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

12 May 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:
05/12/25 22:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Lab ID	Matrix	Station Code	Location Code	Sampled	Received
DPH 107B	C5E0127-01	Sample Water	N/A	N/A	05/01/25 09:25	05/01/25 18:28
DPH 108	C5E0127-02	Sample Water	N/A	N/A	05/01/25 10:50	05/01/25 18:28
SMB 1-18	C5E0127-03	Sample Water	N/A	N/A	05/01/25 11:30	05/01/25 18:28
SMB 3-4	C5E0127-04	Sample Water	N/A	N/A	05/01/25 07:45	05/01/25 18:28
DPH-002	C5E0127-05	Sample Water	N/A	N/A	05/01/25 09:00	05/01/25 18:28
DPH 103	C5E0127-06	Sample Water	N/A	N/A	05/01/25 08:55	05/01/25 18:28
SMB 2-4	C5E0127-07	Sample Water	N/A	N/A	05/01/25 08:17	05/01/25 18:28
SMB 2-7	C5E0127-08	Sample Water	N/A	N/A	05/01/25 10:00	05/01/25 18:28
DPH-105B	C5E0127-09	Sample Water	N/A	N/A	05/01/25 11:10	05/01/25 18:28
SMB 1-16	C5E0127-10	Sample Water	N/A	N/A	05/01/25 10:30	05/01/25 18:28
SMB 2-10	C5E0127-11	Sample Water	N/A	N/A	05/01/25 12:00	05/01/25 18:28
SMB 2-10 Duplicate	C5E0127-12	Sample Water	N/A	N/A	05/01/25 12:35	05/01/25 18:28

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:
05/12/25 22:24

DPH 107B

C5E0127-01 (Liquid, Sampled: 05/01/25 09:25)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	**410**	1.4	10	mg/L	10	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6700**		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1400**	2.1	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, NMint
Anions										
Bicarbonate	**110**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	**110**	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	ND	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2700**	46	50	"	100	5E05249	05/06/25	05/06/25	EPA 300.0	
Solids										
Settleable Solids	**0.2**	0.1	0.1	mL/L	1	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**37000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**170**	1	1	"	2	5E02082	05/02/25	05/02/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**2.8**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.02**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	ND	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	Nconf, NMint
Kjeldahl Nitrogen	**1.0**	0.7	1.0	"	"	5E05199	05/05/25	05/06/25	EPA 351.2	
Total Nitrogen (N)	**1.0**	0.70	1.0	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

DPH 107B

C5E0127-01 (Liquid, Sampled: 05/01/25 09:25)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	280	500	ug/L	10	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**8.1**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.9**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	ND	49	500	"	10	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	ND	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

DPH 107B

C5E0127-01 (Liquid, Sampled: 05/01/25 09:25)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm, Nhdsp

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 107B

C5E0127-01 (Liquid, Sampled: 05/01/25 09:25)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm, Nhdsp

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*103 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.5	6.7	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.2	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.5	6.7	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.5	6.7	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	1.9	4.2	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.4	4.2	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.2	"	"	"	"	"	"	NISm
6:2 Fluorotelomer Sulfonate	ND	1.3	4.2	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.2	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.72	4.2	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.2	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.7	6.7	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.9	6.7	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.8	6.7	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 107B

C5E0127-01 (Liquid, Sampled: 05/01/25 09:25)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.7	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.1	6.7	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.0	6.7	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.0	4.2	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.2	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.2	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.2	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.2	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.7	4.2	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	**2.3**	1.6	4.2	"	"	"	"	"	"	J
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.2	4.2	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.4	4.2	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.2	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.5	4.2	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.6	6.7	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.3	4.2	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.3	4.2	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.6	4.2	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.93	4.2	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.2	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.2	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 107B

C5E0127-01 (Liquid, Sampled: 05/01/25 09:25)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.77	4.2	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

DPH 108

C5E0127-02 (Liquid, Sampled: 05/01/25 10:50)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cations										
Calcium	**400**	1.4	10	mg/L	10	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6600**		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	2.1	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	ND	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2800**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**0.7**	0.09	0.09	mL/L	0.94	5E02083	05/02/25	05/02/25	SM 2540F	NRPDo
Total Dissolved Solids	**36000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**380**	2	2	"	4	5E02082	05/02/25	05/02/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**2.2**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.008**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	J
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.04**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	J
Kjeldahl Nitrogen	**0.8**	0.7	1.0	"	"	5E05199	05/05/25	05/06/25	EPA 351.2	N_RLm, J
Total Nitrogen (N)	**0.85**	0.70	1.0	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

DPH 108

C5E0127-02 (Liquid, Sampled: 05/01/25 10:50)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	280	500	ug/L	10	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**8.0**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.5**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	**61**	49	500	"	10	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm, J
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	ND	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

DPH 108

C5E0127-02 (Liquid, Sampled: 05/01/25 10:50)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm, Nhdsp

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 108

C5E0127-02 (Liquid, Sampled: 05/01/25 10:50)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm, Nhdsp

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*104 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*108 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*99 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.7	7.0	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.4	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.7	7.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.6	7.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.4	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.5	4.4	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.4	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.4	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.4	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.75	4.4	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.7	4.4	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.8	7.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.0	7.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.9	7.0	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 108

C5E0127-02 (Liquid, Sampled: 05/01/25 10:50)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.0	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.3	7.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.2	7.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.1	4.4	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.4	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.4	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.4	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.8	4.4	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.3	4.4	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.5	4.4	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.4	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.6	4.4	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	7.0	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**1.6**	1.3	4.4	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.7	4.4	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.96	4.4	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.4	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.4	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 108

C5E0127-02 (Liquid, Sampled: 05/01/25 10:50)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.80	4.4	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

SMB 1-18

C5E0127-03 (Liquid, Sampled: 05/01/25 11:30)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cations										
Calcium	**390**	7.2	50	mg/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**5900**		50	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1200**	10	50	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1100**	2.1	10	"	1	5E06168	05/06/25	05/06/25	"	N_Filt, NMint
Anions										
Bicarbonate	**140**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.032**	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2600**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**0.7**	0.09	0.09	mL/L	0.948	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**34000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**37**	2	2	"	4	5E02082	05/02/25	05/02/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**3.7**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.03**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01122	05/02/25	05/02/25	SM 4500P E	
Phosphorus, Total as P	**0.09**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	**2.8**	1.8	2.5	"	"	5E05199	05/05/25	05/06/25	EPA 351.2	
Total Nitrogen (N)	**2.8**	1.8	2.5	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

SMB 1-18

C5E0127-03 (Liquid, Sampled: 05/01/25 11:30)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	1400	2500	ug/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	**470**	280	500	"	1	5E06168	05/06/25	05/06/25	"	N_Filt, NMint, J
Arsenic	**8.5**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.5**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	**430**	250	2500	"	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm, J
Iron-Dissolved	ND	49	500	"	1	5E06168	05/06/25	05/06/25	"	N_Filt, N_RLm, NMint
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**80**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	
Manganese-Dissolved	**79**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**120**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**100**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm

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:
05/12/25 22:24

SMB 1-18

C5E0127-03 (Liquid, Sampled: 05/01/25 11:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Zinc-Dissolved	ND	20	40	ug/L	1	5E02081	05/02/25	05/02/25	EPA 200.8	N_Filt, N_RLm
Volatile Organic Compounds by EPA 624.1										**N_RLm**
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 1-18

C5E0127-03 (Liquid, Sampled: 05/01/25 11:30)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Toluene	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	
Trichlorofluoromethane	ND		500	"	"	"	"	"	"	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*104 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.7	6.9	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.3	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.6	6.9	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.5	6.9	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.3	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.5	4.3	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.3	"	"	"	"	"	"	NISm
6:2 Fluorotelomer Sulfonate	ND	1.3	4.3	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.3	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.74	4.3	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.3	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.8	6.9	"	"	"	"	"	"	NISm

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:
05/12/25 22:24

SMB 1-18

C5E0127-03 (Liquid, Sampled: 05/01/25 11:30)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.9	6.9	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	ND	2.8	6.9	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.9	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.2	6.9	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.1	6.9	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.1	4.3	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	**3.0**	1.8	4.3	"	"	"	"	"	"	J
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.3	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.3	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.3	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.8	4.3	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.3	4.3	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.5	4.3	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.3	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.5	4.3	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	6.9	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**2.5**	1.3	4.3	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.3	4.3	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.7	4.3	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 1-18

C5E0127-03 (Liquid, Sampled: 05/01/25 11:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoropentanoic acid (PFPeA)	**1.7**	0.95	4.3	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	J
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.79	4.3	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 3-4

C5E0127-04 (Liquid, Sampled: 05/01/25 07:45)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	**420**	7.2	50	mg/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6600**		50	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	10	50	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	ND	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2800**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**0.6**	0.1	0.1	mL/L	1	5E02145	05/02/25	05/02/25	SM 2540F	NRPDo
Total Dissolved Solids	**37000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**300**	10	10	"	20	5E04177	05/04/25	05/04/25	SM 2540D	N_noH
Aggregate Organic Compounds										
Total Organic Carbon	**2.4**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.01**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.04**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	J
Kjeldahl Nitrogen	**1.1**	0.9	1.2	"	"	5E05199	05/05/25	05/06/25	EPA 351.2	N_RLm, J
Total Nitrogen (N)	**1.1**	0.88	1.3	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

SMB 3-4

C5E0127-04 (Liquid, Sampled: 05/01/25 07:45)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	1400	2500	ug/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**9.0**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.8**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	ND	250	2500	"	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	ND	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Manganese-Dissolved	ND	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**120**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

SMB 3-4

C5E0127-04 (Liquid, Sampled: 05/01/25 07:45)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
										N_RLm
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 3-4

C5E0127-04 (Liquid, Sampled: 05/01/25 07:45)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*103 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.6	6.8	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.3	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.6	6.8	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.5	6.8	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.3	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.5	4.3	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.3	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.3	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.3	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.73	4.3	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.3	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.7	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.9	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.8	6.8	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 3-4

C5E0127-04 (Liquid, Sampled: 05/01/25 07:45)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.8	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.2	6.8	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.1	6.8	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.0	4.3	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.3	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.3	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.3	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.3	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.7	4.3	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.2	4.3	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.5	4.3	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.3	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.5	4.3	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.6	6.8	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.3	4.3	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.3	4.3	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.6	4.3	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.94	4.3	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.3	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 3-4

C5E0127-04 (Liquid, Sampled: 05/01/25 07:45)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.78	4.3	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

DPH-002

C5E0127-05 (Liquid, Sampled: 05/01/25 09:00)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	**390**	3.6	25	mg/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6300**		25	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	5.2	25	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1100**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**130**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.022**	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2600**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**0.1**	0.1	0.1	mL/L	1	5E02145	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**35000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**220**	0.7	0.7	"	1.33333	5E02082	05/02/25	05/02/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**1.9**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.02**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	**0.050**		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.05**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	**1.8**	0.9	1.2	"	"	5E05199	05/05/25	05/06/25	EPA 351.2	
Total Nitrogen (N)	**1.8**	0.88	1.3	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

DPH-002

C5E0127-05 (Liquid, Sampled: 05/01/25 09:00)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	690	1200	ug/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**7.8**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.1**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	**120**	120	1200	"	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm, J
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**52**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	
Manganese-Dissolved	**34**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

DPH-002

C5E0127-05 (Liquid, Sampled: 05/01/25 09:00)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

N_RLm

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:
05/12/25 22:24

DPH-002

C5E0127-05 (Liquid, Sampled: 05/01/25 09:00)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*103 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.8	7.1	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.4	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.7	7.1	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.6	7.1	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.4	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.6	4.4	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.8	4.4	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.4	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.2	4.4	"	"	"	"	"	"	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.76	4.4	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.7	4.4	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.9	7.1	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.0	7.1	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.9	7.1	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH-002

C5E0127-05 (Liquid, Sampled: 05/01/25 09:00)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.1	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.3	7.1	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.3	7.1	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.1	4.4	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	**2.3**	1.9	4.4	"	"	"	"	"	"	J
Perfluorodecanesulfonic acid (PFDS)	ND	2.5	4.4	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.4	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.9	4.4	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.8	4.4	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.7	4.4	"	"	"	"	"	"	NISm
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.4	4.4	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.6	4.4	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.0	4.4	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.6	4.4	"	"	"	"	"	"	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	7.1	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**3.0**	1.3	4.4	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.7	4.4	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	**1.6**	0.98	4.4	"	"	"	"	"	"	J
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.2	4.4	"	"	"	"	"	"	NISm
Perfluorotridecanoic Acid (PFTrDA)	ND	1.2	4.4	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH-002

C5E0127-05 (Liquid, Sampled: 05/01/25 09:00)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.82	4.4	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

DPH 103

C5E0127-06 (Liquid, Sampled: 05/01/25 08:55)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cations										
Calcium	**410**	3.6	25	mg/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6600**		25	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	5.2	25	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**130**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.0060**	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	J
Sulfate	**2700**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**3.8**	0.1	0.1	mL/L	1	5E02145	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**36000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**420**	10	10	"	20	5E04177	05/04/25	05/04/25	SM 2540D	N_noH
Aggregate Organic Compounds										
Total Organic Carbon	**3.0**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.02**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	ND	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	**0.9**	0.07	0.1	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	
Total Nitrogen (N)	**0.94**	0.073	0.11	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

DPH 103

C5E0127-06 (Liquid, Sampled: 05/01/25 08:55)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	690	1200	ug/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**9.7**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**8.7**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	**610**	120	1200	"	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm, J
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**29**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Manganese-Dissolved	**10**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

DPH 103

C5E0127-06 (Liquid, Sampled: 05/01/25 08:55)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
										N_RLm
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 103

C5E0127-06 (Liquid, Sampled: 05/01/25 08:55)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*103 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*106 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*94 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.4	6.6	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.1	4.1	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.4	6.6	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.4	6.6	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	1.9	4.1	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.4	4.1	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.6	4.1	"	"	"	"	"	"	NISm
6:2 Fluorotelomer Sulfonate	ND	1.2	4.1	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.1	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.70	4.1	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.1	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.6	6.6	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.8	6.6	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.7	6.6	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 103

C5E0127-06 (Liquid, Sampled: 05/01/25 08:55)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.1	6.6	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.0	6.6	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	3.9	6.6	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.0	4.1	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.7	4.1	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.3	4.1	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.2	4.1	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.7	4.1	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.1	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.6	4.1	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.1	"	"	"	"	"	"	NISm
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.1	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.1	4.1	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.4	4.1	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.8	4.1	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.4	4.1	"	"	"	"	"	"	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	2.5	6.6	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**2.4**	1.2	4.1	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.2	4.1	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.5	4.1	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.90	4.1	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.1	"	"	"	"	"	"	NISm
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.1	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH 103

C5E0127-06 (Liquid, Sampled: 05/01/25 08:55)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.75	4.1	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

SMB 2-4

C5E0127-07 (Liquid, Sampled: 05/01/25 08:17)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cations										
Calcium	**440**	7.2	50	mg/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6800**		50	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1400**	10	50	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	ND	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2800**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**8.0**	0.1	0.1	mL/L	1	5E02145	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**37000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**2700**	20	20	"	40	5E04177	05/04/25	05/04/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**4.5**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.01**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.10**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	**1.3**	0.07	0.1	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	
Total Nitrogen (N)	**1.3**	0.073	0.11	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

SMB 2-4

C5E0127-07 (Liquid, Sampled: 05/01/25 08:17)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	1400	2500	ug/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**11**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.1**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_RLm, N_Filt, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	**1700**	250	2500	"	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm, J
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**96**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	
Manganese-Dissolved	**14**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

SMB 2-4

C5E0127-07 (Liquid, Sampled: 05/01/25 08:17)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

N_RLm

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:
05/12/25 22:24

SMB 2-4

C5E0127-07 (Liquid, Sampled: 05/01/25 08:17)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*103 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.6	6.8	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.3	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.6	6.8	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.5	6.8	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.3	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.5	4.3	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.3	"	"	"	"	"	"	NISm
6:2 Fluorotelomer Sulfonate	ND	1.3	4.3	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.3	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.74	4.3	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.3	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.8	6.8	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.9	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.8	6.8	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-4

C5E0127-07 (Liquid, Sampled: 05/01/25 08:17)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.8	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.2	6.8	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.1	6.8	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.1	4.3	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.3	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.3	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.3	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.3	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.7	4.3	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.3	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.3	4.3	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.5	4.3	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.3	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.5	4.3	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	6.8	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.3	4.3	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.3	4.3	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.7	4.3	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.94	4.3	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.3	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-4

C5E0127-07 (Liquid, Sampled: 05/01/25 08:17)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.79	4.3	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

SMB 2-7

C5E0127-08 (Liquid, Sampled: 05/01/25 10:00)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cations										
Calcium	**410**	7.2	50	mg/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6500**		50	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	10	50	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.0070**	0.0024	0.010	"	1	5E07165	05/07/25	05/07/25	EPA 353.2	J
Sulfate	**2800**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**0.1**	0.1	0.1	mL/L	1	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**37000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**140**	5	5	"	10	5E04177	05/04/25	05/04/25	SM 2540D	N_noH
Aggregate Organic Compounds										
Total Organic Carbon	**2.8**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.01**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.07**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	**0.6**	0.4	0.5	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	
Total Nitrogen (N)	**0.65**	0.35	0.51	"	"	[CALC]	05/07/25	05/07/25	Calculation	

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:
05/12/25 22:24

SMB 2-7

C5E0127-08 (Liquid, Sampled: 05/01/25 10:00)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	1400	2500	ug/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**9.4**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.5**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	ND	250	2500	"	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**17**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Manganese-Dissolved	**11**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_RLm, N_Filt, J
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**130**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

SMB 2-7

C5E0127-08 (Liquid, Sampled: 05/01/25 10:00)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

N_RLm

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:
05/12/25 22:24

SMB 2-7

C5E0127-08 (Liquid, Sampled: 05/01/25 10:00)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*104 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*108 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.4	6.6	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.1	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.5	6.6	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.4	6.6	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	1.9	4.1	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.4	4.1	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.6	4.1	"	"	"	"	"	"	NISm
6:2 Fluorotelomer Sulfonate	ND	1.2	4.1	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.1	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.71	4.1	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.1	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.6	6.6	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.8	6.6	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.7	6.6	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-7

C5E0127-08 (Liquid, Sampled: 05/01/25 10:00)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.1	6.6	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.0	6.6	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	3.9	6.6	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.0	4.1	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.7	4.1	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.3	4.1	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.2	4.1	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.7	4.1	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.1	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.6	4.1	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.1	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.1	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.1	4.1	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.4	4.1	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.8	4.1	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.4	4.1	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.5	6.6	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**1.7**	1.2	4.1	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.2	4.1	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.5	4.1	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.90	4.1	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.1	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.1	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-7

C5E0127-08 (Liquid, Sampled: 05/01/25 10:00)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.76	4.1	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

DPH-105B

C5E0127-09 (Liquid, Sampled: 05/01/25 11:10)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	**390**	3.6	25	mg/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6300**		25	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	5.2	25	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	2.1	10	"	1	5E06168	05/06/25	05/06/25	"	N_Filt
Anions										
Bicarbonate	**130**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.0060**	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	J
Sulfate	**2800**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**12**	0.1	0.1	mL/L	0.967	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**37000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**1500**	5	5	"	10	5E04177	05/04/25	05/04/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**3.0**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.01**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.06**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	**0.9**	0.9	1.2	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	N_RLm, J
Total Nitrogen (N)	**0.91**	0.88	1.3	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

DPH-105B

C5E0127-09 (Liquid, Sampled: 05/01/25 11:10)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	690	1200	ug/L	25	5E08121	05/08/25	05/09/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	280	500	"	1	5E09127	05/09/25	05/09/25	"	N_Filt, N_RLm
Arsenic	**9.2**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.0**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_RLm, N_Filt
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	ND	120	1200	"	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	49	500	"	1	5E06168	05/06/25	05/06/25	"	N_Filt, N_RLm
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**11**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Manganese-Dissolved	**8.0**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**110**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_TD
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm

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:
05/12/25 22:24

DPH-105B

C5E0127-09 (Liquid, Sampled: 05/01/25 11:10)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals and Metalloids										
Zinc-Dissolved	ND	20	40	ug/L	1	5E02081	05/02/25	05/02/25	EPA 200.8	N_Filt, N_RLm
Volatile Organic Compounds by EPA 624.1										**N_RLm**
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH-105B

C5E0127-09 (Liquid, Sampled: 05/01/25 11:10)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Toluene	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	
Trichlorofluoromethane	ND		500	"	"	"	"	"	"	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*103 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*107 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.5	6.7	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	NISm
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.2	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.5	6.7	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.4	6.7	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	1.9	4.2	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.4	4.2	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.2	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.2	"	"	"	"	"	"	NISm
8:2 Fluorotelomer Sulfonate	ND	1.1	4.2	"	"	"	"	"	"	NISm
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.72	4.2	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.2	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.7	6.7	"	"	"	"	"	"	NISm

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:
05/12/25 22:24

DPH-105B

C5E0127-09 (Liquid, Sampled: 05/01/25 11:10)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.8	6.7	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.8	6.7	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.7	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.1	6.7	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.0	6.7	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.0	4.2	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.2	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.3	4.2	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.2	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.2	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.7	4.2	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.2	4.2	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.4	4.2	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.8	4.2	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.4	4.2	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.6	6.7	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**1.8**	1.3	4.2	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.3	4.2	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.6	4.2	"	"	"	"	"	"	

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:
05/12/25 22:24

DPH-105B

C5E0127-09 (Liquid, Sampled: 05/01/25 11:10)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Perfluoropentanoic acid (PFPeA)	ND	0.92	4.2	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.2	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.2	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.77	4.2	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 1-16

C5E0127-10 (Liquid, Sampled: 05/01/25 10:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	**400**	7.2	50	mg/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6400**		50	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	10	50	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1300**	2.1	10	"	1	5E06168	05/06/25	05/06/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.0040**	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	J
Sulfate	**2800**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**0.3**	0.09	0.09	mL/L	0.921	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**37000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**210**	1	1	"	2	5E02082	05/02/25	05/02/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**2.3**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.02**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01121	05/01/25	05/01/25	SM 4500P E	
Phosphorus, Total as P	**0.07**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	
Kjeldahl Nitrogen	ND	0.9	1.2	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.88	1.3	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

SMB 1-16

C5E0127-10 (Liquid, Sampled: 05/01/25 10:30)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	1400	2500	ug/L	50	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	**400**	280	500	"	1	5E06168	05/06/25	05/06/25	"	J, N_Filt
Arsenic	**9.0**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm, J
Arsenic-Dissolved	**9.1**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	**0.58**	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm, J
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	**340**	250	2500	"	50	5E02097	05/02/25	05/05/25	EPA 200.7	J, N_RLm
Iron-Dissolved	ND	49	500	"	1	5E06168	05/06/25	05/06/25	"	N_Filt, N_RLm
Mercury	ND	0.56	1.0	"	"	5E02074	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**19**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	**11**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	J, N_Filt, N_RLm
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_RLm, N_Filt
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

SMB 1-16

C5E0127-10 (Liquid, Sampled: 05/01/25 10:30)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
										N_RLm
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 1-16

C5E0127-10 (Liquid, Sampled: 05/01/25 10:30)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/03/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*102 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10:2 Fluorotelomer sulfonate	ND	4.8	7.1	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.4	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.7	7.1	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.6	7.1	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.4	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.6	4.4	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.8	4.4	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.4	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.2	4.4	"	"	"	"	"	"	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.76	4.4	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.7	4.4	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.9	7.1	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.0	7.1	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.9	7.1	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 1-16

C5E0127-10 (Liquid, Sampled: 05/01/25 10:30)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.1	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.3	7.1	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.3	7.1	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.1	4.4	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.9	4.4	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.5	4.4	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.4	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.9	4.4	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.8	4.4	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	**4.2**	1.7	4.4	"	"	"	"	"	"	J, NISm
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.4	4.4	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.6	4.4	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.0	4.4	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.6	4.4	"	"	"	"	"	"	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	7.1	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.3	4.4	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.7	4.4	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.98	4.4	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.2	4.4	"	"	"	"	"	"	NISm
Perfluorotridecanoic Acid (PFTrDA)	ND	1.2	4.4	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 1-16

C5E0127-10 (Liquid, Sampled: 05/01/25 10:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.82	4.4	ng/L	1	5E05186	05/05/25	05/06/25	ESB SOP T758	

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:
05/12/25 22:24

SMB 2-10

C5E0127-11 (Liquid, Sampled: 05/01/25 12:00)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	**390**	3.6	25	mg/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6300**		25	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1300**	5.2	25	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1300**	2.1	10	"	1	5E06168	05/06/25	05/06/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	ND	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	
Sulfate	**2700**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**3.9**	0.1	0.1	mL/L	0.967	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**36000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**1000**	5	5	"	10	5E04177	05/04/25	05/04/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	**2.0**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	**0.008**	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	J
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01122	05/02/25	05/02/25	SM 4500P E	
Phosphorus, Total as P	**0.04**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	J
Kjeldahl Nitrogen	ND	0.9	1.2	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.88	1.3	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

SMB 2-10

C5E0127-11 (Liquid, Sampled: 05/01/25 12:00)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	690	1200	ug/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	**460**	280	500	"	1	5E06168	05/06/25	05/06/25	"	J, N_Filt
Arsenic	**8.6**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	**8.7**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	J, N_Filt, N_RLm
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	ND	120	1200	"	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	49	500	"	1	5E06168	05/06/25	05/06/25	"	N_Filt, N_RLm
Mercury	ND	0.56	1.0	"	"	5E05206	05/05/25	05/06/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	5E02076	05/02/25	05/02/25	"	N_Filt
Manganese	**16**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	**12**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	J, N_Filt, N_RLm
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**110**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

SMB 2-10

C5E0127-11 (Liquid, Sampled: 05/01/25 12:00)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/04/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

N_RLm

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:
05/12/25 22:24

SMB 2-10

C5E0127-11 (Liquid, Sampled: 05/01/25 12:00)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/04/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*102 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*107 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

10:2 Fluorotelomer sulfonate	ND	4.7	7.0	ng/L	1	5E05186	05/05/25	05/07/25	ESB SOP T758	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.4	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.7	7.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.6	7.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.0	4.4	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.5	4.4	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.4	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.4	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.1	4.4	"	"	"	"	"	"	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.75	4.4	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.7	4.4	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.8	7.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.0	7.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.9	7.0	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-10

C5E0127-11 (Liquid, Sampled: 05/01/25 12:00)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.0	ng/L	1	5E05186	05/05/25	05/07/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.3	7.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.2	7.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.1	4.4	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.4	"	"	"	"	"	"	NISm
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.4	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.4	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.8	4.4	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.7	4.4	"	"	"	"	"	"	NISm
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.7	4.4	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.3	4.4	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.5	4.4	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.4	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.6	4.4	"	"	"	"	"	"	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	7.0	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**2.4**	1.3	4.4	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.7	4.4	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	**1.0**	0.96	4.4	"	"	"	"	"	"	J
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.4	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.4	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-10

C5E0127-11 (Liquid, Sampled: 05/01/25 12:00)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.80	4.4	ng/L	1	5E05186	05/05/25	05/07/25	ESB SOP T758	

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:
05/12/25 22:24

SMB 2-10 Duplicate

C5E0127-12 (Liquid, Sampled: 05/01/25 12:35)

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cations										
Calcium	**390**	3.6	25	mg/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	
Total Hardness	**6100**		25	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	**1200**	5.2	25	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	**1200**	0.42	2.0	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Anions										
Bicarbonate	**120**	5.0	5.0	mg/L as CaCO3	1	5E05218	05/05/25	05/05/25	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	6.0	10	mg/L	50	5E01110	05/02/25	05/02/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	**0.0030**	0.0024	0.010	"	1	5E02134	05/02/25	05/02/25	EPA 353.2	J
Sulfate	**2700**	23	25	"	50	5E01110	05/02/25	05/02/25	EPA 300.0	
Solids										
Settleable Solids	**4.3**	0.1	0.1	mL/L	0.96	5E02083	05/02/25	05/02/25	SM 2540F	
Total Dissolved Solids	**36000**	500	500	mg/L	50	5E02113	05/02/25	05/02/25	SM 2540C	
Total Suspended Solids	**350**	10	10	"	20	5E04177	05/04/25	05/04/25	SM 2540D	N_noH
Aggregate Organic Compounds										
Total Organic Carbon	**1.8**		0.70	mg/L	1	5E05188	05/05/25	05/05/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	ND	0.008	0.01	mg/L	1	5E07156	05/07/25	05/07/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5E01122	05/02/25	05/02/25	SM 4500P E	
Phosphorus, Total as P	**0.04**	0.02	0.05	"	"	5E02121	05/02/25	05/05/25	"	J
Kjeldahl Nitrogen	ND	0.9	1.2	"	"	5E05201	05/06/25	05/06/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.88	1.3	"	"	[CALC]	"	"	Calculation	

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:
05/12/25 22:24

SMB 2-10 Duplicate

C5E0127-12 (Liquid, Sampled: 05/01/25 12:35)

Babcock Laboratories, Inc. - Riverside

Metals and Metalloids

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aluminum	ND	690	1200	ug/L	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	55	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt, N_RLm
Arsenic	**9.1**	2.9	20	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	**9.1**	7.1	20	"	1	5E02081	05/02/25	05/02/25	"	J, N_Filt, N_RLm
Beryllium	ND		40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Beryllium-Dissolved	ND		40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Cadmium	ND	0.44	4.0	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Cadmium-Dissolved	ND	0.44	8.0	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Total Chromium	ND	16	80	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Hexavalent Chromium	ND		1.0	"	10	5E02088	05/03/25	05/03/25	EPA 218.6	N_RLm
Copper	ND	6.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	N_RLm
Copper-Dissolved	ND	6.5	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Iron	ND	120	1200	"	25	5E02097	05/02/25	05/05/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	9.9	100	"	1	5E05172	05/05/25	05/05/25	"	N_Filt
Mercury	ND	0.56	1.0	"	"	5E02076	05/02/25	05/02/25	SM 3112B	
Mercury-Dissolved	ND	0.56	1.0	"	"	"	"	05/02/25	"	N_Filt
Manganese	**15**	7.5	40	"	4	5E02080	05/02/25	05/02/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	**7.6**	7.5	40	"	1	5E02081	05/02/25	05/02/25	"	J, N_Filt, N_RLm
Nickel	ND	13	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Lead	ND	6.2	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Lead-Dissolved	ND	6.2	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm
Selenium	**130**	6.7	20	"	4	5E02080	05/02/25	05/02/25	"	
Selenium-Dissolved	**120**	6.7	20	"	1	5E02081	05/02/25	05/02/25	"	N_Filt
Zinc	ND	20	40	"	4	5E02080	05/02/25	05/02/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5E02081	05/02/25	05/02/25	"	N_Filt, N_RLm

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:
05/12/25 22:24

SMB 2-10 Duplicate

C5E0127-12 (Liquid, Sampled: 05/01/25 12:35)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
										N_RLm
1,1,1-Trichloroethane	ND		50	ug/L	100	5E03067	05/03/25	05/04/25	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,2-Dichloroethane	ND		50	"	"	"	"	"	"	
1,2-Dichloropropane	ND		50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		50	"	"	"	"	"	"	
2-Chloroethylvinyl Ether	ND		500	"	"	"	"	"	"	NCEVE
Acrolein	ND		1000	"	"	"	"	"	"	
Acrylonitrile	ND		1000	"	"	"	"	"	"	
Benzene	ND		50	"	"	"	"	"	"	
Bromodichloromethane	ND		50	"	"	"	"	"	"	
Bromoform	ND		100	"	"	"	"	"	"	
Bromomethane	ND		50	"	"	"	"	"	"	
Carbon Tetrachloride	ND		50	"	"	"	"	"	"	
Chlorobenzene	ND		50	"	"	"	"	"	"	
Chloroethane	ND		50	"	"	"	"	"	"	
Chloroform	ND		50	"	"	"	"	"	"	
Chloromethane	ND		50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Dibromochloromethane	ND		50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		50	"	"	"	"	"	"	
Ethylbenzene	ND		50	"	"	"	"	"	"	
Methyl tert Butyl Ether	ND		500	"	"	"	"	"	"	
Methylene Chloride	ND		300	"	"	"	"	"	"	
Tetrachloroethene	ND		50	"	"	"	"	"	"	
Toluene	ND		50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		50	"	"	"	"	"	"	
Trichloroethene	ND		50	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-10 Duplicate

C5E0127-12 (Liquid, Sampled: 05/01/25 12:35)

Babcock Laboratories, Inc. - Riverside

Volatile Organic Compounds by EPA 624.1

N_RLm

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trichlorofluoromethane	ND		500	ug/L	100	5E03067	05/03/25	05/04/25	EPA 624.1	
Vinyl Chloride	ND		50	"	"	"	"	"	"	
Xylenes (m+p)	ND		50	"	"	"	"	"	"	
Xylenes (ortho)	ND		50	"	"	"	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			*102 %*	*80-120*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*107 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8			*99 %*	*80-120*		"	"	"	"	

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10:2 Fluorotelomer sulfonate	ND	4.6	6.8	ng/L	1	5E05186	05/05/25	05/07/25	ESB SOP T758	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.2	4.2	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.5	6.8	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.5	6.8	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	1.9	4.2	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.4	4.2	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.7	4.2	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.2	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.1	4.2	"	"	"	"	"	"	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.73	4.2	"	"	"	"	"	"	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.2	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.7	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.9	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.8	6.8	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-10 Duplicate

C5E0127-12 (Liquid, Sampled: 05/01/25 12:35)

Babcock Laboratories, Inc. - Riverside

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.8	ng/L	1	5E05186	05/05/25	05/07/25	ESB SOP T758	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.1	6.8	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.1	6.8	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.0	4.2	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	1.8	4.2	"	"	"	"	"	"	NISm
Perfluorodecanesulfonic acid (PFDS)	ND	2.4	4.2	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.2	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	4.2	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.7	4.2	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.6	4.2	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.2	4.2	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.4	4.2	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	1.9	4.2	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.5	4.2	"	"	"	"	"	"	
Perfluorooctane Sulfonamide (PFOSA)	ND	2.6	6.8	"	"	"	"	"	"	
Perfluorooctanesulfonic Acid (PFOS)	**2.7**	1.3	4.2	"	"	"	"	"	"	J
Perfluorooctanoic Acid (PFOA)	ND	2.3	4.2	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.6	4.2	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.93	4.2	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.2	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTrDA)	ND	1.1	4.2	"	"	"	"	"	"	

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:
05/12/25 22:24

SMB 2-10 Duplicate

C5E0127-12 (Liquid, Sampled: 05/01/25 12:35)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)										
Perfluoroundecanoic Acid (PFUnA)	ND	0.78	4.2	ng/L	1	5E05186	05/05/25	05/07/25	ESB SOP T758	

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:
05/12/25 22:24

Cations - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E02097, Prep Method: EPA 200.2, Analyst: ALD											
Blank (5E02097-BLK1)					Prepared: 05/02/25 Analyzed: 05/05/25						
Calcium	ND	0.14	1.0	mg/L							
Magnesium	ND	0.21	1.0	"							
LCS (5E02097-BS1)					Prepared: 05/02/25 Analyzed: 05/05/25						
Calcium	17.1	0.14	1.0	mg/L	17.0		100	85-115			
Magnesium	16.9	0.21	1.0	"	17.0		99	85-115			
Duplicate (5E02097-DUP1)		**Source: C5D4121-01**			Prepared: 05/02/25 Analyzed: 05/06/25						
Calcium	20.5	0.14	1.0	mg/L		20.5			0.1	20	
Magnesium	3.96	0.21	1.0	"		3.90			2	20	
Matrix Spike (5E02097-MS1)		**Source: C5D4121-01**			Prepared: 05/02/25 Analyzed: 05/06/25						
Calcium	36.6	0.14	1.0	mg/L	17.0	20.5	95	70-130			
Magnesium	20.7	0.21	1.0	"	17.0	3.90	99	70-130			
Matrix Spike Dup (5E02097-MSD1)		**Source: C5D4121-01**			Prepared: 05/02/25 Analyzed: 05/06/25						
Calcium	36.9	0.14	1.0	mg/L	17.0	20.5	96	70-130	0.6	20	
Magnesium	20.6	0.21	1.0	"	17.0	3.90	98	70-130	0.4	20	
Batch 5E05172, Prep Method: 200.7/ No Digest, Analyst: ALD											
Blank (5E05172-BLK1)					Prepared & Analyzed: 05/05/25						
Magnesium-Dissolved	ND	0.21	1.0	mg/L							
Blank (5E05172-BLK2)					Prepared & Analyzed: 05/05/25						
Magnesium-Dissolved	ND	0.21	1.0	mg/L							

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:
05/12/25 22:24

Cations - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05172, Prep Method: 200.7/ No Digest, Analyst: ALD											
LCS (5E05172-BS1)					Prepared & Analyzed: 05/05/25						
Magnesium-Dissolved	15.6	0.21	1.0	mg/L	16.4		95	85-115			
Duplicate (5E05172-DUP1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Magnesium-Dissolved	1190	0.42	2.0	mg/L		1180			0.5	20	
Matrix Spike (5E05172-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Magnesium-Dissolved	1180	0.42	2.0	mg/L	32.8	1180	8	70-130			QMint
Matrix Spike Dup (5E05172-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Magnesium-Dissolved	1190	0.42	2.0	mg/L	32.8	1180	25	70-130	0.5	20	QMint

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:
05/12/25 22:24

Anions - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E01110, Prep Method: N/A, Analyst: JXM											
Blank (5E01110-BLK1)					Prepared & Analyzed: 05/01/25						
Sulfate	ND	0.46	0.50	mg/L							
Nitrate as N	ND	0.12	0.20	"							
LCS (5E01110-BS1)					Prepared & Analyzed: 05/01/25						
Sulfate	24.8	0.46	0.50	mg/L	25.0		99	90-110			
Nitrate as N	5.60	0.12	0.20	"	5.65		99	90-110			
Duplicate (5E01110-DUP1)		**Source: C5E0090-03**			Prepared & Analyzed: 05/01/25						
Sulfate	33.4	0.46	0.50	mg/L		33.5			0.3	25	
Nitrate as N	0.142	0.12	0.20	"		0.144			0.9	20	J
Matrix Spike (5E01110-MS1)		**Source: C5E0090-03**			Prepared & Analyzed: 05/01/25						
Sulfate	59.2	0.46	0.50	mg/L	25.0	33.5	103	80-120			
Nitrate as N	5.84	0.12	0.20	"	5.65	0.144	101	80-120			
Matrix Spike (5E01110-MS2)		**Source: C5E0127-12**			Prepared & Analyzed: 05/02/25						
Sulfate	4030	24	26	mg/L	1250	2710	105	80-120			
Nitrate as N	281	6.2	10	"	282	ND	99	80-120			
Matrix Spike Dup (5E01110-MSD1)		**Source: C5E0090-03**			Prepared & Analyzed: 05/01/25						
Sulfate	59.2	0.46	0.50	mg/L	25.0	33.5	103	80-120	0.04	25	
Nitrate as N	5.74	0.12	0.20	"	5.65	0.144	99	80-120	2	25	
Batch 5E02134, Prep Method: N/A, Analyst: TRS											
Blank (5E02134-BLK1)					Prepared & Analyzed: 05/02/25						
Nitrate/Nitrite as N	ND	0.0024	0.010	mg/L							

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:
05/12/25 22:24

Anions - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E02134, Prep Method: N/A, Analyst: TRS											
LCS (5E02134-BS1)					Prepared & Analyzed: 05/02/25						
Nitrate/Nitrite as N	0.505	0.0024	0.010	mg/L	0.500		101	90-110			
Duplicate (5E02134-DUP1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Nitrate/Nitrite as N	0.00300	0.0024	0.010	mg/L		ND				20	J
Matrix Spike (5E02134-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Nitrate/Nitrite as N	0.468	0.0024	0.010	mg/L	0.500	ND	94	90-110			
Matrix Spike (5E02134-MS2)		**Source: C5E0127-02**			Prepared & Analyzed: 05/02/25						
Nitrate/Nitrite as N	0.473	0.0024	0.010	mg/L	0.500	ND	95	90-110			
Matrix Spike Dup (5E02134-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Nitrate/Nitrite as N	0.482	0.0024	0.010	mg/L	0.500	ND	96	90-110	3	20	
Batch 5E05218, Prep Method: N/A, Analyst: GMB											
Blank (5E05218-BLK1)					Prepared & Analyzed: 05/05/25						
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 (5E05218-BS3)					Prepared & Analyzed: 05/05/25						
Total Alkalinity	1250	5.0	5.0	mg/L as CaCO3	1250		100	90-110			
Carbonate	1240	5.0	5.0	"	1250		99	90-110			
Duplicate (5E05218-DUP1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Total Alkalinity	112	5.0	5.0	mg/L as CaCO3		112			0.009	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	112	5.0	5.0	"		112			0.009	25	

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:
05/12/25 22:24

Anions - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05218, Prep Method: N/A, Analyst: GMB											
Duplicate (5E05218-DUP2)		**Source: C5E0247-01**			Prepared & Analyzed: 05/05/25						
Total Alkalinity	183	5.0	5.0	mg/L as CaCO3		191			4	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	183	5.0	5.0	"		191			4	25	
Matrix Spike (5E05218-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Total Alkalinity	1390	5.0	5.0	mg/L as CaCO3	1250	112	103	80-120			
Matrix Spike Dup (5E05218-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Total Alkalinity	1430	5.0	5.0	mg/L as CaCO3	1250	112	105	80-120	2	25	
Batch 5E05249, Prep Method: N/A, Analyst: JXM											
Blank (5E05249-BLK1)					Prepared & Analyzed: 05/06/25						
Sulfate	ND	0.46	0.50	mg/L							
LCS (5E05249-BS1)					Prepared & Analyzed: 05/06/25						
Sulfate	24.7	0.46	0.50	mg/L	25.0		99	90-110			
Duplicate (5E05249-DUP1)		**Source: C5E0127-01RE1**			Prepared & Analyzed: 05/06/25						
Sulfate	2650	46	50	mg/L		2700			2	25	
Matrix Spike (5E05249-MS1)		**Source: C5E0462-01**			Prepared & Analyzed: 05/06/25						
Sulfate	167	0.46	0.50	mg/L	25.0	142	97	80-120			
Matrix Spike (5E05249-MS2)		**Source: C5E0471-01**			Prepared & Analyzed: 05/06/25						
Sulfate	147	0.46	0.50	mg/L	25.0	122	100	80-120			

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:
05/12/25 22:24

Anions - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05249, Prep Method: N/A, Analyst: JXM											
Matrix Spike (5E05249-MS3)		**Source: C5E0127-01RE1**			Prepared & Analyzed: 05/06/25						
Sulfate	5430	48	52	mg/L	2500	2700	109	80-120			
Matrix Spike Dup (5E05249-MSD1)		**Source: C5E0462-01**			Prepared & Analyzed: 05/06/25						
Sulfate	168	0.46	0.50	mg/L	25.0	142	101	80-120	0.5	25	
Batch 5E07165, Prep Method: N/A, Analyst: TRS											
Blank (5E07165-BLK1)					Prepared & Analyzed: 05/07/25						
Nitrate/Nitrite as N	ND	0.0024	0.010	mg/L							
LCS (5E07165-BS1)					Prepared & Analyzed: 05/07/25						
Nitrate/Nitrite as N	0.506	0.0024	0.010	mg/L	0.500		101	90-110			
Duplicate (5E07165-DUP1)		**Source: C5D3596-01**			Prepared & Analyzed: 05/07/25						
Nitrate/Nitrite as N	0.00500	0.0024	0.010	mg/L		0.00300			50	20	QRPDI, J
Matrix Spike (5E07165-MS1)		**Source: C5D3596-01**			Prepared & Analyzed: 05/07/25						
Nitrate/Nitrite as N	0.522	0.0024	0.010	mg/L	0.500	0.00300	104	90-110			
Matrix Spike (5E07165-MS2)		**Source: C5D3599-01**			Prepared & Analyzed: 05/07/25						
Nitrate/Nitrite as N	0.520	0.0024	0.010	mg/L	0.500	0.00700	103	90-110			
Matrix Spike Dup (5E07165-MSD1)		**Source: C5D3596-01**			Prepared & Analyzed: 05/07/25						
Nitrate/Nitrite as N	0.531	0.0024	0.010	mg/L	0.500	0.00300	106	90-110	2	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:
05/12/25 22:24

Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E01124, Prep Method: N/A, Analyst: EZP											
Duplicate (5E01124-DUP1)		**Source: C5E0013-01**			Prepared & Analyzed: 05/01/25						
Settleable Solids	ND	0.1	0.1	mL/L		ND				20	
Batch 5E02082, Prep Method: N/A, Analyst: PBS											
Blank (5E02082-BLK1)					Prepared & Analyzed: 05/02/25						
Total Suspended Solids	ND	0.5	0.5	mg/L							
LCS (5E02082-BS1)					Prepared & Analyzed: 05/02/25						
Total Suspended Solids	492	5	5	mg/L	500		98	0-200			
Duplicate (5E02082-DUP1)		**Source: C5D4005-01**			Prepared & Analyzed: 05/02/25						
Total Suspended Solids	318	10	10	mg/L		280			13	25	
Duplicate (5E02082-DUP2)		**Source: C5E0024-05**			Prepared & Analyzed: 05/02/25						
Total Suspended Solids	1.50	0.5	0.5	mg/L		1.40			7	25	
Batch 5E02083, Prep Method: N/A, Analyst: PBS											
Duplicate (5E02083-DUP1)		**Source: C5E0127-02**			Prepared & Analyzed: 05/02/25						
Settleable Solids	1.91	0.1	0.1	mL/L		0.658			98	20	QRPDo
Batch 5E02113, Prep Method: N/A, Analyst: CSS											
Blank (5E02113-BLK1)					Prepared & Analyzed: 05/02/25						
Total Dissolved Solids	ND	10	10	mg/L							

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:
05/12/25 22:24

Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E02113, Prep Method: N/A, Analyst: CSS											
LCS (5E02113-BS1)					Prepared & Analyzed: 05/02/25						
Total Dissolved Solids	744	10	10	mg/L	746		100	90-110			
Duplicate (5E02113-DUP1)		**Source: C5D4040-01**			Prepared & Analyzed: 05/02/25						
Total Dissolved Solids	681	10	10	mg/L		690			1	25	
Duplicate (5E02113-DUP2)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Total Dissolved Solids	36000	500	500	mg/L		36600			2	25	
Batch 5E02145, Prep Method: N/A, Analyst: EZP											
Duplicate (5E02145-DUP1)		**Source: C5E0127-04RE1**			Prepared & Analyzed: 05/02/25						
Settleable Solids	1.30	0.1	0.1	mL/L		0.600			74	20	QRPDo
Batch 5E04177, Prep Method: N/A, Analyst: VMV											
Blank (5E04177-BLK1)					Prepared & Analyzed: 05/04/25						
Total Suspended Solids	ND	0.5	0.5	mg/L							
LCS (5E04177-BS1)					Prepared & Analyzed: 05/04/25						
Total Suspended Solids	484	5	5	mg/L	500		97	0-200			
Duplicate (5E04177-DUP1)		**Source: C5D3996-01**			Prepared & Analyzed: 05/04/25						
Total Suspended Solids	192	10	10	mg/L		186			3	25	
Duplicate (5E04177-DUP2)		**Source: C5E0127-12RE1**			Prepared & Analyzed: 05/04/25						
Total Suspended Solids	84.0	10	10	mg/L		348			122	25	QFnoH, QRPDh

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:
05/12/25 22:24

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 5E05188, Prep Method: N/A, Analyst: GMB											
Blank (5E05188-BLK1)					Prepared & Analyzed: 05/05/25						
Total Organic Carbon	ND		0.70	mg/L							
LCS (5E05188-BS1)					Prepared & Analyzed: 05/05/25						
Total Organic Carbon	4.94		0.70	mg/L	5.00		99	80-120			
Duplicate (5E05188-DUP1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Total Organic Carbon	2.61		0.70	mg/L		2.78			6	25	
Matrix Spike (5E05188-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Total Organic Carbon	7.92		0.70	mg/L	5.00	2.78	103	80-120			
Matrix Spike Dup (5E05188-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Total Organic Carbon	8.01		0.70	mg/L	5.00	2.78	105	80-120	1	25	

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:
05/12/25 22:24

Nutrients - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E01121, Prep Method: Filter if turbid., Analyst: BXR											
Blank (5E01121-BLK1)					Prepared & Analyzed: 05/01/25						
Ortho Phosphate Phosphorus	ND		0.050	mg/L							
LCS (5E01121-BS1)					Prepared & Analyzed: 05/01/25						
Ortho Phosphate Phosphorus	0.525		0.050	mg/L	0.500		105	90-110			
Duplicate (5E01121-DUP1)		**Source: C5D4121-01**			Prepared & Analyzed: 05/01/25						
Ortho Phosphate Phosphorus	0.0160		0.050	mg/L		0.0140			13	20	
Matrix Spike (5E01121-MS1)		**Source: C5D4121-01**			Prepared & Analyzed: 05/01/25						
Ortho Phosphate Phosphorus	0.525		0.050	mg/L	0.500	0.0140	102	80-120			
Matrix Spike Dup (5E01121-MSD1)		**Source: C5D4121-01**			Prepared & Analyzed: 05/01/25						
Ortho Phosphate Phosphorus	0.551		0.050	mg/L	0.500	0.0140	107	80-120	5	20	
Batch 5E01122, Prep Method: Filter if turbid., Analyst: BXR											
Blank (5E01122-BLK1)					Prepared & Analyzed: 05/02/25						
Ortho Phosphate Phosphorus	ND		0.050	mg/L							
LCS (5E01122-BS1)					Prepared & Analyzed: 05/02/25						
Ortho Phosphate Phosphorus	0.512		0.050	mg/L	0.500		102	90-110			
Duplicate (5E01122-DUP1)		**Source: C5E0127-03**			Prepared & Analyzed: 05/02/25						
Ortho Phosphate Phosphorus	0.0250		0.050	mg/L		0.0260			4	20	
Matrix Spike (5E01122-MS1)		**Source: C5E0127-03**			Prepared & Analyzed: 05/02/25						
Ortho Phosphate Phosphorus	0.516		0.050	mg/L	0.500	0.0260	98	80-120			

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:
05/12/25 22:24

Nutrients - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E01122, Prep Method: Filter if turbid., Analyst: BXR											
Matrix Spike Dup (5E01122-MSD1)		**Source: C5E0127-03**			Prepared & Analyzed: 05/02/25						
Ortho Phosphate Phosphorus	0.524		0.050	mg/L	0.500	0.0260	100	80-120	2	20	
Batch 5E02121, Prep Method: Total Phos - Acid Digest, Analyst: EZP											
Blank (5E02121-BLK1)					Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	ND	0.02	0.05	mg/L							
LCS (5E02121-BS1)					Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	0.238	0.02	0.05	mg/L	0.250		95	90-110			
Duplicate (5E02121-DUP1)		**Source: C5E0127-01**			Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	ND	0.02	0.05	mg/L		ND				25	
Matrix Spike (5E02121-MS1)		**Source: C5D3155-02RE1**			Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	2.83	0.10	0.25	mg/L	0.250	2.57	104	80-120			
Matrix Spike (5E02121-MS2)		**Source: C5E0127-01**			Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	0.0639	0.02	0.05	mg/L	0.250	ND	26	80-120			QFini, QMint
Matrix Spike Dup (5E02121-MSD1)		**Source: C5D3155-02RE1**			Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	2.78	0.10	0.25	mg/L	0.250	2.57	86	80-120	2	25	
Matrix Spike Dup (5E02121-MSD2)		**Source: C5E0127-01**			Prepared: 05/02/25 Analyzed: 05/05/25						
Phosphorus, Total as P	0.0641	0.02	0.05	mg/L	0.250	ND	26	80-120	0.3	25	QFini, QMint
Batch 5E05199, Prep Method: Acid Digest, Analyst: VMV											
Blank (5E05199-BLK1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Kjeldahl Nitrogen	ND	0.07	0.1	mg/L							

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:
05/12/25 22:24

Nutrients - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05199, Prep Method: Acid Digest, Analyst: VMV											
LCS (5E05199-BS1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Kjeldahl Nitrogen	1.00	0.07	0.1	mg/L	1.00		100	80-120			
Duplicate (5E05199-DUP1)		**Source: C5E0127-01**			Prepared: 05/05/25 Analyzed: 05/06/25						
Kjeldahl Nitrogen	1.32	0.7	1.0	mg/L		1.00			28	25	QRPDI
Matrix Spike (5E05199-MS1)		**Source: C5E0127-01**			Prepared: 05/05/25 Analyzed: 05/06/25						
Kjeldahl Nitrogen	10.7	0.7	1.0	mg/L	10.0	1.00	97	42-154			
Matrix Spike Dup (5E05199-MSD1)		**Source: C5E0127-01**			Prepared: 05/05/25 Analyzed: 05/06/25						
Kjeldahl Nitrogen	10.8	0.7	1.0	mg/L	10.0	1.00	98	42-154	1	25	
Batch 5E05201, Prep Method: Acid Digest, Analyst: NR											
Blank (5E05201-BLK1)					Prepared & Analyzed: 05/06/25						
Kjeldahl Nitrogen	ND	0.07	0.1	mg/L							
LCS (5E05201-BS1)					Prepared & Analyzed: 05/06/25						
Kjeldahl Nitrogen	0.875	0.07	0.1	mg/L	1.00		88	80-120			
Duplicate (5E05201-DUP1)		**Source: C5D3596-01**			Prepared & Analyzed: 05/06/25						
Kjeldahl Nitrogen	0.0769	0.07	0.1	mg/L		0.156			68	25	QRPDI, J
Matrix Spike (5E05201-MS1)		**Source: C5D3596-01**			Prepared & Analyzed: 05/06/25						
Kjeldahl Nitrogen	1.05	0.07	0.1	mg/L	1.00	0.156	89	42-154			
Matrix Spike Dup (5E05201-MSD1)		**Source: C5D3596-01**			Prepared & Analyzed: 05/06/25						
Kjeldahl Nitrogen	1.09	0.07	0.1	mg/L	1.00	0.156	94	42-154	4	25	

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:
05/12/25 22:24

Nutrients - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E07150, Prep Method: Total Phos - Acid Digest, Analyst: BXR											
Blank (5E07150-BLK1)					Prepared & Analyzed: 05/07/25						
Phosphorus, Total as P	ND	0.02	0.05	mg/L							
LCS (5E07150-BS1)					Prepared & Analyzed: 05/07/25						
Phosphorus, Total as P	0.252	0.02	0.05	mg/L	0.250		101	90-110			
Duplicate (5E07150-DUP1)		**Source: C5E0127-01RE1**			Prepared & Analyzed: 05/07/25						
Phosphorus, Total as P	ND	0.02	0.05	mg/L		ND				25	
Matrix Spike (5E07150-MS1)		**Source: C5E0127-01RE1**			Prepared & Analyzed: 05/07/25						
Phosphorus, Total as P	0.0759	0.02	0.05	mg/L	0.250	ND	30	80-120			QMint
Matrix Spike Dup (5E07150-MSD1)		**Source: C5E0127-01RE1**			Prepared & Analyzed: 05/07/25						
Phosphorus, Total as P	0.0730	0.02	0.05	mg/L	0.250	ND	29	80-120	4	25	QMint
Batch 5E07156, Prep Method: Ammonia - Gas Diffusion, Analyst: TRS											
Blank (5E07156-BLK1)					Prepared & Analyzed: 05/07/25						
Ammonia-Nitrogen	ND	0.008	0.01	mg/L							
LCS (5E07156-BS1)					Prepared & Analyzed: 05/07/25						
Ammonia-Nitrogen	0.496	0.008	0.01	mg/L	0.500		99	90-110			
Duplicate (5E07156-DUP1)		**Source: C5E0127-02**			Prepared & Analyzed: 05/07/25						
Ammonia-Nitrogen	0.0100	0.008	0.01	mg/L		0.00800			22	20	QRPDI
Matrix Spike (5E07156-MS1)		**Source: C5E0127-02**			Prepared & Analyzed: 05/07/25						
Ammonia-Nitrogen	0.533	0.008	0.01	mg/L	0.500	0.00800	105	80-120			

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:
05/12/25 22:24

Nutrients - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E07156, Prep Method: Ammonia - Gas Diffusion, Analyst: TRS											
Matrix Spike Dup (5E07156-MSD1)		**Source: C5E0127-02**			Prepared & Analyzed: 05/07/25						
Ammonia-Nitrogen	0.550	0.008	0.01	mg/L	0.500	0.00800	108	80-120	3	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:
05/12/25 22:24

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 5E02074, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR											
Blank (5E02074-BLK1)					Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	ND	0.11	0.20	ug/L							
Mercury	ND	0.11	0.20	"							
Blank (5E02074-BLK2)					Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	ND	0.11	0.20	ug/L							
Mercury	ND	0.11	0.20	"							
LCS (5E02074-BS1)					Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	5.03	0.11	0.20	ug/L	5.00		101	85-115			
Mercury	5.03	0.11	0.20	"	5.00		101	85-115			
Matrix Spike (5E02074-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	25.2	0.56	1.0	ug/L	25.0	ND	101	70-130			
Mercury	25.2	0.56	1.0	"	25.0	ND	101	70-130			
Matrix Spike Dup (5E02074-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	25.2	0.56	1.0	ug/L	25.0	ND	101	70-130	0.08	20	
Mercury	25.2	0.56	1.0	"	25.0	ND	101	70-130	0.08	20	
Batch 5E02076, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR											
Blank (5E02076-BLK1)					Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	0.113	0.11	0.20	ug/L							QBLK, J
Mercury	0.113	0.11	0.20	"							QBLK, J
Blank (5E02076-BLK2)					Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	ND	0.11	0.20	ug/L							
Mercury	ND	0.11	0.20	"							Nfilt

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:
05/12/25 22:24

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 5E02076, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR											
LCS (5E02076-BS1)					Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	5.04	0.11	0.20	ug/L	5.00		101	85-115			
Mercury	5.04	0.11	0.20	"	5.00		101	85-115			
Matrix Spike (5E02076-MS1)		**Source: C5E0127-11**			Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	24.9	0.56	1.0	ug/L	25.0	ND	99	70-130			
Mercury	24.9	0.56	1.0	"	25.0	0.739	97	70-130			
Matrix Spike Dup (5E02076-MSD1)		**Source: C5E0127-11**			Prepared & Analyzed: 05/02/25						
Mercury-Dissolved	24.5	0.56	1.0	ug/L	25.0	ND	98	70-130	1	20	
Mercury	24.5	0.56	1.0	"	25.0	0.739	95	70-130	1	20	
Batch 5E02080, Prep Method: EPA 200.2, Analyst: AJH											
Blank (5E02080-BLK1)					Prepared & Analyzed: 05/02/25						
Arsenic	ND	0.71	5.0	ug/L							
Beryllium	ND		10	"							
Cadmium	ND	0.11	1.0	"							
Total Chromium	ND	4.0	20	"							
Copper	ND	1.6	10	"							
Lead	ND	1.6	10	"							
Manganese	ND	1.9	10	"							
Nickel	ND	3.3	10	"							
Selenium	ND	1.7	5.0	"							
Zinc	ND	5.0	10	"							
LCS (5E02080-BS1)					Prepared & Analyzed: 05/02/25						
Arsenic	333	0.71	5.0	ug/L	332		100	85-115			
Beryllium	360		10	"	332		108	85-115			
Cadmium	327	0.11	1.0	"	332		98	85-115			
Total Chromium	332	4.0	20	"	332		100	85-115			
Copper	324	1.6	10	"	332		98	85-115			
Lead	331	1.6	10	"	332		100	85-115			
Manganese	336	1.9	10	"	332		101	85-115			
Nickel	333	3.3	10	"	332		100	85-115			
Selenium	328	1.7	5.0	"	332		99	85-115			
Zinc	323	5.0	10	"	332		97	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:
05/12/25 22:24

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 5E02080, Prep Method: EPA 200.2, Analyst: AJH											
Duplicate (5E02080-DUP1)		**Source: C5D4121-01**			Prepared & Analyzed: 05/02/25						
Arsenic	2.30	0.71	5.0	ug/L		2.47			7	20	J
Beryllium	0.277		10	"		0.225			21	20	QRPDI
Cadmium	0.179	0.11	1.0	"		0.290			47	20	QRPDI, J
Total Chromium	ND	4.0	20	"		ND				20	
Copper	ND	1.6	10	"		ND				20	
Lead	ND	1.6	10	"		ND				20	
Manganese	11.5	1.9	10	"		11.2			2	20	
Nickel	ND	3.3	10	"		ND				20	
Selenium	ND	1.7	5.0	"		ND				20	
Zinc	ND	5.0	10	"		ND				20	
Matrix Spike (5E02080-MS1)		**Source: C5D4121-01**			Prepared & Analyzed: 05/02/25						
Arsenic	319	0.71	5.0	ug/L	332	2.47	95	70-130			
Beryllium	345		10	"	332	0.225	104	70-130			
Cadmium	321	0.11	1.0	"	332	0.290	97	70-130			
Total Chromium	321	4.0	20	"	332	ND	96	70-130			
Copper	312	1.6	10	"	332	ND	94	70-130			
Lead	323	1.6	10	"	332	ND	97	70-130			
Manganese	335	1.9	10	"	332	11.2	97	70-130			
Nickel	318	3.3	10	"	332	ND	96	70-130			
Selenium	317	1.7	5.0	"	332	ND	95	70-130			
Zinc	315	5.0	10	"	332	ND	95	70-130			
Matrix Spike Dup (5E02080-MSD1)		**Source: C5D4121-01**			Prepared & Analyzed: 05/02/25						
Arsenic	322	0.71	5.0	ug/L	332	2.47	96	70-130	0.9	20	
Beryllium	340		10	"	332	0.225	102	70-130	1	20	
Cadmium	315	0.11	1.0	"	332	0.290	95	70-130	2	20	
Total Chromium	320	4.0	20	"	332	ND	96	70-130	0.3	20	
Copper	313	1.6	10	"	332	ND	94	70-130	0.2	20	
Lead	320	1.6	10	"	332	ND	96	70-130	0.8	20	
Manganese	337	1.9	10	"	332	11.2	98	70-130	0.6	20	
Nickel	318	3.3	10	"	332	ND	95	70-130	0.03	20	
Selenium	318	1.7	5.0	"	332	ND	96	70-130	0.1	20	
Zinc	311	5.0	10	"	332	ND	93	70-130	1	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:
05/12/25 22:24

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 5E02081, Prep Method: 200.8/ No Digest, Analyst: AJH											
Blank (5E02081-BLK1)					Prepared & Analyzed: 05/02/25						
Beryllium-Dissolved	ND		10	ug/L							
Zinc-Dissolved	ND	5.0	10	"							
Cadmium-Dissolved	ND	0.11	2.0	"							
Chromium-Dissolved	ND	4.0	20	"							
Nickel-Dissolved	ND	3.3	10	"							
Copper-Dissolved	ND	1.6	10	"							
Selenium-Dissolved	ND	1.7	5.0	"							
Arsenic-Dissolved	ND	1.8	5.0	"							
Lead-Dissolved	ND	1.6	10	"							
Manganese-Dissolved	ND	1.9	10	"							
LCS (5E02081-BS1)					Prepared & Analyzed: 05/02/25						
Manganese-Dissolved	50.7	1.9	10	ug/L	50.0		101	85-115			
Chromium-Dissolved	50.1	4.0	20	"	50.0		100	85-115			
Zinc-Dissolved	50.3	5.0	10	"	50.0		101	85-115			
Cadmium-Dissolved	50.7	0.11	2.0	"	50.0		101	85-115			
Beryllium-Dissolved	55.9		10	"	50.0		112	85-115			
Nickel-Dissolved	49.3	3.3	10	"	50.0		99	85-115			
Copper-Dissolved	49.9	1.6	10	"	50.0		100	85-115			
Arsenic-Dissolved	50.7	1.8	5.0	"	50.0		101	85-115			
Selenium-Dissolved	50.5	1.7	5.0	"	50.0		101	85-115			
Lead-Dissolved	50.9	1.6	10	"	50.0		102	85-115			
Duplicate (5E02081-DUP1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Chromium-Dissolved	ND	16	80	ug/L		ND				20	
Copper-Dissolved	ND	6.5	40	"		ND				20	
Selenium-Dissolved	117	6.7	20	"		122			4	20	
Cadmium-Dissolved	ND	0.44	8.0	"		ND				20	
Lead-Dissolved	ND	6.2	40	"		ND				20	
Zinc-Dissolved	ND	20	40	"		ND				20	
Arsenic-Dissolved	8.95	7.1	20	"		9.92			10	20	J
Manganese-Dissolved	ND	7.5	40	"		ND				20	
Nickel-Dissolved	ND	13	40	"		ND				20	
Beryllium-Dissolved	ND		40	"		ND				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:
05/12/25 22:24

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 5E02081, Prep Method: 200.8/ No Digest, Analyst: AJH											
Matrix Spike (5E02081-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Nickel-Dissolved	193	13	40	ug/L	200	ND	96	70-130			
Lead-Dissolved	181	6.2	40	"	200	ND	90	70-130			
Arsenic-Dissolved	205	7.1	20	"	200	9.92	98	70-130			
Copper-Dissolved	181	6.5	40	"	200	ND	90	70-130			
Beryllium-Dissolved	193		40	"	200	ND	97	70-130			
Cadmium-Dissolved	163	0.44	8.0	"	200	ND	81	70-130			
Chromium-Dissolved	225	16	80	"	200	ND	112	70-130			
Manganese-Dissolved	217	7.5	40	"	200	ND	108	70-130			
Selenium-Dissolved	287	6.7	20	"	200	122	83	70-130			
Zinc-Dissolved	151	20	40	"	200	ND	76	70-130			
Matrix Spike Dup (5E02081-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/02/25						
Selenium-Dissolved	284	6.7	20	ug/L	200	122	81	70-130	1	20	
Lead-Dissolved	184	6.2	40	"	200	ND	92	70-130	2	20	
Manganese-Dissolved	224	7.5	40	"	200	ND	112	70-130	4	20	
Arsenic-Dissolved	212	7.1	20	"	200	9.92	101	70-130	3	20	
Zinc-Dissolved	153	20	40	"	200	ND	77	70-130	1	20	
Copper-Dissolved	184	6.5	40	"	200	ND	92	70-130	2	20	
Nickel-Dissolved	196	13	40	"	200	ND	98	70-130	2	20	
Chromium-Dissolved	230	16	80	"	200	ND	115	70-130	2	20	
Beryllium-Dissolved	197		40	"	200	ND	99	70-130	2	20	
Cadmium-Dissolved	169	0.44	8.0	"	200	ND	85	70-130	4	20	
Batch 5E02088, Prep Method: Filter if turbid.-IC, Analyst: CMR											
Blank (5E02088-BLK1)					Prepared & Analyzed: 05/03/25						
Hexavalent Chromium	ND		0.10	ug/L							

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:
05/12/25 22:24

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 5E02088, Prep Method: Filter if turbid.-IC, Analyst: CMR											
Blank (5E02088-BLK2)					Prepared & Analyzed: 05/03/25						
Hexavalent Chromium	ND		0.10	ug/L							
LCS (5E02088-BS1)					Prepared & Analyzed: 05/03/25						
Hexavalent Chromium	5.06		0.10	ug/L	5.00		101	90-110			
Duplicate (5E02088-DUP1)		**Source: C5D3846-01**			Prepared & Analyzed: 05/03/25						
Hexavalent Chromium	ND		0.10	ug/L		ND				20	
Matrix Spike (5E02088-MS1)		**Source: C5D3846-01**			Prepared & Analyzed: 05/03/25						
Hexavalent Chromium	5.38		0.10	ug/L	5.00	ND	108	85-117			
Matrix Spike Dup (5E02088-MSD1)		**Source: C5D3846-01**			Prepared & Analyzed: 05/03/25						
Hexavalent Chromium	5.43		0.10	ug/L	5.00	ND	109	85-117	0.9	20	
Batch 5E02097, Prep Method: EPA 200.2, Analyst: ALD											
Blank (5E02097-BLK1)					Prepared: 05/02/25 Analyzed: 05/05/25						
Aluminum	ND	28	50	ug/L							
Iron	ND	4.9	50	"							
LCS (5E02097-BS1)					Prepared: 05/02/25 Analyzed: 05/05/25						
Aluminum	1200	28	50	ug/L	1170		103	85-115			
Iron	1190	4.9	50	"	1170		102	85-115			
Batch 5E05172, Prep Method: 200.7/ No Digest, Analyst: ALD											
Blank (5E05172-BLK1)					Prepared & Analyzed: 05/05/25						
Iron-Dissolved	ND	4.9	50	ug/L							
Aluminum-Dissolved	ND	28	50	"							

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:
05/12/25 22:24

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 5E05172, Prep Method: 200.7/ No Digest, Analyst: ALD											
Blank (5E05172-BLK2)					Prepared & Analyzed: 05/05/25						
Aluminum-Dissolved	ND	28	50	ug/L							
Iron-Dissolved	ND	4.9	50	"							
LCS (5E05172-BS1)					Prepared & Analyzed: 05/05/25						
Aluminum-Dissolved	347	28	50	ug/L	400		87	85-115			
Iron-Dissolved	1550	4.9	50	"	1600		97	85-115			
Duplicate (5E05172-DUP1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Iron-Dissolved	ND	9.9	100	ug/L		ND				20	
Aluminum-Dissolved	ND	55	100	"		ND				20	
Matrix Spike (5E05172-MS1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Iron-Dissolved	2860	9.9	100	ug/L	3200	ND	90	70-130			
Aluminum-Dissolved	564	55	100	"	800	ND	71	70-130			
Matrix Spike Dup (5E05172-MSD1)		**Source: C5E0127-01**			Prepared & Analyzed: 05/05/25						
Aluminum-Dissolved	536	55	100	ug/L	800	ND	67	70-130	5	20	QMS(D)
Iron-Dissolved	2820	9.9	100	"	3200	ND	88	70-130	1	20	
Batch 5E05206, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR											
Blank (5E05206-BLK1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Mercury	ND	0.11	0.20	ug/L							
LCS (5E05206-BS1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Mercury	3.97	0.11	0.20	ug/L	4.00		99	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:
05/12/25 22:24

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 5E05206, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR											
Matrix Spike (5E05206-MS1)		**Source: C5E0127-11RE1**			Prepared: 05/05/25		Analyzed: 05/06/25				
Mercury	20.7	0.56	1.0	ug/L	20.0	ND	104	70-130			
Matrix Spike Dup (5E05206-MSD1)		**Source: C5E0127-11RE1**			Prepared: 05/05/25		Analyzed: 05/06/25				
Mercury	21.0	0.56	1.0	ug/L	20.0	ND	105	70-130	1	20	
Batch 5E08085, Prep Method: EPA 200.2, Analyst: TJK											
Blank (5E08085-BLK1)					Prepared & Analyzed: 05/08/25						
Arsenic	ND	0.71	5.0	ug/L							
Beryllium	ND		10	"							
Cadmium	ND	0.11	1.0	"							
Total Chromium	ND	4.0	20	"							
Copper	ND	1.6	10	"							
Lead	ND	1.6	10	"							
Manganese	ND	1.9	10	"							
Nickel	ND	3.3	10	"							
Selenium	ND	1.7	5.0	"							
Zinc	ND	5.0	10	"							
Matrix Spike (5E08085-MS1)		**Source: C5E0127-09RE1**			Prepared & Analyzed: 05/08/25						
Arsenic	381	2.9	20	ug/L	332	11.1	111	70-130			
Beryllium	338		40	"	332	ND	102	70-130			
Cadmium	317	0.44	4.0	"	332	ND	95	70-130			
Total Chromium	418	16	80	"	332	ND	126	70-130			
Copper	339	6.5	40	"	332	ND	102	70-130			
Lead	317	6.2	40	"	332	ND	95	70-130			
Manganese	414	7.5	40	"	332	13.4	120	70-130			
Nickel	364	13	40	"	332	ND	109	70-130			
Selenium	549	6.7	20	"	332	215	100	70-130			
Zinc	304	20	40	"	332	ND	92	70-130			

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:
05/12/25 22:24

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 5E08121, Prep Method: EPA 200.2, Analyst: ALD											
Blank (5E08121-BLK1)					Prepared: 05/08/25 Analyzed: 05/09/25						
Aluminum	ND	28	50	ug/L							
LCS (5E08121-BS1)					Prepared: 05/08/25 Analyzed: 05/09/25						
Aluminum	1310	28	50	ug/L	1170		112	85-115			
Duplicate (5E08121-DUP1)		**Source: C5E0127-09RE1**			Prepared: 05/08/25 Analyzed: 05/09/25						
Aluminum	ND	690	1200	ug/L		ND				20	
Matrix Spike (5E08121-MS1)		**Source: C5E0127-09RE1**			Prepared: 05/08/25 Analyzed: 05/09/25						
Aluminum	2180	690	1200	ug/L	1170	ND	187	70-130			QFnt, QMout
Matrix Spike Dup (5E08121-MSD1)		**Source: C5E0127-09RE1**			Prepared: 05/08/25 Analyzed: 05/09/25						
Aluminum	1740	690	1200	ug/L	1170	ND	149	70-130	23	20	QFnt, QMout
Batch 5E09127, Prep Method: 200.7/ No Digest, Analyst: ALD											
Blank (5E09127-BLK1)					Prepared & Analyzed: 05/09/25						
Aluminum-Dissolved	ND	28	50	ug/L							
LCS (5E09127-BS1)					Prepared & Analyzed: 05/09/25						
Aluminum-Dissolved	426	28	50	ug/L	400		107	85-115			
Duplicate (5E09127-DUP1)		**Source: C5E0127-09RE2**			Prepared & Analyzed: 05/09/25						
Aluminum-Dissolved	588	280	500	ug/L		ND				20	
Matrix Spike (5E09127-MS1)		**Source: C5E0127-09RE2**			Prepared & Analyzed: 05/09/25						
Aluminum-Dissolved	4600	280	500	ug/L	4000	ND	115	70-130			

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:
05/12/25 22:24

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 5E09127, Prep Method: 200.7/ No Digest, Analyst: ALD											
Matrix Spike Dup (5E09127-MSD1)			**Source: C5E0127-09RE2**		Prepared & Analyzed: 05/09/25						
Aluminum-Dissolved	4390	280	500	ug/L	4000	ND	110	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:
05/12/25 22:24

Volatile Organic Compounds by EPA 624.1 - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E03067, Prep Method: Purge and Trap, Analyst: jes											
Blank (5E03067-BLK1)					Prepared & Analyzed: 05/03/25						
1,1,1-Trichloroethane	ND		0.50	ug/L							
1,1,2,2-Tetrachloroethane	ND		0.50	"							
1,1,2-Trichloroethane	ND		0.50	"							
1,1-Dichloroethane	ND		0.50	"							
1,1-Dichloroethene	ND		0.50	"							
1,2-Dichlorobenzene	ND		0.50	"							
1,2-Dichloroethane	ND		0.50	"							
1,2-Dichloropropane	ND		0.50	"							
1,3-Dichlorobenzene	ND		0.50	"							
1,4-Dichlorobenzene	ND		0.50	"							
2-Chloroethylvinyl Ether	ND		5.0	"							QCEVE
Acrolein	ND		10	"							
Acrylonitrile	ND		10	"							
Benzene	ND		0.50	"							
Bromodichloromethane	ND		0.50	"							
Bromoform	ND		1.0	"							
Bromomethane	ND		0.50	"							
Carbon Tetrachloride	ND		0.50	"							
Chlorobenzene	ND		0.50	"							
Chloroethane	ND		0.50	"							
Chloroform	ND		0.50	"							
Chloromethane	ND		0.50	"							
cis-1,3-Dichloropropene	ND		0.50	"							
Dibromochloromethane	ND		0.50	"							
Dichlorodifluoromethane	ND		0.50	"							
Ethylbenzene	ND		0.50	"							
Methyl tert Butyl Ether	ND		5.0	"							
Methylene Chloride	ND		3.0	"							
Tetrachloroethene	ND		0.50	"							
Toluene	ND		0.50	"							
trans-1,2-Dichloroethene	ND		0.50	"							
trans-1,3-Dichloropropene	ND		0.50	"							
Trichloroethene	ND		0.50	"							
Trichlorofluoromethane	ND		5.0	"							
Vinyl Chloride	ND		0.50	"							
Xylenes (m+p)	ND		0.50	"							
Xylenes (ortho)	ND		0.50	"							

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:
05/12/25 22:24

Volatile Organic Compounds by EPA 624.1 - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E03067, Prep Method: Purge and Trap, Analyst: jes											
Blank (5E03067-BLK1)					Prepared & Analyzed: 05/03/25						
Surrogate: 1,2-Dichloroethane-d4	*10*			*ug/L*	*10.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.6*			*"*	*10.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*10*			*"*	*10.0*		*101*	*80-120*			
Surrogate: 1,2-Dichlorobenzene-d4	*10*			*"*	*10.0*		*101*	*80-120*			
LCS (5E03067-BS1)					Prepared & Analyzed: 05/03/25						
1,1-Dichloroethane	23.3		0.50	ug/L	25.0		93	70-130			
1,1-Dichloroethene	23.4		0.50	"	25.0		94	50-150			
1,4-Dichlorobenzene	22.9		0.50	"	25.0		92	65-135			
Benzene	23.0		0.50	"	25.0		92	65-135			
Bromodichloromethane	23.2		0.50	"	25.0		93	65-135			
Bromoform	22.3		1.0	"	25.0		89	70-130			
Chloroform	23.5		0.50	"	25.0		94	70-135			
Dibromochloromethane	22.6		0.50	"	25.0		91	70-135			
Ethylbenzene	22.9		0.50	"	25.0		91	60-140			
Methyl tert Butyl Ether	24.0		5.0	"	25.0		96	70-130			
Tetrachloroethene	22.7		0.50	"	25.0		91	70-130			
Toluene	22.9		0.50	"	25.0		92	70-130			
Trichloroethene	22.5		0.50	"	25.0		90	65-135			
Vinyl Chloride	23.4		0.50	"	25.0		94	5-195			
Xylenes (m+p)	45.9		0.50	"	50.0		92	70-130			
Xylenes (ortho)	23.7		0.50	"	25.0		95	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10*			*"*	*10.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.5*			*"*	*10.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*9.9*			*"*	*10.0*		*99*	*80-120*			
Surrogate: 1,2-Dichlorobenzene-d4	*10*			*"*	*10.0*		*103*	*80-120*			
LCS Dup (5E03067-BSD1)					Prepared & Analyzed: 05/03/25						
1,1-Dichloroethane	23.3		0.50	ug/L	25.0		93	70-130	0.09	40	
1,1-Dichloroethene	23.6		0.50	"	25.0		94	50-150	0.6	32	
1,4-Dichlorobenzene	22.6		0.50	"	25.0		90	65-135	1	57	
Benzene	22.9		0.50	"	25.0		91	65-135	0.8	61	
Bromodichloromethane	23.4		0.50	"	25.0		93	65-135	0.5	56	
Bromoform	22.6		1.0	"	25.0		91	70-130	1	42	
Chloroform	23.2		0.50	"	25.0		93	70-135	1	54	
Dibromochloromethane	22.7		0.50	"	25.0		91	70-135	0.09	50	
Ethylbenzene	22.5		0.50	"	25.0		90	60-140	2	63	
Methyl tert Butyl Ether	23.3		5.0	"	25.0		93	70-130	3	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:
05/12/25 22:24

Volatile Organic Compounds by EPA 624.1 - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E03067, Prep Method: Purge and Trap, Analyst: jes											
LCS Dup (5E03067-BSD1)					Prepared & Analyzed: 05/03/25						
Tetrachloroethene	22.3		0.50	ug/L	25.0		89	70-130	1	39	
Toluene	22.9		0.50	"	25.0		92	70-130	0.1	41	
Trichloroethene	22.5		0.50	"	25.0		90	65-135	0	48	
Vinyl Chloride	25.7		0.50	"	25.0		103	5-195	9	66	
Xylenes (m+p)	45.4		0.50	"	50.0		91	70-130	1	20	
Xylenes (ortho)	23.2		0.50	"	25.0		93	70-130	2	20	
Surrogate: 1,2-Dichloroethane-d4	*10*			"	*10.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.8*			"	*10.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*9.9*			"	*10.0*		*99*	*80-120*			
Surrogate: 1,2-Dichlorobenzene-d4	*10*			"	*10.0*		*103*	*80-120*			
Matrix Spike (5E03067-MS1)		**Source: C5D3901-03**			Prepared & Analyzed: 05/03/25						
1,1-Dichloroethane	26.2		0.50	ug/L	25.0	ND	105	59-155			
1,1-Dichloroethene	29.3		0.50	"	25.0	ND	117	5-234			
1,4-Dichlorobenzene	24.2		0.50	"	25.0	ND	97	18-190			
Benzene	25.6		0.50	"	25.0	ND	102	37-151			
Bromodichloromethane	25.4		0.50	"	25.0	ND	101	35-155			
Bromoform	23.7		1.0	"	25.0	ND	95	45-169			
Chloroform	26.0		0.50	"	25.0	0.270	103	51-138			
Dibromochloromethane	23.9		0.50	"	25.0	ND	96	53-149			
Ethylbenzene	24.9		0.50	"	25.0	ND	100	37-162			
Methyl tert Butyl Ether	25.4		5.0	"	25.0	ND	102	70-139			
Tetrachloroethene	26.0		0.50	"	25.0	ND	104	64-148			
Toluene	25.8		0.50	"	25.0	ND	103	47-150			
Trichloroethene	26.1		0.50	"	25.0	ND	104	70-157			
Vinyl Chloride	31.6		0.50	"	25.0	ND	126	5-251			
Xylenes (m+p)	49.7		0.50	"	50.0	ND	99	70-130			
Xylenes (ortho)	25.1		0.50	"	25.0	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10*			"	*10.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.6*			"	*10.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*9.9*			"	*10.0*		*99*	*80-120*			
Surrogate: 1,2-Dichlorobenzene-d4	*10*			"	*10.0*		*102*	*80-120*			

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:
05/12/25 22:24

Volatile Organic Compounds by EPA 624.1 - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E03067, Prep Method: Purge and Trap, Analyst: jes											
Matrix Spike Dup (5E03067-MSD1)		**Source: C5D3901-03**			Prepared & Analyzed: 05/03/25						
1,1-Dichloroethane	26.8		0.50	ug/L	25.0	ND	107	59-155	2	40	
1,1-Dichloroethene	29.4		0.50	"	25.0	ND	118	5-234	0.6	32	
1,4-Dichlorobenzene	26.1		0.50	"	25.0	ND	104	18-190	7	57	
Benzene	26.3		0.50	"	25.0	ND	105	37-151	3	61	
Bromodichloromethane	25.5		0.50	"	25.0	ND	102	35-155	0.6	56	
Bromoform	24.5		1.0	"	25.0	ND	98	45-169	4	42	
Chloroform	26.6		0.50	"	25.0	0.270	105	51-138	2	54	
Dibromochloromethane	24.8		0.50	"	25.0	ND	99	53-149	4	50	
Ethylbenzene	26.6		0.50	"	25.0	ND	107	37-162	7	63	
Methyl tert Butyl Ether	25.8		5.0	"	25.0	ND	103	70-139	2	40	
Tetrachloroethene	27.6		0.50	"	25.0	ND	110	64-148	6	39	
Toluene	26.3		0.50	"	25.0	ND	105	47-150	2	41	
Trichloroethene	26.2		0.50	"	25.0	ND	105	70-157	0.4	48	
Vinyl Chloride	30.5		0.50	"	25.0	ND	122	5-251	3	66	
Xylenes (m+p)	53.5		0.50	"	50.0	ND	107	70-130	7	40	
Xylenes (ortho)	27.2		0.50	"	25.0	ND	109	70-130	8	40	
Surrogate: 1,2-Dichloroethane-d4	*10*			"	*10.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.6*			"	*10.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*9.9*			"	*10.0*		*99*	*80-120*			
Surrogate: 1,2-Dichlorobenzene-d4	*10*			"	*10.0*		*104*	*80-120*			

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:
05/12/25 22:24

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant) - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05186, Prep Method: SPE, Analyst: MOF											
Blank (5E05186-BLK1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"							
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"							
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"							
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"							
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"							
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"							
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"							
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"							
Perfluorotridecanoic Acid (PFTrDA)	ND	1.3	5.0	"							
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"							
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"							
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"							
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"							
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"							
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"							
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"							
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"							
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"							
4:2 Fluorotelomer Sulfonate	ND	2.0	5.0	"							
6:2 Fluorotelomer Sulfonate	ND	1.5	5.0	"							
8:2 Fluorotelomer Sulfonate	ND	1.3	5.0	"							
10:2 Fluorotelomer sulfonate	ND	5.4	8.0	"							
N-methyl perfluorooctanesulfonamidoacetic acid	ND	2.6	8.0	"							
N-ethyl perfluorooctanesulfonamidoacetic acid	ND	4.4	8.0	"							
Perfluorooctane Sulfonamide (PFOSA)	ND	3.1	8.0	"							
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"							
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"							
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	4.8	8.0	"							
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	ND	3.3	8.0	"							
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"							

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:
05/12/25 22:24

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant) - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05186, Prep Method: SPE, Analyst: MOF											
Blank (5E05186-BLK1)					Prepared: 05/05/25 Analyzed: 05/06/25						
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	ng/L							
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"							
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	5.0	"							
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	"							
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	1.4	5.0	"							
LCS (5E05186-BS1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Perfluorobutanoic acid (PFBA)	21	2.1	5.0	ng/L	20.0		105	73-129			
Perfluoropentanoic acid (PFPeA)	19	1.1	5.0	"	20.0		97	72-129			
Perfluorohexanoic Acid (PFHxA)	19	3.8	5.0	"	20.0		96	72-129			
Perfluoroheptanoic Acid (PFHpA)	22	3.2	5.0	"	20.0		108	72-130			
Perfluorooctanoic Acid (PFOA)	22	2.7	5.0	"	20.0		108	71-133			
Perfluorononanoic Acid (PFNA)	18	2.2	5.0	"	20.0		89	69-130			
Perfluorodecanoic Acid (PFDA)	22	1.5	5.0	"	20.0		110	71-129			
Perfluoroundecanoic Acid (PFUnA)	20	0.92	5.0	"	20.0		100	69-133			
Perfluorododecanoic Acid (PFDoDA)	21	2.1	5.0	"	20.0		107	72-134			
Perfluorotridecanoic Acid (PFTrDA)	20	1.3	5.0	"	20.0		98	65-144			
Perfluorotetradecanoic Acid (PFTeDA)	22	1.3	5.0	"	20.0		110	71-132			
Perfluorohexadecanoic acid (PFHxDA)	21	1.9	5.0	"	20.0		105	70-130			
Perfluorooctadecanoic acid (PFOcDA)	22	4.1	5.0	"	20.0		111	38-142			
Perfluorobutanesulfonic Acid (PFBS)	22	2.4	5.0	"	20.0		108	72-130			
Perfluoropentanesulfonate (PFPeS)	21	3.1	5.0	"	20.0		107	71-127			
Perfluorohexanesulfonic Acid (PFHxS)	20	1.9	5.0	"	20.0		102	68-131			
Perfluoroheptanesulfonic acid (PFHpS)	20	1.9	5.0	"	20.0		102	69-134			
Perfluorooctanesulfonic Acid (PFOS)	19	1.5	5.0	"	20.0		96	65-140			
Perfluorononanesulfonic acid (PFNS)	21	2.9	5.0	"	20.0		103	69-127			
Perfluorodecanesulfonic acid (PFDS)	19	2.8	5.0	"	20.0		93	53-142			
4:2 Fluorotelomer Sulfonate	22	2.0	5.0	"	20.0		112	63-143			
6:2 Fluorotelomer Sulfonate	24	1.5	5.0	"	20.0		121	64-140			
8:2 Fluorotelomer Sulfonate	22	1.3	5.0	"	20.0		108	67-138			
10:2 Fluorotelomer sulfonate	19	5.4	8.0	"	20.0		96	64-136			
N-methyl perfluorooctanesulfonamidoacetic acid	20	2.6	8.0	"	20.0		102	65-136			

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:
05/12/25 22:24

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant) - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05186, Prep Method: SPE, Analyst: MOF											
LCS (5E05186-BS1)					Prepared: 05/05/25 Analyzed: 05/06/25						
N-ethyl perfluorooctanesulfonamidoacetic acid	21	4.4	8.0	ng/L	20.0		103	61-135			
Perfluorooctane Sulfonamide (PFOSA)	21	3.1	8.0	"	20.0		106	67-137			
N-Methylperfluorooctanesulfonamide (MeFOSA)	22	4.9	8.0	"	20.0		112	68-141			
N-Ethylperfluorooctanesulfonamide (EtFOSA)	23	3.4	8.0	"	20.0		113	52-159			
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	21	4.8	8.0	"	20.0		107	70-134			
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	20	3.3	8.0	"	20.0		98	58-148			
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	18	2.3	5.0	"	20.0		92	40-145			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	20	4.1	8.0	"	20.0		99	70-130			
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	19	4.2	8.0	"	20.0		95	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	21	1.9	5.0	"	20.0		106	65-135			
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	21	2.9	5.0	"	20.0		103	70-130			
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	20	0.86	5.0	"	20.0		99	70-130			
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	19	1.4	5.0	"	20.0		96	70-130			
LCS Dup (5E05186-BSD1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Perfluorobutanoic acid (PFBA)	21	2.1	5.0	ng/L	20.0		104	73-129	0.5	30	
Perfluoropentanoic acid (PFPeA)	19	1.1	5.0	"	20.0		95	72-129	2	30	
Perfluorohexanoic Acid (PFHxA)	21	3.8	5.0	"	20.0		107	72-129	10	30	
Perfluoroheptanoic Acid (PFHpA)	21	3.2	5.0	"	20.0		106	72-130	2	30	
Perfluorooctanoic Acid (PFOA)	22	2.7	5.0	"	20.0		108	71-133	0.4	30	
Perfluorononanoic Acid (PFNA)	18	2.2	5.0	"	20.0		89	69-130	0.4	30	
Perfluorodecanoic Acid (PFDA)	22	1.5	5.0	"	20.0		109	71-129	1	30	
Perfluoroundecanoic Acid (PFUnA)	20	0.92	5.0	"	20.0		98	69-133	2	30	
Perfluorododecanoic Acid (PFDoDA)	22	2.1	5.0	"	20.0		110	72-134	3	30	
Perfluorotridecanoic Acid (PFTrDA)	21	1.3	5.0	"	20.0		104	65-144	7	30	
Perfluorotetradecanoic Acid (PFTeDA)	21	1.3	5.0	"	20.0		107	71-132	3	30	
Perfluorohexadecanoic acid (PFHxDA)	22	1.9	5.0	"	20.0		108	70-130	3	30	
Perfluorooctadecanoic acid (PFOcDA)	22	4.1	5.0	"	20.0		110	38-142	1	30	
Perfluorobutanesulfonic Acid (PFBS)	21	2.4	5.0	"	20.0		107	72-130	0.8	30	
Perfluoropentanesulfonate (PFPeS)	19	3.1	5.0	"	20.0		94	71-127	13	30	

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:
05/12/25 22:24

PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant) - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5E05186, Prep Method: SPE, Analyst: MOF											
LCS Dup (5E05186-BSD1)					Prepared: 05/05/25 Analyzed: 05/06/25						
Perfluorohexanesulfonic Acid (PFHxS)	21	1.9	5.0	ng/L	20.0		103	68-131	0.3	30	
Perfluoroheptanesulfonic acid (PFHpS)	20	1.9	5.0	"	20.0		102	69-134	0.3	30	
Perfluorooctanesulfonic Acid (PFOS)	19	1.5	5.0	"	20.0		95	65-140	1	30	
Perfluorononanesulfonic acid (PFNS)	20	2.9	5.0	"	20.0		102	69-127	1	30	
Perfluorodecanesulfonic acid (PFDS)	20	2.8	5.0	"	20.0		98	53-142	5	30	
4:2 Fluorotelomer Sulfonate	25	2.0	5.0	"	20.0		125	63-143	11	30	
6:2 Fluorotelomer Sulfonate	23	1.5	5.0	"	20.0		114	64-140	6	30	
8:2 Fluorotelomer Sulfonate	21	1.3	5.0	"	20.0		105	67-138	2	30	
10:2 Fluorotelomer sulfonate	18	5.4	8.0	"	20.0		89	64-136	8	30	
N-methyl perfluorooctanesulfonamidoacetic acid	21	2.6	8.0	"	20.0		105	65-136	3	30	
N-ethyl perfluorooctanesulfonamidoacetic acid	21	4.4	8.0	"	20.0		105	61-135	2	30	
Perfluorooctane Sulfonamide (PFOSA)	21	3.1	8.0	"	20.0		107	67-137	1	30	
N-Methylperfluorooctanesulfonamide (MeFOSA)	22	4.9	8.0	"	20.0		111	68-141	0.8	30	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	22	3.4	8.0	"	20.0		109	52-159	4	30	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	21	4.8	8.0	"	20.0		107	70-134	0.3	30	
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	20	3.3	8.0	"	20.0		101	58-148	4	30	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	16	2.3	5.0	"	20.0		81	40-145	13	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	18	4.1	8.0	"	20.0		92	70-130	7	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	18	4.2	8.0	"	20.0		91	70-130	4	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	21	1.9	5.0	"	20.0		107	65-135	1	30	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	20	2.9	5.0	"	20.0		102	70-130	1	30	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	20	0.86	5.0	"	20.0		101	70-130	2	30	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	18	1.4	5.0	"	20.0		92	70-130	5	30	

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:
05/12/25 22:24

Notes and Definitions

J	Estimated value
N_Filt	Sample filtered from unpreserved container at laboratory.
N_noH	Sample was non-homogeneous.
N_RLd	The reporting limit has been raised due to sample dilution. The dilution was required to get one or more target analytes within the calibration range of the instrument.
N_RLm	Due to sample matrix, the reporting limit has been raised.
N_TD	Laboratory noted that the dissolved result is higher than the total. The difference between the two results is within the precision of the method.
NCEVE	In an acidified sample, this compound degrades and is not detectable as 2-Chloroethylvinyl ether. Its degradation product is 2-Chloroethanol, which is not an analyte of this method.
Nconf	Result(s) confirmed by re-analysis.
Nfilt	This sample was filtered prior to analysis.
Nhdsp	Sample analyzed with headspace.
NISm	Due to matrix interference, the internal standard recovery for this analyte did not meet laboratory acceptance criteria.
NMint	Due to matrix interference, the matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria.
NRPDo	The RPD/precision of replicate analyses performed on this sample did not meet laboratory acceptance criteria.
QBLK	The method blank did not meet laboratory acceptance criteria.
QCEVE	In an acidified sample, this compound degrades and is not detectable as 2-Chloroethylvinyl ether. Its degradation product is 2-Chloroethanol, which is not an analyte of this method.
QFini	Follow-up result also did not meet laboratory acceptance criteria.
QFnoH	Sample was non-homogeneous.
QFnt	The referenced sample did not require this QC analyte, so a follow-up is not needed.
QMint	Due to matrix interference, the MS and/or MSD did not meet laboratory acceptance criteria.
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.
QRPDh	Due to non-homogeneity of the referenced sample, the replicate analysis did not meet laboratory acceptance criteria
QRPDl	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.

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:
05/12/25 22:24

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:
05/12/25 22:24

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/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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.:** 22-005-270
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	DPH 107B	5/1/2025	9:25 am	Venice City Beach, 50 yds south of SD	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	DPH 107B	5/1/2025		Venice City Beach, 50 yds south of SD	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:					**Samples Received By:**				
	Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature		Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:52 pm	Ricardo Contreras	Ricardo Contreras			
2)	Ricardo Contreras	Ricardo Contreras	5/1/25	~~2:00~~ 1828				5/1	1828
3)									
4)									

Sample Matrix	Preservation Codes
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 _____

Sample Receipt - Completed by Laboratory personnel:	
Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?		☐
Return Shipping Containers?		☐
Turn Around Time:	Routine	☐
	*3-5 Day (Rush)	X
	*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB

Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013

Project Lead:
Name: Emily Duncan
Phone: (213) 576-6679
Email: emily.duncan@waterboards.ca.gov

Agreement No.: 22-005-270

Project Code: RWB4_WildFireResponse_2025

Project Name: RWB4 Wildfire Response 2025

GeoTracker Global ID:

Field Lead:
Name:
Phone:
Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	DPH 108	5/1/2025	10:50 AM	Venice City Beach, Venice Pier	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	DPH 108	5/1/2025		Venice City Beach, Venice Pier	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:

	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:52pm
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~1:52pm~~ 1828
3)				
4)				

Samples Received By:

	Name (Print) and Agency	Signature		Date	Time
1)	Ricardo Contreras	Ricardo Contreras			
2)	John Aguirre/BSK			5/1	1828
3)					
4)					

Sample Matrix

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 _____

Preservation Codes

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 _____

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?	☐
Return Shipping Containers?	☐
Turn Around Time: Routine	☐
*3-5 Day (Rush)	X
*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 1-18	5/1/2025	1130	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 1-18	5/1/2025		Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By: / **Samples Received By:**

	Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature		Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:11 pm	Ricardo Contreras	Ricardo Contreras			
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~2:48~~ 1829	Colby Jackson	[illegible]		5/1	1825
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 **C5E0127** Rc'd: 05/01/2025 18:28 OZO Autospool	**Evidence sample handling required?**	☐
		Sample(s) Properly Cooled: Y / N / NA Temperature: 4 °C			**Return Shipping Containers?**	☐
		Sample(s) Intact: Y / N / NA			**Turn Around Time:** Routine	☐
		Custody Seal(s) Intact: Y / N / NA		**Send Results to:** OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov	*3-5 Day (Rush)	X
		Sample(s) Accepted: Y / N			*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 3-4	5/1/2025	7:45 am	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 3-4	5/1/2025		Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:

	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:52pm
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~2:1pm~~ 1828
3)				
4)				

Samples Received By:

	Name (Print) and Agency	Signature		Date	Time
1)	Ricardo Contreras	Ricardo Contreras			
2)	Adrian Aguilar (ECB)			5/1	1828
3)					
4)					

Sample Matrix	Preservation Codes
SFW = Surface Fresh Water;	1. Cool, ≤ 6 °C
SSW = Surface Salt Water;	2. HNO3
DW = Drinking Water;	3. HCl
GW = Groundwater;	4. H2SO4
SW = Stormwater;	5. Na2S2O3
WW = Wastewater;	6. NaOH
OL = Other Liquids;	7. NaOH/ZnAcetate
SO = Soil / Sediment;	8. NH4Cl
SL = Sludge / Slurry;	9. Filtered
OS = Other Solids;	10. Freeze, ≤ -10 °C
O = Other _____	11. None required
	12. Other _____

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?	☐
Return Shipping Containers?	☐
Turn Around Time: Routine	☐
Turn Around Time: *3-5 Day (Rush)	X
Turn Around Time: *48-Hr (Rush)	☐

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

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 _____ of _____

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
1)	DPH-002	5/1/25	9:00	Surfrider Beach	SSW	G	P	1	4	X							X		(5X) 1L Plastic HDPE
2)					SSW	G	G	1	2		X								(2X) 1L Amber Glass
3)					SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)
4)					SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)
5)					SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)
6)					SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)
7)					SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)
8)					SSW	G	G	1	2			X							(2x) 250mL HDPE
9)																			
10)																			

Samples Relinquished By:				**Samples Received By:**				
	Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:11 pm	Ricardo Contreras	Ricardo Contreras		
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~2:17~~ 1928	Osha Acedo/ ESD		5/1/25	1928
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	Evidence sample handling required?	☐
		Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C	C5E0127 Rc'd: 05/01/2025 18:28 OZO Autospool	Return Shipping Containers?	☐
		Sample(s) Intact: Y / N / NA			Turn Around Time: Routine	☐
		Custody Seal(s) Intact: Y / N / NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov	*3-5 Day (Rush)	X
		Sample(s) Accepted: Y / N		emily.duncan@waterboards.ca.gov	*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	DPH 103	5/1/2025	8:55 am	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	DPH 103	5/1/2025		Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:

	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan		5/1/25	1:05pm
2)	Ricardo Contreras		5-1-25	~~2:~~ 1828
3)				
4)				

Samples Received By:

	Name (Print) and Agency	Signature		Date	Time
1)	Ricardo Contreras				
2)				5/1/25	1828
3)					
4)					

Sample Matrix

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 _____

Preservation Codes

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 _____

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?	☐
Return Shipping Containers?	☐
Turn Around Time: Routine	☐
*3-5 Day (Rush)	X
*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 2-4	5/1/2025	8:17am	Will Rogers State Beach, Pulga SD	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 2-4	5/1/2025	↓	Will Rogers State Beach, Pulga SD	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 2-4	5/1/2025		Will Rogers State Beach, Pulga SD	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 2-4	5/1/2025		Will Rogers State Beach, Pulga SD	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 2-4	5/1/2025		Will Rogers State Beach, Pulga SD	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 2-4	5/1/2025		Will Rogers State Beach, Pulga SD	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 2-4	5/1/2025		Will Rogers State Beach, Pulga SD	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 2-4	5/1/2025		Will Rogers State Beach, Pulga SD	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 2-4	5/1/2025	↓	Will Rogers State Beach, Pulga SD	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:

	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:05pm
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~2:00pm~~ 1828
3)				
4)				

Samples Received By:

	Name (Print) and Agency	Signature		Date	Time
1)	Ricardo Contreras	Ricardo Contreras			
2)	Osiris Ortiz / Russ Colby			5/1/25	1828
3)					
4)					

Sample Matrix	Preservation Codes
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 _____

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: (Y) / N / NA Temperature:	4 °C
Sample(s) Intact: (Y) / N / NA	
Custody Seal(s) Intact: Y / N / (NA)	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?	☐
Return Shipping Containers?	☐
Turn Around Time: Routine	☐
Turn Around Time: *3-5 Day (Rush)	X
Turn Around Time: *48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 2-7	5/1/2025	10am	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 2-7	5/1/2025		Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	12	1								X			125 mL HDPE
10)																				

	Samples Relinquished By: Name (Print) and Agency	Signature	Date	Time	Samples Received By: Name (Print) and Agency	Signature		Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:05pm	Ricardo Contreras	Ricardo Contreras			
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~2pm~~ 1828	Orlan Acosta			5/1/25	1828
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 **C5E0127** Rc'd: 05/01/2025 18:28 OZO Autospool	Evidence sample handling required?	☐
		Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C		Return Shipping Containers?	☐
		Sample(s) Intact: Y / N / NA			Turn Around Time: Routine	☐
		Custody Seal(s) Intact: Y / N / NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov	*3-5 Day (Rush)	X
		Sample(s) Accepted: Y / N			*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	DPH 105B	5/1/2025	11:10am	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	DPH 105B	5/1/2025		Santa Monica State Beach, 50 yds east of SD	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:				**Samples Received By:**			
	Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan		5/1/25	~~11:10am~~	Ricardo Contreras			
2)	Ricardo Contreras		5-1-25	~~11:10am~~ 1828	Colby		5/1/25	1825
3)								
4)								

Sample Matrix	Preservation Codes
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 _____

Sample Receipt - Completed by Laboratory personnel:	
Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature: 4 °C	
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to:	
	OIMA-Helpdesk@waterboards.ca.gov
	emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?		☐
Return Shipping Containers?		☐
Turn Around Time:	Routine	☐
	*3-5 Day (Rush)	X
	*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 1-16	5/1/2025	1030	Las Tunas Beach, Pena Creek	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 1-16	5/1/2025		Las Tunas Beach, Pena Creek	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:	Name (Print) and Agency	Signature	Date	Time	**Samples Received By:** Name (Print) and Agency	Signature		Date	Time
1)	Emily Duncan		5/1/25	1:11pm	Ricardo Contreras				
2)	Ricardo Contreras		5-1-25	2:48pm	Colby OZO			5/1/25	1828
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 **C5E0127** Rc'd: 05/01/2025 18:28 OZO Autospool	Evidence sample handling required?	☐
		Sample(s) Properly Cooled: Y / N / NA Temperature: 4 °C			Return Shipping Containers?	☐
		Sample(s) Intact: Y / N / NA			Turn Around Time: Routine	☐
		Custody Seal(s) Intact: Y / N / NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov	*3-5 Day (Rush)	X
		Sample(s) Accepted: Y / N		emily.duncan@waterboards.ca.gov	*48-Hr (Rush)	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 2-10	5/1/2025	12:00 pm	Dockweiler State Beach, Culver Boulevard	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:

	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan	Emily Duncan	5/1/25	1:52pm
2)	Ricardo Contreras	Ricardo Contreras	5-1-25	~~2:10pm~~ 1828
3)				
4)				

Samples Received By:

	Name (Print) and Agency	Signature		Date	Time
1)	Ricardo Contreras	Ricardo Contreras			
2)	Colby Oze (ESG)			5/1/25	1828
3)					
4)					

Sample Matrix	Preservation Codes
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 _____

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature:	4 °C
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?	☐
Return Shipping Containers?	☐
Turn Around Time: Routine	☐
Turn Around Time: *3-5 Day (Rush)	X
Turn Around Time: *48-Hr (Rush)	☐

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

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 ______ of ______

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.:** 22-005-270
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
1)	SMB 2-10 Duplicate	5/1/25	12:35 pm	Dockweiler Beach	SSW	G	P	1	4	X							X		(5X) 1L Plastic HDPE
2)	↓	↓	↓	↓	SSW	G	G	1	2		X								(2X) 1L Amber Glass
3)					SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)
4)					SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)
5)					SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)
6)					SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)
7)					SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)
8)					SSW	G	G	1	2			X							(2x) 250mL HDPE
9)																			
10)																			

Samples Relinquished By: / **Samples Received By:**

	Name (Print) and Agency	Signature	Date	Time	Name (Print) and Agency	Signature	Date	Time
1)	Emily Duncan	[signature]	5/1/25	1:52pm	Ricardo Contreras	[signature]		
2)	Ricardo Contreras	[signature]	5-1-25	~~2000~~ 1828	Oden Orpez	[signature]	5/1/25	1828
3)					1865			
4)								

Sample Matrix	Preservation Codes
SFW = Surface Fresh Water;	1. Cool, ≤ 6 °C
SSW = Surface Salt Water;	2. HNO3
DW = Drinking Water;	3. HCl
GW = Groundwater;	4. H2SO4
SW = Stormwater;	5. Na2S2O3
WW = Wastewater;	6. NaOH
OL = Other Liquids;	7. NaOH/ZnAcetate
SO = Soil / Sediment;	8. NH4Cl
SL = Sludge / Slurry;	9. Filtered
OS = Other Solids;	10. Freeze, ≤ -10 °C
O = Other ______	11. None required
	12. Other ______

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: (Y) / N / NA; Temperature:	4 °C
Sample(s) Intact: (Y) / N / NA	
Custody Seal(s) Intact: Y / N / (NA)	
Sample(s) Accepted: Y / N	

Laboratory Notes:

Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby

C5E0127
Rc'd: 05/01/2025 18:28
OZO Autospool

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?	☐
Return Shipping Containers?	☐
Turn Around Time: Routine	☐
Turn Around Time: *3-5 Day (Rush)	X
Turn Around Time: *48-Hr (Rush)	☐

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	Analyses Requested: SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Beryllium Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr	PCBs	TOC	Notes
1)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	4	X										(4X) 1L Plastic HDPE
2)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	G	1	4		X							X		(4X) 1L Amber Glass
3)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)
4)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	1					X						unfiltered 250 mL Plastic HDPE
5)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	G	4	3										X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)
8)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	2			X								(2x) 250mL HDPE
9)	SMB 2-10	5/1/2025		Dockweiler State Beach, Culver Boulevard	SSW	G	P	12	1								X			125 mL HDPE
10)																				

Samples Relinquished By:

	Name (Print) **and Agency**	Signature	Date	Time
1)				
2)				
3)				
4)				

Samples Received By:

Name (Print) **and Agency**	Signature		Date	Time

Sample Matrix

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 _____

Preservation Codes

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 _____

Sample Receipt - Completed by Laboratory personnel:

Total Number of Sample Containers Received:	
Sample(s) Properly Cooled: Y / N / NA Temperature:	_____ °C
Sample(s) Intact: Y / N / NA	
Custody Seal(s) Intact: Y / N / NA	
Sample(s) Accepted: Y / N	

Laboratory Notes:

REVISED ANALYSES
FOR SMB 2-10
Duplicate
JLH 5/2/2025

Send Results to: OIMA-Helpdesk@waterboards.ca.gov; emily.duncan@waterboards.ca.gov

Special Instructions:

Evidence sample handling required?		☐
Return Shipping Containers?		☐
Turn Around Time:	**Routine**	☐
	***3-5 Day (Rush)**	X
	***48-Hr (Rush)**	☐

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

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

Sample Collection Agency: Los Angeles RWQCB	**Agreement No.: 22-005-270**
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013	**Project Code:** RWB4_WildFireResponse_2025
	Project Name: RWB4 Wildfire Response 2025
	GeoTracker Global ID:
Project Lead:	**Field Lead:**
Name: Emily Duncan	Name:
Phone: (213) 576-6679	Phone:
Email: emily.duncan@waterboards.ca.gov	Email:

	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	PFAS	Total Metals, Beryllium, Ca, Hardness	Dissolved Metals, Beryllium	TP, TN, NH3	VOC suite EPA method 624.1	Hex Cr (8082)	PCBs	TOC	Notes
										Analyses Requested									
1)		5/1/2025			SSW	G	P	1	4	X									(4X) 1L Plastic HDPE
2)		5/1/2025			SSW	G	G	1	4		X							X	(4X) 1L Amber Glass
3)		5/1/2025			SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)
4)		5/1/2025			SSW	G	P	1	1					X					unfiltered 250 mL Plastic HDPE
5)		5/1/2025			SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)
6)		5/1/2025			SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)
7)		5/1/2025			SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)
8)		5/1/2025			SSW	G	P	1	2			X							(2x) 250mL HDPE
9)		5/1/2025			SSW	G	P	12	1								X		125 mL HDPE
10)																			

Samples Relinquished By:					**Samples Received By:**				
	Name (Print) **and Agency**	Signature	Date	Time	Name (Print) **and Agency**	Signature		Date	Time
1)									
2)									
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:		REVISED ANALYSES FOR DPH-002 JLH 5/2/2025	**Evidence sample handling required?**	☐
		Sample(s) Properly Cooled: Y / N / NA Temperature:	_____ °C		**Return Shipping Containers?**	☐
		Sample(s) Intact: Y / N / NA			**Turn Around Time:** **Routine**	☐
		Custody Seal(s) Intact: Y / N / NA		**Send Results to:** OIMA-Helpdesk@waterboards.ca.gov	***3-5 Day (Rush)**	X
		Sample(s) Accepted: Y / N		emily.duncan@waterboards.ca.gov	***48-Hr (Rush)**	☐

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