Prepared & Analyzed: 01/29/25						
Nitrate/Nitrite as N	0.490	0.0038	0.010	mg/L	0.500	0.0370	91	90-110			
Matrix Spike Dup (5A29161-MSD1)		Source: C5A3038-01			Prepared & Analyzed: 01/29/25						
Nitrate/Nitrite as N	0.505	0.0038	0.010	mg/L	0.500	0.0310	95	90-110	4	20	

Batch 5B03169, Prep Method: N/A, Analyst: GMB

Blank (5B03169-BLK1)		Prepared & Analyzed: 02/03/25									
Total Alkalinity	ND	5.0	5.0	mg/L as CaCO3							
Hydroxide	ND	5.0	5.0	"							
Carbonate	ND	5.0	5.0	"							
Bicarbonate	ND	5.0	5.0	"							
LCS (5B03169-BS3)		Prepared & Analyzed: 02/03/25									
Total Alkalinity	1240	5.0	5.0	mg/L as CaCO3	1250		99	90-110			
Carbonate	1210	5.0	5.0	"	1250		97	90-110			
Duplicate (5B03169-DUP1)		Source: C5A3038-01RE1			Prepared & Analyzed: 02/03/25						
Total Alkalinity	123	5.0	5.0	mg/L as CaCO3		128			4	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	123	5.0	5.0	"		128			4	25	



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

Project: RWB4_WildFireResponse_2025
 Project Number: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Anions - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5B03169, Prep Method: N/A, Analyst: GMB

Duplicate (5B03169-DUP2)		Source: C5A3376-01				Prepared & Analyzed: 02/03/25					
Total Alkalinity	197	5.0	5.0	mg/L as CaCO3		190			3	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	197	5.0	5.0	"		190			3	25	

Matrix Spike (5B03169-MS1)		Source: C5A3038-01RE1				Prepared & Analyzed: 02/03/25					
Total Alkalinity	1380	5.0	5.0	mg/L as CaCO3	1250	128	100	80-120			

Matrix Spike Dup (5B03169-MSD1)		Source: C5A3038-01RE1				Prepared & Analyzed: 02/03/25					
Total Alkalinity	1360	5.0	5.0	mg/L as CaCO3	1250	128	98	80-120	2	25	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

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

Batch 5A28165, Prep Method: N/A, Analyst: JXM

Duplicate (5A28165-DUP1)		Source: C5A3038-01			Prepared & Analyzed: 01/28/25						
Settleable Solids	ND	0.1	0.1	mL/L		ND				20	
Duplicate (5A28165-DUP2)		Source: C5A3038-07			Prepared & Analyzed: 01/28/25						
Settleable Solids	ND	0.1	0.1	mL/L		ND				20	

Batch 5A28220, Prep Method: N/A, Analyst: EZP

Blank (5A28220-BLK1)		Prepared & Analyzed: 01/29/25									
Total Dissolved Solids	ND	10	10	mg/L							
LCS (5A28220-BS1)		Prepared & Analyzed: 01/29/25									
Total Dissolved Solids	741	10	10	mg/L	746		99	90-110			
Duplicate (5A28220-DUP1)		Source: C5A3038-03			Prepared & Analyzed: 01/29/25						
Total Dissolved Solids	34600	500	500	mg/L		34300			0.9	25	
Duplicate (5A28220-DUP2)		Source: C5A3162-03			Prepared & Analyzed: 01/29/25						
Total Dissolved Solids	617	10	10	mg/L		601			3	25	

Batch 5A29101, Prep Method: N/A, Analyst: VMV

Blank (5A29101-BLK1)		Prepared & Analyzed: 01/29/25									
Total Suspended Solids	ND	0.5	0.5	mg/L							
LCS (5A29101-BS1)		Prepared & Analyzed: 01/29/25									
Total Suspended Solids	483	5	5	mg/L	500		97	0-200			



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

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

Batch 5A29101, Prep Method: N/A, Analyst: VMV

Duplicate (5A29101-DUP1)		Source: C5A2672-01			Prepared & Analyzed: 01/29/25						
Total Suspended Solids	242	10	10	mg/L		250			3	25	
Duplicate (5A29101-DUP2)		Source: C5A3038-01			Prepared & Analyzed: 01/29/25						
Total Suspended Solids	15.1	0.5	0.5	mg/L		4.90			102	25	QFin, QRPD0

Batch 5A29162, Prep Method: N/A, Analyst: EZP

Blank (5A29162-BLK1)		Prepared & Analyzed: 01/29/25									
Total Dissolved Solids	ND	10	10	mg/L							
LCS (5A29162-BS1)		Prepared & Analyzed: 01/29/25									
Total Dissolved Solids	732	10	10	mg/L	746		98	90-110			
Duplicate (5A29162-DUP1)		Source: C5A3038-01			Prepared & Analyzed: 01/29/25						
Total Dissolved Solids	34700	500	500	mg/L		33800			3	25	
Duplicate (5A29162-DUP2)		Source: C5A3109-08			Prepared & Analyzed: 01/29/25						
Total Dissolved Solids	160	10	10	mg/L		168			5	25	

Batch 5A30120, Prep Method: N/A, Analyst: CLP

Blank (5A30120-BLK1)		Prepared & Analyzed: 01/30/25									
Total Suspended Solids	ND	0.5	0.5	mg/L							
LCS (5A30120-BS1)		Prepared & Analyzed: 01/30/25									
Total Suspended Solids	501	5	5	mg/L	500		100	0-200			



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Solids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A30120, Prep Method: N/A, Analyst: CLP

Duplicate (5A30120-DUP1)		Source: C5A3038-06			Prepared & Analyzed: 01/30/25						
Total Suspended Solids	15.6	0.5	0.5	mg/L		9.00			54	25	QFinI, QRPDo

Duplicate (5A30120-DUP2)		Source: C5A3038-07			Prepared & Analyzed: 01/30/25						
Total Suspended Solids	19.2	0.5	0.5	mg/L		12.1			45	25	QFinI, QRPDo

Batch 5B03213, Prep Method: N/A, Analyst: CLP

Blank (5B03213-BLK1)		Prepared & Analyzed: 02/03/25									
Total Suspended Solids	ND	0.5	0.5	mg/L							

LCS (5B03213-BS1)		Prepared & Analyzed: 02/03/25									
Total Suspended Solids	431	5	5	mg/L	500		86	0-200			

Duplicate (5B03213-DUP1)		Source: C5A3038-01RE1			Prepared & Analyzed: 02/03/25						
Total Suspended Solids	4.00	0.5	0.5	mg/L		14.6			114	25	QRPDo

Duplicate (5B03213-DUP2)		Source: C5A3296-01			Prepared & Analyzed: 02/03/25						
Total Suspended Solids	318	10	10	mg/L		354			11	25	QRPDo

Batch 5B05080, Prep Method: N/A, Analyst: PBS

Blank (5B05080-BLK1)		Prepared & Analyzed: 02/05/25									
Total Suspended Solids	ND	0.5	0.5	mg/L							

LCS (5B05080-BS1)		Prepared & Analyzed: 02/05/25									
Total Suspended Solids	498	5	5	mg/L	500		100	0-200			



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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

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

Batch 5B05080, Prep Method: N/A, Analyst: PBS

Duplicate (5B05080-DUP1)		Source: C5A3038-06RE1		Prepared & Analyzed: 02/05/25							
Total Suspended Solids	8.20	0.5	0.5	mg/L		12.7			43	25	QRPD0
Duplicate (5B05080-DUP2)		Source: C5A3038-07RE1		Prepared & Analyzed: 02/05/25							
Total Suspended Solids	13.5	0.5	0.5	mg/L		4.70			97	25	QRPD0



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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Aggregate Organic Compounds - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A28145, Prep Method: Acid Digest., Analyst: GMB

Blank (5A28145-BLK1)					Prepared & Analyzed: 01/28/25						
Total Organic Carbon	ND		0.70	mg/L							
LCS (5A28145-BS1)					Prepared & Analyzed: 01/28/25						
Total Organic Carbon	5.00		0.70	mg/L	5.00		100	80-120			
Duplicate (5A28145-DUP1)					Source: C5A3038-01 Prepared & Analyzed: 01/28/25						
Total Organic Carbon	0.990		0.70	mg/L		1.04			5	25	
Matrix Spike (5A28145-MS1)					Source: C5A3038-01 Prepared & Analyzed: 01/28/25						
Total Organic Carbon	6.09		0.70	mg/L	5.00	1.04	101	80-120			
Matrix Spike Dup (5A28145-MSD1)					Source: C5A3038-01 Prepared & Analyzed: 01/28/25						
Total Organic Carbon	6.08		0.70	mg/L	5.00	1.04	101	80-120	0.2	25	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Nutrients - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A27217, Prep Method: N/A, Analyst: VMV

Blank (5A27217-BLK1)					Prepared & Analyzed: 01/28/25						
Ortho Phosphate Phosphorus	ND	0.016	0.050	mg/L							
LCS (5A27217-BS1)					Prepared & Analyzed: 01/28/25						
Ortho Phosphate Phosphorus	1.25	0.016	0.050	mg/L	1.25		100	90-110			
Duplicate (5A27217-DUP1)					Source: C5A3038-01 Prepared & Analyzed: 01/28/25						
Ortho Phosphate Phosphorus	ND	0.016	0.050	mg/L		ND				25	
Matrix Spike (5A27217-MS1)					Source: C5A3038-01 Prepared & Analyzed: 01/28/25						
Ortho Phosphate Phosphorus	49.2	0.016	0.050	mg/L	62.5	ND	79	80-120			QMS(D)
Matrix Spike (5A27217-MS2)					Source: C5A2601-12RE2 Prepared & Analyzed: 01/28/25						
Ortho Phosphate Phosphorus	116	0.016	0.050	mg/L	125	2.30	91	80-120			
Matrix Spike Dup (5A27217-MSD1)					Source: C5A3038-01 Prepared & Analyzed: 01/28/25						
Ortho Phosphate Phosphorus	50.8	0.016	0.050	mg/L	62.5	ND	81	80-120	3	25	

Batch 5A28192, Prep Method: Total Phos - Acid Digest, Analyst: BXR

Blank (5A28192-BLK1)					Prepared & Analyzed: 01/28/25						
Phosphorus, Total as P	ND	0.02	0.05	mg/L							
LCS (5A28192-BS1)					Prepared & Analyzed: 01/28/25						
Phosphorus, Total as P	0.245	0.02	0.05	mg/L	0.250		98	90-110			
Duplicate (5A28192-DUP1)					Source: C5A3038-12 Prepared & Analyzed: 01/28/25						
Phosphorus, Total as P	0.0521	0.02	0.05	mg/L		0.0477			9	25	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Nutrients - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A28192, Prep Method: Total Phos - Acid Digest, Analyst: BXR

Matrix Spike (5A28192-MS1)		Source: C5A3038-12			Prepared & Analyzed: 01/28/25						
Phosphorus, Total as P	0.295	0.02	0.05	mg/L	0.250	0.0477	99	80-120			
Matrix Spike Dup (5A28192-MSD1)		Source: C5A3038-12			Prepared & Analyzed: 01/28/25						
Phosphorus, Total as P	0.294	0.02	0.05	mg/L	0.250	0.0477	98	80-120	0.3	25	

Batch 5A30111, Prep Method: Acid Digest, Analyst: VMV

Blank (5A30111-BLK1)		Prepared: 01/31/25 Analyzed: 02/03/25									
Kjeldahl Nitrogen	ND	0.09	0.1	mg/L							
LCS (5A30111-BS1)		Prepared: 01/31/25 Analyzed: 02/03/25									
Kjeldahl Nitrogen	0.965	0.09	0.1	mg/L	1.00		96	80-120			
Duplicate (5A30111-DUP1)		Source: C5A2601-01			Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	ND	0.9	1.0	mg/L		ND				25	
Matrix Spike (5A30111-MS1)		Source: C5A2601-01			Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	9.90	0.9	1.0	mg/L	10.0	ND	99	42-154			
Matrix Spike Dup (5A30111-MSD1)		Source: C5A2601-01			Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	9.50	0.9	1.0	mg/L	10.0	ND	95	42-154	4	25	

Batch 5A30113, Prep Method: Acid Digest, Analyst: VMV

Blank (5A30113-BLK1)		Prepared: 01/31/25 Analyzed: 02/03/25									
Kjeldahl Nitrogen	ND	0.09	0.1	mg/L							



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Nutrients - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A30113, Prep Method: Acid Digest, Analyst: VMV

LCS (5A30113-BS1)					Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	0.960	0.09	0.1	mg/L	1.00		96	80-120			
Duplicate (5A30113-DUP1)					Source: C5A3038-12 Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	0.975	0.9	1.0	mg/L		ND				25	J
Matrix Spike (5A30113-MS1)					Source: C5A3038-12 Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	10.6	0.9	1.0	mg/L	10.0	ND	106	42-154			
Matrix Spike Dup (5A30113-MSD1)					Source: C5A3038-12 Prepared: 01/31/25 Analyzed: 02/03/25						
Kjeldahl Nitrogen	10.3	0.9	1.0	mg/L	10.0	ND	103	42-154	3	25	

Batch 5B03202, Prep Method: Ammonia - Gas Diffusion, Analyst: TRS

Blank (5B03202-BLK1)					Prepared & Analyzed: 02/03/25						
Ammonia-Nitrogen	0.005	0.005	0.01	mg/L							J
LCS (5B03202-BS1)					Prepared & Analyzed: 02/03/25						
Ammonia-Nitrogen	0.498	0.005	0.01	mg/L	0.500		100	90-110			
Duplicate (5B03202-DUP1)					Source: C5A3038-01 Prepared & Analyzed: 02/03/25						
Ammonia-Nitrogen	0.0390	0.005	0.01	mg/L		0.0330			17	20	
Matrix Spike (5B03202-MS1)					Source: C5A3038-01 Prepared & Analyzed: 02/03/25						
Ammonia-Nitrogen	0.569	0.005	0.01	mg/L	0.500	0.0330	107	80-120			
Matrix Spike Dup (5B03202-MSD1)					Source: C5A3038-01 Prepared & Analyzed: 02/03/25						
Ammonia-Nitrogen	0.585	0.005	0.01	mg/L	0.500	0.0330	110	80-120	3	20	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A28160, Prep Method: EPA 200.2, Analyst: AJH

Blank (5A28160-BLK1)

Prepared: 01/28/25 Analyzed: 01/30/25

Arsenic	ND	1.8	5.0	ug/L							
Cadmium	ND	0.25	1.0	"							
Total Chromium	ND	4.0	20	"							
Copper	ND	3.3	10	"							
Lead	ND	3.3	10	"							
Manganese	ND	3.3	10	"							
Nickel	ND	3.3	10	"							
Selenium	ND	1.7	5.0	"							
Zinc	ND	5.0	10	"							

LCS (5A28160-BS1)

Prepared: 01/28/25 Analyzed: 01/30/25

Arsenic	343	1.8	5.0	ug/L	332	103	85-115				
Cadmium	341	0.25	1.0	"	332	103	85-115				
Total Chromium	339	4.0	20	"	332	102	85-115				
Copper	330	3.3	10	"	332	99	85-115				
Lead	340	3.3	10	"	332	102	85-115				
Manganese	342	3.3	10	"	332	103	85-115				
Nickel	335	3.3	10	"	332	101	85-115				
Selenium	334	1.7	5.0	"	332	101	85-115				
Zinc	330	5.0	10	"	332	99	85-115				

Duplicate (5A28160-DUP1)

Source: C5A2629-01

Prepared: 01/28/25 Analyzed: 01/30/25

Arsenic	3.26	1.8	5.0	ug/L	3.15				3	20	J
Cadmium	ND	0.25	1.0	"	ND					20	
Total Chromium	ND	4.0	20	"	ND					20	
Copper	ND	3.3	10	"	ND					20	
Lead	ND	3.3	10	"	ND					20	
Manganese	ND	3.3	10	"	ND					20	
Nickel	ND	3.3	10	"	ND					20	
Selenium	ND	1.7	5.0	"	ND					20	
Zinc	ND	5.0	10	"	ND					20	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A28160, Prep Method: EPA 200.2, Analyst: AJH

Matrix Spike (5A28160-MS1) Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25

Arsenic	345	1.8	5.0	ug/L	332	3.15	103	70-130			
Cadmium	340	0.25	1.0	"	332	ND	102	70-130			
Total Chromium	341	4.0	20	"	332	ND	102	70-130			
Copper	331	3.3	10	"	332	ND	99	70-130			
Lead	339	3.3	10	"	332	ND	102	70-130			
Manganese	349	3.3	10	"	332	ND	105	70-130			
Nickel	338	3.3	10	"	332	ND	102	70-130			
Selenium	333	1.7	5.0	"	332	ND	100	70-130			
Zinc	329	5.0	10	"	332	ND	99	70-130			

Matrix Spike Dup (5A28160-MSD1) Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25

Arsenic	345	1.8	5.0	ug/L	332	3.15	103	70-130	0.06	20	
Cadmium	341	0.25	1.0	"	332	ND	103	70-130	0.2	20	
Total Chromium	338	4.0	20	"	332	ND	102	70-130	0.7	20	
Copper	328	3.3	10	"	332	ND	99	70-130	0.8	20	
Lead	337	3.3	10	"	332	ND	101	70-130	0.3	20	
Manganese	343	3.3	10	"	332	ND	103	70-130	2	20	
Nickel	332	3.3	10	"	332	ND	100	70-130	2	20	
Selenium	332	1.7	5.0	"	332	ND	100	70-130	0.2	20	
Zinc	327	5.0	10	"	332	ND	98	70-130	0.6	20	

Batch 5A28182, Prep Method: EPA 200.2, Analyst: MGA

Blank (5A28182-BLK1) Prepared: 01/28/25 Analyzed: 01/30/25

Aluminum	ND	17	50	ug/L							
Iron	ND	26	50	"							



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A28182, Prep Method: EPA 200.2, Analyst: MGA

LCS (5A28182-BS1)					Prepared: 01/28/25 Analyzed: 01/30/25						
Aluminum	1260	17	50	ug/L	1170		108	85-115			
Iron	1190	26	50	"	1170		102	85-115			
Duplicate (5A28182-DUP1)					Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25						
Aluminum	ND	170	500	ug/L		ND				20	
Iron	ND	260	500	"		ND				20	
Matrix Spike (5A28182-MS1)					Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25						
Aluminum	1200	170	500	ug/L	1170	ND	103	70-130			
Iron	1260	260	500	"	1170	ND	108	70-130			
Matrix Spike Dup (5A28182-MSD1)					Source: C5A2629-01 Prepared: 01/28/25 Analyzed: 01/30/25						
Aluminum	1260	170	500	ug/L	1170	ND	108	70-130	5	20	
Iron	1280	260	500	"	1170	ND	110	70-130	2	20	

Batch 5A29096, Prep Method: 200.8/ No Digest, Analyst: AJH

Blank (5A29096-BLK1)					Prepared & Analyzed: 01/30/25						
Arsenic-Dissolved	ND	1.8	5.0	ug/L							
Cadmium-Dissolved	ND	0.25	2.0	"							
Copper-Dissolved	ND	3.3	10	"							
Zinc-Dissolved	ND	5.0	10	"							
Selenium-Dissolved	ND	1.7	5.0	"							
Manganese-Dissolved	ND	3.3	10	"							
Lead-Dissolved	ND	3.3	10	"							
Nickel-Dissolved	ND	3.3	10	"							
Chromium-Dissolved	ND	4.0	20	"							



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A29096, Prep Method: 200.8/ No Digest, Analyst: AJH

Blank (5A29096-BLK2)

Prepared & Analyzed: 01/30/25

Arsenic-Dissolved	ND	1.8	5.0	ug/L							
Zinc-Dissolved	ND	5.0	10	"							
Nickel-Dissolved	ND	3.3	10	"							
Selenium-Dissolved	ND	1.7	5.0	"							
Copper-Dissolved	ND	3.3	10	"							
Lead-Dissolved	ND	3.3	10	"							
Manganese-Dissolved	ND	3.3	10	"							
Cadmium-Dissolved	ND	0.25	2.0	"							
Chromium-Dissolved	ND	4.0	20	"							

LCS (5A29096-BS1)

Prepared & Analyzed: 01/30/25

Lead-Dissolved	49.0	3.3	10	ug/L	50.0		98	85-115			
Cadmium-Dissolved	48.6	0.25	2.0	"	50.0		97	85-115			
Arsenic-Dissolved	49.2	1.8	5.0	"	50.0		98	85-115			
Manganese-Dissolved	49.5	3.3	10	"	50.0		99	85-115			
Chromium-Dissolved	49.0	4.0	20	"	50.0		98	85-115			
Selenium-Dissolved	48.4	1.7	5.0	"	50.0		97	85-115			
Zinc-Dissolved	50.0	5.0	10	"	50.0		100	85-115			
Copper-Dissolved	47.7	3.3	10	"	50.0		95	85-115			
Nickel-Dissolved	47.7	3.3	10	"	50.0		95	85-115			

Duplicate (5A29096-DUP1)

Source: C5A3038-01

Prepared & Analyzed: 01/30/25

Copper-Dissolved	ND	13	40	ug/L		ND				20	
Chromium-Dissolved	ND	16	80	"		ND				20	
Cadmium-Dissolved	ND	0.99	8.0	"		ND				20	
Arsenic-Dissolved	ND	7.1	20	"		ND				20	
Manganese-Dissolved	ND	13	40	"		ND				20	
Selenium-Dissolved	114	6.7	20	"		108			6	20	
Zinc-Dissolved	ND	20	40	"		ND				20	
Lead-Dissolved	ND	13	40	"		ND				20	
Nickel-Dissolved	ND	13	40	"		ND				20	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A29096, Prep Method: 200.8/ No Digest, Analyst: AJH

Matrix Spike (5A29096-MS1)	Source: C5A3038-01				Prepared & Analyzed: 01/30/25						
Lead-Dissolved	182	13	40	ug/L	200	ND	91	70-130			
Arsenic-Dissolved	201	7.1	20	"	200	ND	100	70-130			
Zinc-Dissolved	147	20	40	"	200	ND	74	70-130			
Manganese-Dissolved	210	13	40	"	200	ND	105	70-130			
Selenium-Dissolved	280	6.7	20	"	200	108	86	70-130			
Cadmium-Dissolved	162	0.99	8.0	"	200	ND	81	70-130			
Nickel-Dissolved	184	13	40	"	200	ND	92	70-130			
Chromium-Dissolved	220	16	80	"	200	ND	110	70-130			
Copper-Dissolved	176	13	40	"	200	ND	88	70-130			

Matrix Spike Dup (5A29096-MSD1)	Source: C5A3038-01				Prepared & Analyzed: 01/30/25						
Copper-Dissolved	175	13	40	ug/L	200	ND	88	70-130	0.4	20	
Nickel-Dissolved	187	13	40	"	200	ND	94	70-130	2	20	
Chromium-Dissolved	222	16	80	"	200	ND	111	70-130	0.8	20	
Lead-Dissolved	180	13	40	"	200	ND	90	70-130	1	20	
Selenium-Dissolved	275	6.7	20	"	200	108	83	70-130	2	20	
Arsenic-Dissolved	203	7.1	20	"	200	ND	101	70-130	0.8	20	
Zinc-Dissolved	148	20	40	"	200	ND	74	70-130	0.7	20	
Cadmium-Dissolved	161	0.99	8.0	"	200	ND	81	70-130	0.3	20	
Manganese-Dissolved	213	13	40	"	200	ND	106	70-130	1	20	

Batch 5A30078, Prep Method: EPA 200.2, Analyst: TJK

Blank (5A30078-BLK1)					Prepared: 01/30/25 Analyzed: 01/31/25						
Arsenic	ND	1.8	5.0	ug/L							
Cadmium	ND	0.25	1.0	"							
Total Chromium	ND	4.0	20	"							
Copper	ND	3.3	10	"							
Lead	ND	3.3	10	"							
Manganese	ND	3.3	10	"							
Nickel	ND	3.3	10	"							
Selenium	ND	1.7	5.0	"							
Zinc	ND	5.0	10	"							



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A30078, Prep Method: EPA 200.2, Analyst: TJK

LCS (5A30078-BS1)

Prepared: 01/30/25 Analyzed: 01/31/25

Arsenic	352	1.8	5.0	ug/L	332		106	85-115			
Cadmium	328	0.25	1.0	"	332		99	85-115			
Total Chromium	346	4.0	20	"	332		104	85-115			
Copper	331	3.3	10	"	332		100	85-115			
Lead	342	3.3	10	"	332		103	85-115			
Manganese	342	3.3	10	"	332		103	85-115			
Nickel	337	3.3	10	"	332		101	85-115			
Selenium	338	1.7	5.0	"	332		102	85-115			
Zinc	337	5.0	10	"	332		101	85-115			

Duplicate (5A30078-DUP1)

Source: C5A3038-11

Prepared: 01/30/25 Analyzed: 01/31/25

Arsenic	ND	8.8	25	ug/L		ND				20	
Cadmium	ND	1.2	5.0	"		ND				20	
Total Chromium	ND	20	100	"		ND				20	
Copper	ND	17	50	"		ND				20	
Lead	ND	17	50	"		ND				20	
Manganese	44.7	17	50	"		39.5			12	20	J
Nickel	ND	17	50	"		ND				20	
Selenium	176	8.4	25	"		183			4	20	
Zinc	ND	25	50	"		ND				20	

Matrix Spike (5A30078-MS1)

Source: C5A3038-11

Prepared: 01/30/25 Analyzed: 01/31/25

Arsenic	362	8.8	25	ug/L	332	ND	109	70-130			
Cadmium	288	1.2	5.0	"	332	ND	87	70-130			
Total Chromium	362	20	100	"	332	ND	109	70-130			
Copper	305	17	50	"	332	ND	92	70-130			
Lead	301	17	50	"	332	ND	90	70-130			
Manganese	405	17	50	"	332	39.5	110	70-130			
Nickel	322	17	50	"	332	ND	97	70-130			
Selenium	518	8.4	25	"	332	183	101	70-130			
Zinc	262	25	50	"	332	ND	79	70-130			



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A30078, Prep Method: EPA 200.2, Analyst: TJK

Matrix Spike Dup (5A30078-MSD1)	Source: C5A3038-11				Prepared: 01/30/25 Analyzed: 01/31/25						
Arsenic	364	8.8	25	ug/L	332	ND	109	70-130	0.6	20	
Cadmium	286	1.2	5.0	"	332	ND	86	70-130	0.7	20	
Total Chromium	367	20	100	"	332	ND	110	70-130	1	20	
Copper	309	17	50	"	332	ND	93	70-130	1	20	
Lead	299	17	50	"	332	ND	90	70-130	0.7	20	
Manganese	416	17	50	"	332	39.5	113	70-130	3	20	
Nickel	329	17	50	"	332	ND	99	70-130	2	20	
Selenium	529	8.4	25	"	332	183	104	70-130	2	20	
Zinc	268	25	50	"	332	ND	81	70-130	2	20	

Batch 5A31080, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR

Blank (5A31080-BLK1)					Prepared: 01/31/25 Analyzed: 02/03/25						
Mercury-Dissolved	ND	0.11	0.20	ug/L							
Mercury	ND	0.11	0.20	"							
Blank (5A31080-BLK2)					Prepared: 01/31/25 Analyzed: 02/03/25						
Mercury-Dissolved	ND	0.11	0.20	ug/L							
Mercury	ND	0.11	0.20	"							
LCS (5A31080-BS1)					Prepared: 01/31/25 Analyzed: 02/03/25						
Mercury-Dissolved	4.58	0.11	0.20	ug/L	4.00		114	85-115			
Mercury	4.58	0.11	0.20	"	4.00		114	85-115			
Duplicate (5A31080-DUP1)	Source: C5A3038-01				Prepared: 01/31/25 Analyzed: 02/03/25						
Mercury-Dissolved	ND	0.56	1.0	ug/L		ND				20	
Mercury	ND	0.56	1.0	"		ND				20	



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A31080, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR

Matrix Spike (5A31080-MS1) Source: C5A3038-01 Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	23.7	0.56	1.0	ug/L	20.0	ND	119	70-130			
Mercury	23.7	0.56	1.0	"	20.0	ND	119	70-130			

Matrix Spike Dup (5A31080-MSD1) Source: C5A3038-01 Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	23.7	0.56	1.0	ug/L	20.0	ND	118	70-130	0.1	20	
Mercury	23.7	0.56	1.0	"	20.0	ND	118	70-130	0.1	20	

Batch 5A31081, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR

Blank (5A31081-BLK1) Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	ND	0.11	0.20	ug/L							
Mercury	ND	0.11	0.20	"							

LCS (5A31081-BS1) Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	4.81	0.11	0.20	ug/L	4.00		120	85-115			QLout
Mercury	4.81	0.11	0.20	"	4.00		120	85-115			QLout

Duplicate (5A31081-DUP1) Source: C5A3038-07 Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	ND	0.56	1.0	ug/L		ND				20	
Mercury	ND	0.56	1.0	"		ND				20	

Matrix Spike (5A31081-MS1) Source: C5A3038-07 Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	24.8	0.56	1.0	ug/L	20.0	ND	124	70-130			
Mercury	24.8	0.56	1.0	"	20.0	ND	124	70-130			

Matrix Spike Dup (5A31081-MSD1) Source: C5A3038-07 Prepared: 01/31/25 Analyzed: 02/03/25

Mercury-Dissolved	22.9	0.56	1.0	ug/L	20.0	ND	115	70-130	8	20	
Mercury	22.9	0.56	1.0	"	20.0	ND	115	70-130	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: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Metals and Metalloids - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5B04167, Prep Method: 200.7/ No Digest, Analyst: MGA

Blank (5B04167-BLK1)

Prepared & Analyzed: 02/04/25

Aluminum-Dissolved	ND	17	50	ug/L							
Iron-Dissolved	ND	26	50	"							

LCS (5B04167-BS1)

Prepared & Analyzed: 02/04/25

Aluminum-Dissolved	458	17	50	ug/L	400		114	85-115			
Iron-Dissolved	1600	26	50	"	1600		100	85-115			

Matrix Spike (5B04167-MS1)

Source: C5A3038-01

Prepared & Analyzed: 02/04/25

Aluminum-Dissolved	4620	170	500	ug/L	4000	563	101	70-130			
Iron-Dissolved	15500	260	500	"	16000	ND	97	70-130			

Matrix Spike Dup (5B04167-MSD1)

Source: C5A3038-01

Prepared & Analyzed: 02/04/25

Aluminum-Dissolved	4940	170	500	ug/L	4000	563	110	70-130	7	20	
Iron-Dissolved	16300	260	500	"	16000	ND	102	70-130	5	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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Organochlorine Pesticides and PCBs by EPA 8000 Series - Quality Control

Babcock Laboratories, Inc. - Riverside

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

Batch 5A30099, Prep Method: EPA 3510C, Analyst: VSS

Blank (5A30099-BLK1)

Prepared: 01/30/25 Analyzed: 02/05/25

Aroclor 1016	ND	0.22	1.0	ug/L							
Aroclor 1221	ND	0.30	1.0	"							
Aroclor 1232	ND	0.81	1.0	"							
Aroclor 1242	ND	0.70	1.0	"							
Aroclor 1248	ND	0.48	1.0	"							
Aroclor 1254	ND	0.73	2.0	"							
Aroclor 1260	ND	0.15	1.0	"							
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.069			"	0.150		46	12-120			
Surrogate: Decachlorobiphenyl	0.047			"	0.150		32	5-134			

LCS (5A30099-BS1)

Prepared: 01/30/25 Analyzed: 02/05/25

Q_nes

Aroclor 1016	1.09	0.22	1.0	ug/L	2.00		55	27-107			
Aroclor 1260	1.24	0.15	1.0	"	2.00		62	29-134			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.087			"	0.150		58	12-120			
Surrogate: Decachlorobiphenyl	0.060			"	0.150		40	5-134			

LCS Dup (5A30099-BSD1)

Prepared: 01/30/25 Analyzed: 02/05/25

Q_nes

Aroclor 1016	1.08	0.22	1.0	ug/L	2.00		54	27-107	1	27	
Aroclor 1260	1.20	0.15	1.0	"	2.00		60	29-134	3	40	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	0.089			"	0.150		59	12-120			
Surrogate: Decachlorobiphenyl	0.043			"	0.150		29	5-134			



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Semivolatile Organic Compounds by EPA 8270C SIM - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A31119, Prep Method: EPA 3510C, Analyst: LLU

Blank (5A31119-BLK1)

Prepared: 01/31/25 Analyzed: 02/03/25

Benzo(a)anthracene	ND	0.02	0.05	ug/L							
Benzo(b)fluoranthene	ND	0.02	0.05	"							
Acenaphthene	ND	0.02	0.05	"							
Acenaphthylene	ND	0.02	0.05	"							
Anthracene	ND	0.01	0.05	"							
Benzo(a)pyrene	ND	0.02	0.05	"							
Benzo(ghi)perylene	ND	0.01	0.05	"							
Benzo(k)fluoranthene	ND	0.02	0.05	"							
Chrysene	ND	0.03	0.05	"							
Dibenzo(a,h)anthracene	ND	0.02	0.05	"							
Fluoranthene	ND	0.02	0.05	"							
Fluorene	ND	0.02	0.05	"							
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"							
Naphthalene	ND	0.02	0.05	"							
Phenanthrene	ND	0.02	0.05	"							
Pyrene	ND	0.01	0.05	"							

Surrogate: Anthracene-d10

0.087

"

0.100

87

10-162

LCS (5A31119-BS1)

Prepared: 01/31/25 Analyzed: 02/03/25

Benzo(a)anthracene	0.424	0.02	0.05	ug/L	0.500		85	28-124			
Benzo(b)fluoranthene	0.415	0.02	0.05	"	0.500		83	21-133			
Acenaphthene	0.415	0.02	0.05	"	0.500		83	31-104			
Acenaphthylene	0.409	0.02	0.05	"	0.500		82	29-109			
Anthracene	0.422	0.01	0.05	"	0.500		84	24-117			
Benzo(a)pyrene	0.377	0.02	0.05	"	0.500		75	16-129			
Benzo(ghi)perylene	0.370	0.01	0.05	"	0.500		74	15-136			
Benzo(k)fluoranthene	0.392	0.02	0.05	"	0.500		78	18-139			
Chrysene	0.396	0.03	0.05	"	0.500		79	30-114			
Dibenzo(a,h)anthracene	0.344	0.02	0.05	"	0.500		69	13-143			
Fluoranthene	0.454	0.02	0.05	"	0.500		91	25-121			
Fluorene	0.424	0.02	0.05	"	0.500		85	28-111			
Indeno(1,2,3-cd)pyrene	0.413	0.02	0.05	"	0.500		83	10-141			
Naphthalene	0.410	0.02	0.05	"	0.500		82	29-100			
Phenanthrene	0.436	0.02	0.05	"	0.500		87	30-111			
Pyrene	0.406	0.01	0.05	"	0.500		81	37-120			

Surrogate: Anthracene-d10

0.091

"

0.100

91

10-162



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

Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/07/25 16:41

Semivolatile Organic Compounds by EPA 8270C SIM - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A31119, Prep Method: EPA 3510C, Analyst: LLU

LCS (5A31119-BS2)

Prepared: 02/01/25 Analyzed: 02/03/25

Benzo(a)anthracene	0.499	0.02	0.05	ug/L	0.500		100	28-124			
Benzo(b)fluoranthene	0.477	0.02	0.05	"	0.500		95	21-133			
Acenaphthene	0.374	0.02	0.05	"	0.500		75	31-104			
Acenaphthylene	0.387	0.02	0.05	"	0.500		77	29-109			
Anthracene	0.429	0.01	0.05	"	0.500		86	24-117			
Benzo(a)pyrene	0.456	0.02	0.05	"	0.500		91	16-129			
Benzo(ghi)perylene	0.450	0.01	0.05	"	0.500		90	15-136			
Benzo(k)fluoranthene	0.453	0.02	0.05	"	0.500		91	18-139			
Chrysene	0.446	0.03	0.05	"	0.500		89	30-114			
Dibenzo(a,h)anthracene	0.441	0.02	0.05	"	0.500		88	13-143			
Fluoranthene	0.500	0.02	0.05	"	0.500		100	25-121			
Fluorene	0.406	0.02	0.05	"	0.500		81	28-111			
Indeno(1,2,3-cd)pyrene	0.489	0.02	0.05	"	0.500		98	10-141			
Naphthalene	0.345	0.02	0.05	"	0.500		69	29-100			
Phenanthrene	0.437	0.02	0.05	"	0.500		87	30-111			
Pyrene	0.444	0.01	0.05	"	0.500		89	37-120			

Surrogate: Anthracene-d10

0.097

"

0.100

97

10-162

Matrix Spike (5A31119-MS1)

Source: C5A2973-01

Prepared: 01/31/25 Analyzed: 02/03/25

Benzo(a)anthracene	0.231	0.02	0.05	ug/L	0.530	ND	44	10-114			
Benzo(b)fluoranthene	0.171	0.02	0.05	"	0.530	ND	32	28-97			
Acenaphthene	0.300	0.02	0.05	"	0.530	ND	57	10-101			
Acenaphthylene	0.344	0.02	0.05	"	0.530	ND	65	10-114			
Anthracene	0.348	0.01	0.05	"	0.530	0.0344	59	10-114			
Benzo(a)pyrene	0.172	0.02	0.05	"	0.530	ND	32	28-92			
Benzo(ghi)perylene	0.129	0.01	0.05	"	0.530	ND	24	10-87			
Benzo(k)fluoranthene	0.154	0.02	0.05	"	0.530	ND	29	10-98			
Chrysene	0.209	0.03	0.05	"	0.530	ND	39	10-106			
Dibenzo(a,h)anthracene	0.127	0.02	0.05	"	0.530	ND	24	12-90			
Fluoranthene	0.347	0.02	0.05	"	0.530	0.0310	60	10-117			
Fluorene	0.346	0.02	0.05	"	0.530	ND	65	10-115			
Indeno(1,2,3-cd)pyrene	0.138	0.02	0.05	"	0.530	ND	26	17-81			
Naphthalene	0.279	0.02	0.05	"	0.530	0.0320	47	10-100			
Phenanthrene	0.367	0.02	0.05	"	0.530	0.0328	63	10-111			
Pyrene	0.296	0.01	0.05	"	0.530	0.0290	50	10-121			

Surrogate: Anthracene-d10

0.082

"

0.106

77

10-162



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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Semivolatile Organic Compounds by EPA 8270C SIM - Quality Control
Babcock Laboratories, Inc. - Riverside

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

Batch 5A31119, Prep Method: EPA 3510C, Analyst: LLU

Matrix Spike Dup (5A31119-MSD1)	Source: C5A2973-01				Prepared: 01/31/25		Analyzed: 02/03/25				
Benzo(a)anthracene	0.456	0.02	0.05	ug/L	0.519	ND	88	10-114	66	40	QRPDa
Benzo(b)fluoranthene	0.395	0.02	0.05	"	0.519	ND	76	28-97	79	40	QRPDa
Acenaphthene	0.353	0.02	0.05	"	0.519	ND	68	10-101	16	40	
Acenaphthylene	0.418	0.02	0.05	"	0.519	ND	81	10-114	19	40	
Anthracene	0.476	0.01	0.05	"	0.519	0.0344	85	10-114	31	40	
Benzo(a)pyrene	0.416	0.02	0.05	"	0.519	ND	80	28-92	83	40	QRPDa
Benzo(ghi)perylene	0.292	0.01	0.05	"	0.519	ND	56	10-87	78	40	QRPDa
Benzo(k)fluoranthene	0.360	0.02	0.05	"	0.519	ND	69	10-98	80	40	QRPDa
Chrysene	0.402	0.03	0.05	"	0.519	ND	77	10-106	63	40	QRPDa
Dibenzo(a,h)anthracene	0.317	0.02	0.05	"	0.519	ND	61	12-90	85	40	QRPDa
Fluoranthene	0.527	0.02	0.05	"	0.519	0.0310	96	10-117	41	40	QRPDa
Fluorene	0.413	0.02	0.05	"	0.519	ND	80	10-115	18	40	
Indeno(1,2,3-cd)pyrene	0.343	0.02	0.05	"	0.519	ND	66	17-81	85	40	QRPDa
Naphthalene	0.317	0.02	0.05	"	0.519	0.0320	55	10-100	13	40	
Phenanthrene	0.468	0.02	0.05	"	0.519	0.0328	84	10-111	24	40	
Pyrene	0.449	0.01	0.05	"	0.519	0.0290	81	10-121	41	40	QRPDa
<i>Surrogate: Anthracene-d10</i>	<i>0.11</i>			<i>"</i>	<i>0.104</i>		<i>107</i>	<i>10-162</i>			



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

Project: RWB4_WildFireResponse_2025
 Project Number: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

Notes and Definitions

- J Estimated value
- N_RLm Due to sample matrix, the reporting limit has been raised.
- Nconf Result(s) confirmed by re-analysis.
- NLOhND The LCS recovery within this analytical batch was above method control limit for this analyte. Analyte not detected in this sample so high bias in LCS has no impact to sample result.
- NRPD0 The RPD/precision of replicate analyses performed on this sample did not meet laboratory acceptance criteria.
- NSint Due to matrix interference, the surrogate recovery for this sample cannot be accurately quantified.
- Q_nes Insufficient sample for the sample duplicate and/or MS/MSD analysis.
- QFini Follow-up result also did not meet laboratory acceptance criteria.
- QFpas Follow-up result within laboratory acceptance criteria.
- QLout The LCS and/or LCSD recovery did not meet laboratory acceptance criteria.
- QMdil Due to sample dilution required from high analyte concentration and/or matrix interference, the Matrix Spike recovery for this analyte is not available.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- QMS(D) Matrix spike recovery was out of acceptance criteria. Precision and accuracy demonstrated by remaining matrix spike results.
- Qraw Based on raw data excluding numerical rounding, QC recovery was within laboratory acceptance criteria.
- QRPDa Both percent recoveries were acceptable, however, the RPD result was above laboratory acceptance criteria.
- QRPDI Analyte concentration was below range for valid RPD determination.
- QRPDO The RPD value for the sample duplicate or MS/MSD did not meet laboratory acceptance criteria.

-
- 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: Wildfire Response 2025
 Project Manager: John Salguero

Reported:
 02/07/25 16:41

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

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

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CE DEN Projects

Chain of Custody Record & Sample Information

*This COC is for Non-CE DEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Sample Collection Agency: Los Angeles RWQCB			Agreement No.: 22-005-270				Analyses Requested																						
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013			Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes										
Project Lead:			Project Name: RWB4 Wildfire Response 2025																	metals per historical JLH 1/27/2025									
GeoTracker Global ID:			Field Lead:																										
Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov			Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov																										
Sample ID	Date	Time	Location																										
1)	DPH 105B	01/27/25	0910	Santa Monica State Beach, 50 yds east of SD		SSW	G	P	1	4	X							1L Plastic HDPE x4											
2)	DPH 105B	01/27/25	0913	Santa Monica State Beach, 50 yds east of SD		SSW	G	G	1	2		X	X					1L Amber Glass x 2											
3)	DPH 105B	01/27/25	0916	Santa Monica State Beach, 50 yds east of SD		SSW	G	P	2	1				X				250 mL Plastic HDPE (Nitric)											
4)	DPH 105B	01/27/25	0914	Santa Monica State Beach, 50 yds east of SD		SSW	G	P	2, 9	1					X			Filtered 250 mL Plastic HDPE (Nitric)											
5)	DPH 105B	01/27/25	0916	Santa Monica State Beach, 50 yds east of SD		SSW	G	P	4	1						X		250 mL Plastic HDPE (Sulfuric)											
6)	DPH 105B	01/27/25	0918	Santa Monica State Beach, 50 yds east of SD		SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)											
7)																													
8)																													
9)																													
10)																													

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF

Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1) Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	1525	Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30
2) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01	John [unclear]	<i>[Signature]</i>	1/27/25	18:01
3)							
4)							

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: Sample(s) Properly Cooled: <u>Y</u> / N / NA Temperature: <u>1</u> °C Sample(s) Intact: <u>YY</u> / N / NA Custody Seal(s) Intact: Y / N / <u>NA</u> Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: Dissolved Oxygen: pH: <u>8.3</u> Temperature: <u>56.8 F</u> Turbidity: <u>1.59</u> Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: Routine <input type="checkbox"/> *3-5 Day (Rush) X *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: CRISTIAN, PEDRO, & Yi-Jen

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects


*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 12 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested																						
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBC (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes										
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov				Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov																	Project Name: RWB4 Wildfire Response 2025				GeoTracker Global ID:					
Sample ID	Date	Time	Location																											
1)	SMP 2-7	01/27/25	0933	Wil Rogers State Beach, Santa Monica Canyon SD	SSW	G	P														1	4	X							1L Plastic HDPE x4
2)	SMP 2-7	01/27/25	0935	Wil Rogers State Beach, Santa Monica Canyon SD	SSW	G	G														1	2		X	X					1L Amber Glass x 2
3)	SMP 2-7	01/27/25	0940	Wil Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2	1				X				250 mL Plastic HDPE (Nitric)													
4)	SMP 2-7	01/27/25	0936	Wil Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2, 9	1					X			Filtered 250 mL Plastic HDPE (Nitric)													
5)	SMP 2-7	01/27/25	0941	Wil Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	4	1						X		250 mL Plastic HDPE (Sulfuric)													
6)	SMP 2-7	01/27/25	0943	Wil Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)													
7)																														
8)																														
9)																														
10)																														

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:					Samples Received By:				
Name (Print) and Agency	Signature	Date	Time		Name (Print) and Agency	Signature	Date	Time	
1) Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	1525		Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30	
2) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01		John Ornelas	<i>[Signature]</i>	1/27/25	1801	
3)									
4)									

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: Sample(s) Properly Cooled: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / NA Temperature: <u>1</u> °C Sample(s) Intact: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / NA Custody Seal(s) Intact: Y / N / <input checked="" type="checkbox"/> NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: Dissolved Oxygen: pH: <u>7.2</u> Temperature: <u>59.8 F</u> Turbidity: <u>145</u> Send Results to: emily.duncan@waterboards.ca.gov OIMA-Helpdesk@waterboards.ca.gov	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: BRITIAN, PEDRO, Yi-Jen

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects

*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 5 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested														
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below) Sample Type (G = Grab; C = Composite; O = Other) Container Type (P = Plastic; G = Glass; O = Other) Preservation Code (See Codes Below) # of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM PCBc (8082 Aroclors) Total Metals, Ca, Hardness Dissolved Metals TP, TN, NH3 TOC													
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov				Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID:																		
Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov																						
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	Notes													
1)	1/27/25	1130	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P		1	4	X												1L Plastic HDPE x4
2)	1/27/25	1133	Will Rogers State Beach, Temescal Canyon SD	SSW	G	G		1	2		X	X										1L Amber Glass x 2
3)	1/27/25	1135	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P		2	1				X									250 mL Plastic HDPE (Nitric)
4)	1/27/25	1141	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P		2, 9	1					X								Filtered 250 mL Plastic HDPE (Nitric)
5)	1/27/25	1135	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P		4	1						X							250 mL Plastic HDPE (Sulfuric)
6)	1/27/25	1138	Will Rogers State Beach, Temescal Canyon SD	SSW	G	G		4	3							X						40mL Amber Vial x3 (Sulfuric)
7)																						
8)																						
9)																						
10)																						

C5A3038
 Rc'd: 01/27/2025 18:01
 JLH Manual-PDF



Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1) Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	1430				
2) Katy Vigil, DPH-ET	<i>[Signature]</i>	01/27/25	1434	Yi-Jen W. Chen DPH	<i>[Signature]</i>	01/27/25	1438
3) Yi-Jen W. Chen DPH	<i>[Signature]</i>	01/27/25	1525	Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30
4) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01	Oscar Osorio	<i>[Signature]</i>	1/27/25	18:01

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: Sample(s) Properly Cooled: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / NA Temperature: 1 °C Sample(s) Intact: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / NA Custody Seal(s) Intact: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: N/A Dissolved Oxygen: N/A pH: 5.6 Temperature: 57.0°F Turbidity: 80.4 TGG	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects


*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 8 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025													
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov				Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID: Agreement No.: 22-005-270 Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov				Sample Matrix (See Codes Below) Sample Type (G = Grab; C = Composite; O = Other) Container Type (P = Plastic; G = Glass; O = Other) Preservation Code (See Codes Below) # of Containers SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM PCBc (8082 Aroclors) Total Metals, Ca, Hardness Dissolved Metals TP, TN, NH3 TOC Notes									
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code									# of Containers	Notes
1)	SMB 1-16	1/27/25 1011	Las Tunas Beach, Pena Creek	SSW	G	P	1									4	X 1L Plastic HDPE x4
2)	SMB 1-16	1/27/25 1012	Las Tunas Beach, Pena Creek	SSW	G	G	1									2	X 1L Amber Glass x 2
3)	SMB 1-16	1/27/25 1013	Las Tunas Beach, Pena Creek	SSW	G	P	2									1	X 250 mL Plastic HDPE (Nitric)
4)	SMB 1-16	1/27/25 1019	Las Tunas Beach, Pena Creek	SSW	G	P	2, 9									1	X Filtered 250 mL Plastic HDPE (Nitric)
5)	SMB 1-16	1/27/25 1014	Las Tunas Beach, Pena Creek	SSW	G	P	4									1	X 250 mL Plastic HDPE (Sulfuric)
6)	SMB 1-16	1/27/25 1015	Las Tunas Beach, Pena Creek	SSW	G	G	4									3	X 40mL Amber Vial x3 (Sulfuric)
7)																	
8)																	
9)																	
10)																	

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
Yi-Jen W. Chen, DPH	Yi-Jen W. Chen	01/27/25	1437				
Katy Vigil DPH EH	Katy Vigil	01/27/25	1436	Yi-Jen W. Chen DPH	Yi-Jen W. Chen	01/27/25	1437
Yi-Jen W. Chen, DPH	Yi-Jen W. Chen	01/27/25	1525	Daniel Villanueva	Daniel Villanueva	1/27/25	15:30
Daniel Villanueva	Daniel Villanueva	1/27/25	16:01	Order Coordinator/RSV	Order Coordinator/RSV	1/27/25	18:01

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other _____	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other _____	Total Number of Sample Containers Received: Sample(s) Properly Cooled: <u>Y</u> / N / NA Temperature: <u>1</u> °C Sample(s) Intact: <u>Y</u> / N / NA Custody Seal(s) Intact: Y / N / <u>NA</u> Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: <u>N/A</u> Dissolved Oxygen: <u>N/A</u> pH: <u>4.8</u> Temperature: <u>55.8 °F</u> Turbidity: <u>23.6</u> TCG	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: Routine <input type="checkbox"/> *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: Katy Vigil, Emy Okohira, Daniel Bacani

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects


*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 6 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested							
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes
Project Lead:		Project Name: RWB4 Wildfire Response 2025														
Field Lead:		GeoTracker Global ID:														
Name: Emily Duncan		Name: Ashley Duong														
Phone: (213) 576-6679		Phone: 626-430-5360														
Email: emily.duncan@waterboards.ca.gov		Email: Ashduong@ph.lacounty.gov														
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes
1)	01/27/25	0730	Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	4	X							1L Plastic HDPE x4
2)	01/27/25	0735	Dockweiler State Beach, Culver Boulevard	SSW	G	G	1	2		X	X					1L Amber Glass x 2
3)	01/27/25	0749	Dockweiler State Beach, Culver Boulevard	SSW	G	P	2	1				X				250 mL Plastic HDPE (Nitric)
4)	01/27/25	0740	Dockweiler State Beach, Culver Boulevard	SSW	G	P	2, 9	1					X			Filtered 250 mL Plastic HDPE (Nitric)
5)	01/27/25	0744	Dockweiler State Beach, Culver Boulevard	SSW	G	P	4	1						X		250 mL Plastic HDPE (Sulfuric)
6)	01/27/25	0745	Dockweiler State Beach, Culver Boulevard	SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)
7)																
8)																
9)																
10)																

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:					Samples Received By:				
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time		
1) Yi-Jen W. CHEN, DPH	<i>[Signature]</i>	01/27/25	1925	Daniel Villaverde	<i>[Signature]</i>	1/27/25	15:30		
2) Daniel Villaverde	<i>[Signature]</i>	1/27/25	19:01	John Ochoa / SV	<i>[Signature]</i>	1/27/25	18:01		
3)									
4)									

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: Sample(s) Properly Cooled: Y / N / NA Temperature: <u>1</u> °C Sample(s) Intact: Y / N / NA Custody Seal(s) Intact: Y / N / NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: Dissolved Oxygen: pH: <u>8.7</u> Temperature: <u>55.2 F</u> Turbidity: <u>1661</u> <u>8.20</u> Send Results to: emily.duncan@waterboards.ca.gov	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: CRISTIAN, PEDRO, & Yi-Jen

2-3

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects


*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 3 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested																																																																																																																																																																																																				
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025																																																																																																																																																																																																								
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov				Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov				<table border="1"> <tr> <th>Sample ID</th> <th>Date</th> <th>Time</th> <th>Location</th> <th>Sample Matrix (See Codes Below)</th> <th>Sample Type (G = Grab; C = Composite; O = Other)</th> <th>Container Type (P = Plastic; G = Glass; O = Other)</th> <th>Preservation Code (See Codes Below)</th> <th># of Containers</th> <th>SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,</th> <th>8270 PAH SIM</th> <th>PCBc (8082 Aroclors)</th> <th>Total Metals, Ca, Hardness</th> <th>Dissolved Metals</th> <th>TP, TN, NH3</th> <th>TOC</th> <th>Notes</th> </tr> <tr> <td>1)</td> <td>01/27/25</td> <td>0833</td> <td>Venice City Beach, 50 yds south of SD</td> <td>SSW</td> <td>G</td> <td>P</td> <td>1</td> <td>4</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1L Plastic HDPE x4</td> </tr> <tr> <td>2)</td> <td>01/27/25</td> <td>0834</td> <td>Venice City Beach, 50 yds south of SD</td> <td>SSW</td> <td>G</td> <td>G</td> <td>1</td> <td>2</td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>1L Amber Glass x 2</td> </tr> <tr> <td>3)</td> <td>01/27/25</td> <td>0839</td> <td>Venice City Beach, 50 yds south of SD</td> <td>SSW</td> <td>G</td> <td>P</td> <td>2</td> <td>1</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td>250 mL Plastic HDPE (Nitric)</td> </tr> <tr> <td>4)</td> <td>01/27/25</td> <td>0835</td> <td>Venice City Beach, 50 yds south of SD</td> <td>SSW</td> <td>G</td> <td>P</td> <td>2, 9</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>Filtered 250 mL Plastic HDPE (Nitric)</td> </tr> <tr> <td>5)</td> <td>01/27/25</td> <td>0840</td> <td>Venice City Beach, 50 yds south of SD</td> <td>SSW</td> <td>G</td> <td>P</td> <td>4</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>250 mL Plastic HDPE (Sulfuric)</td> </tr> <tr> <td>6)</td> <td>01/27/25</td> <td>0840</td> <td>Venice City Beach, 50 yds south of SD</td> <td>SSW</td> <td>G</td> <td>G</td> <td>4</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>40mL Amber Vial x3 (Sulfuric)</td> </tr> <tr> <td>7)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										Sample ID	Date	Time	Location	Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes	1)	01/27/25	0833	Venice City Beach, 50 yds south of SD	SSW	G	P	1	4	X							1L Plastic HDPE x4	2)	01/27/25	0834	Venice City Beach, 50 yds south of SD	SSW	G	G	1	2		X	X					1L Amber Glass x 2	3)	01/27/25	0839	Venice City Beach, 50 yds south of SD	SSW	G	P	2	1				X				250 mL Plastic HDPE (Nitric)	4)	01/27/25	0835	Venice City Beach, 50 yds south of SD	SSW	G	P	2, 9	1					X			Filtered 250 mL Plastic HDPE (Nitric)	5)	01/27/25	0840	Venice City Beach, 50 yds south of SD	SSW	G	P	4	1						X		250 mL Plastic HDPE (Sulfuric)	6)	01/27/25	0840	Venice City Beach, 50 yds south of SD	SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)	7)																	8)																	9)																	10)																
Sample ID	Date	Time	Location	Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)											# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes																																																																																																																																																																																		
1)	01/27/25	0833	Venice City Beach, 50 yds south of SD	SSW	G	P	1											4	X							1L Plastic HDPE x4																																																																																																																																																																																		
2)	01/27/25	0834	Venice City Beach, 50 yds south of SD	SSW	G	G	1											2		X	X					1L Amber Glass x 2																																																																																																																																																																																		
3)	01/27/25	0839	Venice City Beach, 50 yds south of SD	SSW	G	P	2											1				X				250 mL Plastic HDPE (Nitric)																																																																																																																																																																																		
4)	01/27/25	0835	Venice City Beach, 50 yds south of SD	SSW	G	P	2, 9											1					X			Filtered 250 mL Plastic HDPE (Nitric)																																																																																																																																																																																		
5)	01/27/25	0840	Venice City Beach, 50 yds south of SD	SSW	G	P	4											1						X		250 mL Plastic HDPE (Sulfuric)																																																																																																																																																																																		
6)	01/27/25	0840	Venice City Beach, 50 yds south of SD	SSW	G	G	4											3							X	40mL Amber Vial x3 (Sulfuric)																																																																																																																																																																																		
7)																																																																																																																																																																																																												
8)																																																																																																																																																																																																												
9)																																																																																																																																																																																																												
10)																																																																																																																																																																																																												

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:					Samples Received By:				
Name (Print) and Agency	Signature	Date	Time		Name (Print) and Agency	Signature	Date	Time	
1) Yi-Jen W. Chen, DPH	<i>Yi-Jen W. Chen</i>	01/27/25	1525		Daniel Villanueva	<i>Daniel Villanueva</i>	1/27/25	15:30	
2) Daniel Villanueva	<i>Daniel Villanueva</i>	1/27/25	18:00		John Green	<i>John Green</i>	1/27/25	18:01	
3)									
4)									

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other _____	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other _____	Total Number of Sample Containers Received: Sample(s) Properly Cooled: Y / N / NA Temperature: <u>1</u> °C Sample(s) Intact: Y / N / NA Custody Seal(s) Intact: Y / N / NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: Dissolved Oxygen: pH: <u>8.8</u> Temperature: <u>57.6 F</u> Turbidity: <u>2.87</u> Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: Routine <input type="checkbox"/> *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

v5.2.SWAMP IQ_2022.06.30

Sampler: CRISTIAN, PEDRO, Yi-JEN

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects


*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 9 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested												
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes
Project Name: RWB4 Wildfire Response 2025				Project Name: RWB4 Wildfire Response 2025																
GeoTracker Global ID:				GeoTracker Global ID:																
Field Lead:				Field Lead:																
Project Lead:				Project Lead:																
Name: Emily Duncan				Name: Ashley Duong																
Phone: (213) 576-6679				Phone: 626-430-5360																
Email: emily.duncan@waterboards.ca.gov				Email: Ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes				
1)	SMB 3-4	01/27/25	0852	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	1	4	X						1L Plastic HDPE x4				
2)	SMB 3-4	01/27/25	0854	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	1	2		X	X				1L Amber Glass x 2				
3)	SMB 3-4	01/27/25	0856	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2	1			X				250 mL Plastic HDPE (Nitric)				
4)	SMB 3-4	01/27/25	0855	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2, 9	1				X			Filtered 250 mL Plastic HDPE (Nitric)				
5)	SMB 3-4	01/27/25	0858	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	4	1					X		250 mL Plastic HDPE (Sulfuric)				
6)	SMB 3-4	01/27/25	0900	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	4	3						X	40mL Amber Vial x3 (Sulfuric)				
7)																				
8)																				
9)																				
10)																				

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:					Samples Received By:				
Name (Print) and Agency	Signature	Date	Time		Name (Print) and Agency	Signature	Date	Time	
1) Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	1525		Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30	
2) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01		Oliver [Signature]	<i>[Signature]</i>	1/27/25	18:01	
3)									
4)									

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:		Special Instructions:	
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other _____	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other _____	Total Number of Sample Containers Received:		Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: Dissolved Oxygen: pH: 8.0 Temperature: 58.2 F Turbidity: 4.33 <i>[Signature]</i>	Evidence sample handling required?		<input type="checkbox"/>
		Sample(s) Properly Cooled: <input checked="" type="radio"/> Y / <input type="radio"/> N / <input type="radio"/> NA	Temperature: 1 °C		Return Shipping Containers?		<input type="checkbox"/>
		Sample(s) Intact: <input checked="" type="radio"/> Y / <input type="radio"/> N / <input type="radio"/> NA			Turn Around Time:	Routine	<input type="checkbox"/>
		Custody Seal(s) Intact: Y / <input checked="" type="radio"/> N / <input type="radio"/> NA				*3-5 Day (Rush)	<input checked="" type="checkbox"/>
		Sample(s) Accepted: Y / <input type="radio"/> N			Send Results to: emily.duncan@waterboards.ca.gov	*48-Hr (Rush)	<input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: CRISTIAN, PEDRO, Yi-JEN

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects

*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information


Page 4 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested													
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes	
Project Name: RWB4 Wildfire Response 2025				Project Name: RWB4 Wildfire Response 2025																	GeoTracker Global ID:
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov				Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code														
1)	01/27/25	0815	Venice City Beach, Venice Pier	SSW	G	P	1	4	X								1L Plastic HDPE x4				
2)	01/27/25	0818	Venice City Beach, Venice Pier	SSW	G	G	1	2		X	X						1L Amber Glass x 2				
3)	01/27/25	0821	Venice City Beach, Venice Pier	SSW	G	P	2	1				X					250 mL Plastic HDPE (Nitric)				
4)	01/27/25	0820	Venice City Beach, Venice Pier	SSW	G	P	2, 9	1					X				Filtered 250 mL Plastic HDPE (Nitric)				
5)	01/27/25	0820	Venice City Beach, Venice Pier	SSW	G	P	4	1						X			250 mL Plastic HDPE (Sulfuric)				
6)	01/27/25	0824	Venice City Beach, Venice Pier	SSW	G	G	4	3							X		40mL Amber Vial x3 (Sulfuric)				
7)																					
8)																					
9)																					
10)																					

C5A3038

Rc'd: 01/27/2025 18:01

JLH Manual-PDF



Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1) Yi-Jen W. CHEN, DPH	<i>[Signature]</i>	01/27/25	1525	Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30
2) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01	Cristian Pedro	<i>[Signature]</i>	1/27/25	1801
3)							
4)							

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: Sample(s) Properly Cooled: <input checked="" type="checkbox"/> N / NA Temperature: <u>1</u> °C Sample(s) Intact: <input checked="" type="checkbox"/> Y / NA Custody Seal(s) Intact: Y / N / <input checked="" type="checkbox"/> NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: Dissolved Oxygen: pH: <u>8.4</u> Temperature: <u>56.4°F</u> Turbidity: <u>1.67</u> Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: CRISTIAN, PEDRO, Yi-Jen

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects


*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 11 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested								
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes	
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID:															Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov
Sample ID	Date	Time	Location														
1)	SMB 2-4	1/27/25	1107														
2)	SMB 2-4	1/27/25	1111	Will Rogers State Beach, Pulga SD													
3)	SMB 2-4	1/27/25	1113	Will Rogers State Beach, Pulga SD													
4)	SMB 2-4	1/27/25	1120	Will Rogers State Beach, Pulga SD													
5)	SMB 2-4	1/27/25	1113	Will Rogers State Beach, Pulga SD													
6)	SMB 2-4	1/27/25	1115	Will Rogers State Beach, Pulga SD													
7)																	
8)																	
9)																	
10)																	

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1) Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	14:30				
2) Katy Vigil, DPH-EH	<i>[Signature]</i>	01/27/25	14:36	Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	14:38
3) Yi-Jen W. Chen, DPH	<i>[Signature]</i>	01/27/25	15:25	Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30
4) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01	Olson	<i>[Signature]</i>	1/27/25	18:01

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: Sample(s) Properly Cooled: <u>Y</u> / N / NA Temperature: <u>1</u> °C Sample(s) Intact: <u>Y</u> / N / NA Custody Seal(s) Intact: <u>Y</u> / N / NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: <u>N/A</u> Dissolved Oxygen: <u>N/A</u> pH: <u>4.8</u> Temperature: <u>57.9 °F</u> Turbidity: <u>88.9</u> T661	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects

*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 10 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab, C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested								
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N	8270 PAH SIM	PCBC (8082 Atroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes	
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID:															
Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location														
1	1/27/25	1032	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	1	4	X							1L Plastic HDPE x4	
2	1/27/25	1037	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	1	2		X	X						1L Amber Glass x 2
3	1/27/25	1036	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2	1				X					250 mL Plastic HDPE (Nitric)
4	1/27/25	1047	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)
5	1/27/25	1035	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)
6	1/27/25	1041	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	4	3						X			40mL Amber Vial x3 (Sulfuric)
7																	
8																	
9																	
10																	

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:					Samples Received By:				
Name (Print) and Agency	Signature	Date	Time		Name (Print) and Agency	Signature	Date	Time	
1) Yi-Jen W. CHEN, DPH	<i>[Signature]</i>	01/27/25	1430						
2) Katy Vigi, DPH-ET	<i>[Signature]</i>	01/27/25	1430		Yi-Jen W. CHEN, DPH	<i>[Signature]</i>	01/27/25	1438	
3) Yi-Jen W. CHEN, DPH	<i>[Signature]</i>	01/27/25	1525		Daniel Villanueva	<i>[Signature]</i>	1/27/25	15:30	
4) Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01		Daniel Villanueva	<i>[Signature]</i>	1/27/25	18:01	

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other _____	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other _____	Total Number of Sample Containers Received: _____ Sample(s) Properly Cooled: <input checked="" type="radio"/> Y / <input type="radio"/> N / <input type="radio"/> NA Temperature: <u>1</u> °C Sample(s) Intact: <input checked="" type="radio"/> Y / <input type="radio"/> N / <input type="radio"/> NA Custody Seal(s) Intact: <input checked="" type="radio"/> Y / <input type="radio"/> N / <input type="radio"/> NA Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: N/A Dissolved Oxygen: N/A pH: 4.8 Temperature: 55.7°F Turbidity: 169 1661	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: Routine <input type="checkbox"/> *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: Katy Vigi, Emily Okahira, Daniel Bacani

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects

*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 7 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested																
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes				
Project Name: RWB4 Wildfire Response 2025				Project Name: RWB4 Wildfire Response 2025																				
GeoTracker Global ID:				GeoTracker Global ID:																				
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov				Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: Ashduong@ph.lacounty.gov																				
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Aroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes								
1)	SMB 1-14	1/27/25 0913	La Costa Beach, Las Flores Creek	SSW	G	P	1	4	X							1L Plastic HDPE x4								
2)	SMB 1-14	1/27/25 0917	La Costa Beach, Las Flores Creek	SSW	G	G	1	2		X	X					1L Amber Glass x 2								
3)	SMB 1-14	1/27/25 0929	La Costa Beach, Las Flores Creek	SSW	G	P	2	1				X				250 mL Plastic HDPE (Nitric)								
4)	SMB 1-14	1/27/25 0928	La Costa Beach, Las Flores Creek	SSW	G	P	2, 9	1					X			Filtered 250 mL Plastic HDPE (Nitric)								
5)	SMB 1-14	1/27/25 0927	La Costa Beach, Las Flores Creek	SSW	G	P	4	1						X		250 mL Plastic HDPE (Sulfuric)								
6)	SMB 1-14	1/27/25 0919	La Costa Beach, Las Flores Creek	SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)								
7)																								
8)																								
9)																								
10)																								

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1) Yi-Jen W. Chen DPH	<i>[Signature]</i>	01/27/25	14:37				
2) Katy Vigil DPH-ETH	<i>[Signature]</i>	01/27/25	1436	Yi-Jen W. Chen DPH	<i>[Signature]</i>	01/27/25	1437
3) Yi-Jen W. Chen DPH	<i>[Signature]</i>	01/27/25	1525	Daniel Villanova	<i>[Signature]</i>	1/27/25	15:30
4) Daniel Villanova	<i>[Signature]</i>	1/27/25	18:01	John Ochoa/RSN	<i>[Signature]</i>	1/27/25	1801

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other _____	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other _____	Total Number of Sample Containers Received: _____ Sample(s) Properly Cooled: <u>Y</u> / N / NA Temperature: <u>1</u> °C Sample(s) Intact: <u>Y</u> / N / NA Custody Seal(s) Intact: Y / N / <u>NA</u> Sample(s) Accepted: Y / N	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: <u>N/A</u> Dissolved Oxygen: <u>N/A</u> pH: <u>4.7</u> Temperature: <u>50.4°F</u> Turbidity: <u>40.7</u> T661	Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: Katy Vigil, Emy Ofoniva, Daniel Bacani

BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects

*This COC is for Non-CEDEN Projects only, results are not required to be in SWAMP 2.5 EDD Template

Chain of Custody Record & Sample Information

Page 1 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (see Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (see Codes Below)	# of Containers	Analyses Requested								
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PCBc (8082 Atroclors)	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	TOC	Notes	
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID:															Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov
Sample ID	Date	Time	Location														
1)	DPH 001	1/27/25 0940	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	1	4	X					(4X) 1L Plastic HDPE			
2)	DPH 001	1/27/25 0948	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	G	1	2		X	X				(2X) 1L Amber Glass		
3)	DPH 001	1/27/25 0951	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	2	1				X			250 mL Plastic HDPE (Nitric)		
4)	DPH 001	1/27/25 0957	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	2, 9	1					X		Filtered 250 mL Plastic HDPE (Nitric)		
5)	DPH 001	1/27/25 0951	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	4	1						X	250 mL Plastic HDPE (Sulfuric)		
6)	DPH 001	1/27/25 0953	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	G	4	3						X	40mL Amber Vial x3 (Sulfuric)		
7)																	
8)																	
9)																	
10)																	

C5A3038
Rc'd: 01/27/2025 18:01
JLH Manual-PDF



Samples Relinquished By:				Samples Received By:			
Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1) Yi-Jen W. Chen, DPH	Yi-Jen W. Chen	01/27/25	1437				
2) Katy Vigil, DPH-EH	Katy Vigil	01/27/25	1430	Yi-Jen W. Chen, DPH	Yi-Jen W. Chen	01/27/25	1437
3) Yi-Jen W. Chen, DPH	Yi-Jen W. Chen	01/27/25	1525	Daniel Villanueva	Daniel Villanueva	1/27/25	15:30
4) Daniel Villanueva	Daniel Villanueva	1/27/25	18:01	Emily Duncan	Emily Duncan	1/27/25	18:01

Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:	Laboratory Notes:	Special Instructions:	
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other _____	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other _____	Total Number of Sample Containers Received:	Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby Conductivity: N/A Dissolved Oxygen: N/A pH: 4.8 Temperature: 50.4°F Turbidity: 20.2 RBG	Evidence sample handling required? <input type="checkbox"/>	
		Sample(s) Properly Cooled: Y / N / NA		Temperature: 1 °C	Return Shipping Containers? <input type="checkbox"/>
		Sample(s) Intact: Y / N / NA			Turn Around Time: Routine <input type="checkbox"/>
		Custody Seal(s) Intact: Y / N / NA			*3-5 Day (Rush) <input checked="" type="checkbox"/>
		Sample(s) Accepted: Y / N			*48-Hr (Rush) <input type="checkbox"/>
		Send Results to:	OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov		

Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov

Sampler: Katy Vigil, Amy Okohira, Daniel Bacani