



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

26 February 2025

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

RE: Autospool-RWB4_WildFireResponse_2025

Dear John Salguero,

The following pages contain the analytical results for the sample(s) received for your project. The second page of this report lists the individual sample descriptions with the corresponding laboratory number(s). We have also provided a copy of the Chain of Custody document (if received with your sample(s)). Please note that any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our Client Service Department.

Sincerely,

Autospool Station For Alexandria L. Guerra
Special Programs Coordinator



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

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

Reported:
02/26/25 09:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Lab ID	Matrix	Station Code	Location Code	Sampled	Received
DPH 001	C5B2404-01	Sample Water	N/A	N/A	02/18/25 08:54	02/18/25 16:59
DPH 105B	C5B2404-02	Sample Water	N/A	N/A	02/18/25 10:06	02/18/25 16:59
DPH 107B	C5B2404-03	Sample Water	N/A	N/A	02/18/25 08:55	02/18/25 16:59
DPH 108	C5B2404-04	Sample Water	N/A	N/A	02/18/25 08:22	02/18/25 16:59
DPH 103	C5B2404-05	Sample Water	N/A	N/A	02/18/25 11:12	02/18/25 16:59
SMB 2-10	C5B2404-06	Sample Water	N/A	N/A	02/18/25 07:30	02/18/25 16:59
SMB 1-14	C5B2404-07	Sample Water	N/A	N/A	02/18/25 08:26	02/18/25 16:59
SMB 1-16	C5B2404-08	Sample Water	N/A	N/A	02/18/25 09:19	02/18/25 16:59
SMB 3-4	C5B2404-09	Sample Water	N/A	N/A	02/18/25 09:30	02/18/25 16:59
SMB 1-18	C5B2404-10	Sample Water	N/A	N/A	02/18/25 09:47	02/18/25 16:59
SMB 2-4	C5B2404-11	Sample Water	N/A	N/A	02/18/25 10:48	02/18/25 16:59
SMB 2-7	C5B2404-12	Sample Water	N/A	N/A	02/18/25 10:37	02/18/25 16:59

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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

DPH 001
C5B2404-01 (Liquid, Sampled: 02/18/25 08:54)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3100		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	630	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.052	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21058	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	14	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	0.91		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.03	0.02	0.05	"	"	5B21076	02/21/25	02/21/25	"	J
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	8.5	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	330	250	490	"	1	5B21061	02/21/25	"	"	J
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	20	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	13	13	40	"	1	5B19105	02/19/25	02/19/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	120	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	100	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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C5B2404-01 (Liquid, Sampled: 02/18/25 08:54)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			27 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	

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C5B2404-01 (Liquid, Sampled: 02/18/25 08:54)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	4.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.6	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCALhND

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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

DPH 001

C5B2404-01 (Liquid, Sampled: 02/18/25 08:54)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	3.6	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	



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

Reported:
02/26/25 09:26

DPH 105B
C5B2404-02 (Liquid, Sampled: 02/18/25 10:06)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3100		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	630	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.061	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21058	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	38	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.2		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.07	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	8.4	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B21061	02/21/25	"	"	N_RLm
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	61	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	
Manganese-Dissolved	38	13	40	"	1	5B19105	02/19/25	02/19/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	110	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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

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

Reported:
02/26/25 09:26

DPH 105B
C5B2404-02 (Liquid, Sampled: 02/18/25 10:06)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			47 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	4.7	7.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.2	4.4	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
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	"	"	"	"	"	"	

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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

DPH 105B
C5B2404-02 (Liquid, Sampled: 02/18/25 10:06)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.75	4.4	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
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	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.3	7.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (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	"	"	"	"	"	"	NCALhND

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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

DPH 105B
C5B2404-02 (Liquid, Sampled: 02/18/25 10:06)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	7.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
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	0.96	4.4	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.4	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.1	4.4	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.80	4.4	"	"	"	"	"	"	



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Reported:
02/26/25 09:26

DPH 107B
C5B2404-03 (Liquid, Sampled: 02/18/25 08:55)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	650	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.061	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21058	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	14	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.0		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.03	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.05	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	0.6	0.6	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.58	0.64	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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DPH 107B
C5B2404-03 (Liquid, Sampled: 02/18/25 08:55)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	8.0	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B21061	02/21/25	"	"	N_RLm
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	24	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	110	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			56 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	4.7	6.9	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.2	4.3	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.6	6.9	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.6	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	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.3	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.1	4.3	"	"	"	"	"	"	

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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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.75	4.3	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.3	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.8	6.9	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.0	6.9	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.9	6.9	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	6.9	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.3	6.9	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.2	6.9	"	"	"	"	"	"	
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	2.8	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	3.6	4.3	"	"	"	"	"	"	NCALhND

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

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

Reported:
02/26/25 09:26

DPH 107B

C5B2404-03 (Liquid, Sampled: 02/18/25 08:55)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	ND	2.7	6.9	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
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	0.95	4.3	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.80	4.3	"	"	"	"	"	"	



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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

DPH 108

C5B2404-04 (Liquid, Sampled: 02/18/25 08:22)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	640	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	110	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	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	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.054	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2600	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21058	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	30	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.1		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.05	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	0.6	0.6	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.58	0.64	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

DPH 108

C5B2404-04 (Liquid, Sampled: 02/18/25 08:22)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	7.5	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B21061	02/21/25	"	"	N_RLm
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	24	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	110	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

DPH 108

C5B2404-04 (Liquid, Sampled: 02/18/25 08:22)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			53 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	4.6	6.8	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.2	4.3	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
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	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.1	4.3	"	"	"	"	"	"	

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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

DPH 108

C5B2404-04 (Liquid, Sampled: 02/18/25 08:22)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.73	4.3	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.6	4.3	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.8	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	2.9	6.8	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	2.8	6.8	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.2	6.8	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.2	6.8	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (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	"	"	"	"	"	"	NCALhND

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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

DPH 108

C5B2404-04 (Liquid, Sampled: 02/18/25 08:22)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	2.8	2.6	6.8	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
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 (PFTTrDA)	ND	1.1	4.3	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.78	4.3	"	"	"	"	"	"	



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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

DPH 103

C5B2404-05 (Liquid, Sampled: 02/18/25 11:12)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3100		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	630	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	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	0.62	1.0	mg/L	5	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.059	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2600	18	25	"	50	5B19116	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	35	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.4		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.06	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.05	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	0.5	0.2	0.2	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	
Total Nitrogen (N)	0.58	0.24	0.26	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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

Reported:
 02/26/25 09:26

DPH 103

C5B2404-05 (Liquid, Sampled: 02/18/25 11:12)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	8.5	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	260	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	J
Iron-Dissolved	520	250	490	"	1	5B21061	02/21/25	"	"	
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	59	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	
Manganese-Dissolved	51	13	40	"	1	5B19105	02/19/25	02/19/25	"	
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	110	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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

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

Reported:
02/26/25 09:26

DPH 103

C5B2404-05 (Liquid, Sampled: 02/18/25 11:12)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/26/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			23 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	

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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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	4.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.6	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCAhND

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Project Manager: John Salguero

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02/26/25 09:26

DPH 103

C5B2404-05 (Liquid, Sampled: 02/18/25 11:12)

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)										
Perfluorooctane Sulfonamide (PFOSA)	4.8	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	



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Project Manager: John Salguero

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02/26/25 09:26

SMB 2-10
C5B2404-06 (Liquid, Sampled: 02/18/25 07:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3100		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	630	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	110	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	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	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.072	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2600	18	25	"	50	5B19116	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	14	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.1		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.06	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.05	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	0.6	0.6	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.58	0.64	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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C5B2404-06 (Liquid, Sampled: 02/18/25 07:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	7.9	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B21061	02/21/25	"	"	N_RLm
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	18	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	91	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	N_TD
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/26/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			33 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic acid (EtFOA)	ND	4.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOA)	ND	3.4	8.0	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic acid (MeFOA)	ND	2.6	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOA)	ND	4.9	8.0	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCAhND

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6100 Quail Valley Court
Riverside, CA 92507-0704
(951) 653-3351

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

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

Reported:
02/26/25 09:26

SMB 2-10

C5B2404-06 (Liquid, Sampled: 02/18/25 07:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	4.3	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	



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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

SMB 1-14

C5B2404-07 (Liquid, Sampled: 02/18/25 08:26)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	640	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.053	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	37	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.0		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.06	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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

Reported:
 02/26/25 09:26

SMB 1-14

C5B2404-07 (Liquid, Sampled: 02/18/25 08:26)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	180	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	J
Aluminum-Dissolved	360	160	490	"	1	5B21061	02/21/25	"	"	J
Arsenic	8.6	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	280	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	J
Iron-Dissolved	550	250	490	"	1	5B21061	02/21/25	"	"	
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	35	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	27	13	40	"	1	5B19105	02/19/25	02/19/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	110	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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

Reported:
02/26/25 09:26

SMB 1-14

C5B2404-07 (Liquid, Sampled: 02/18/25 08:26)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			36 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	

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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

SMB 1-14

C5B2404-07 (Liquid, Sampled: 02/18/25 08:26)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	4.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.6	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCAhND

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

Reported:
02/26/25 09:26

SMB 1-14

C5B2404-07 (Liquid, Sampled: 02/18/25 08:26)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	4.6	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	



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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

SMB 1-16

C5B2404-08 (Liquid, Sampled: 02/18/25 09:19)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	640	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.042	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	35000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	24	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	0.97		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.03	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.04	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	J
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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

Reported:
 02/26/25 09:26

SMB 1-16
C5B2404-08 (Liquid, Sampled: 02/18/25 09:19)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	7.9	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	320	250	490	"	1	5B21061	02/21/25	"	"	J
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	19	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Manganese-Dissolved	17	13	40	"	1	5B19105	02/19/25	02/19/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	110	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

SMB 1-16
C5B2404-08 (Liquid, Sampled: 02/18/25 09:19)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatiles Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			64 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	NISm
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3-oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxo-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	NISm

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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

SMB 1-16

C5B2404-08 (Liquid, Sampled: 02/18/25 09:19)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	4.4	8.0	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	NISm
N-methyl perfluorooctanesulfonamidoacetic	ND	2.6	8.0	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	NISm
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic Acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	NISm
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCALhND

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02/26/25 09:26

SMB 1-16

C5B2404-08 (Liquid, Sampled: 02/18/25 09:19)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)

Perfluorooctane Sulfonamide (PFOSA)	3.6	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	NISm
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	NISm



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Reported:
02/26/25 09:26

SMB 3-4

C5B2404-09 (Liquid, Sampled: 02/18/25 09:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	650	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	110	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	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	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.058	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	33	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.1		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.06	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	0.9	1.0	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	0.93	1.0	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	8.4	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	ND	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Iron-Dissolved	ND	250	490	"	1	5B21061	02/21/25	"	"	N_RLm
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	40	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	
Manganese-Dissolved	20	13	40	"	1	5B19105	02/19/25	02/19/25	"	J, N_RLm
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	100	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	N_TD
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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SMB 3-4

C5B2404-09 (Liquid, Sampled: 02/18/25 09:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			41 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	4.8	7.2	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.3	4.5	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	3.8	7.2	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	3.7	7.2	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.1	4.5	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.6	4.5	"	"	"	"	"	"	
4:2 Fluorotelomer Sulfonate	ND	1.8	4.5	"	"	"	"	"	"	
6:2 Fluorotelomer Sulfonate	ND	1.3	4.5	"	"	"	"	"	"	
8:2 Fluorotelomer Sulfonate	ND	1.2	4.5	"	"	"	"	"	"	

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Reported:
02/26/25 09:26

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C5B2404-09 (Liquid, Sampled: 02/18/25 09:30)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.77	4.5	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.7	4.5	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	3.9	7.2	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.0	7.2	"	"	"	"	"	"	NISm
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.0	7.2	"	"	"	"	"	"	NISm
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.2	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.4	7.2	"	"	"	"	"	"	NISm
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.3	7.2	"	"	"	"	"	"	NISm
Perfluorobutanesulfonic Acid (PFBS)	ND	2.2	4.5	"	"	"	"	"	"	
Perfluorobutanoic Acid (PFBA)	ND	1.9	4.5	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.5	4.5	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.3	4.5	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	1.9	4.5	"	"	"	"	"	"	NISm
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.7	4.5	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	2.9	4.5	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.7	4.5	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.7	4.5	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.4	4.5	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.6	4.5	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.0	4.5	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	3.7	4.5	"	"	"	"	"	"	NCALhND

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SMB 3-4

C5B2404-09 (Liquid, Sampled: 02/18/25 09:30)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	ND	2.8	7.2	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.3	4.5	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.4	4.5	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.8	4.5	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.99	4.5	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.2	4.5	"	"	"	"	"	"	NISm
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.2	4.5	"	"	"	"	"	"	NISm
Perfluoroundecanoic Acid (PFUnA)	ND	0.82	4.5	"	"	"	"	"	"	



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(951) 653-3351

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

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

Reported:
02/26/25 09:26

SMB 1-18

C5B2404-10 (Liquid, Sampled: 02/18/25 09:47)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	650	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.052	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B18222	02/18/25	02/18/25	SM 2540F	
Total Dissolved Solids	33000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	28	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	0.95		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.04	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.05	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	ND	2.3	2.5	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	N_RLm
Total Nitrogen (N)	ND	2.3	2.5	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
 02/26/25 09:26

SMB 1-18
C5B2404-10 (Liquid, Sampled: 02/18/25 09:47)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	"	"	N_RLm
Arsenic	9.6	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	420	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	J
Iron-Dissolved	840	250	490	"	1	5B21061	02/21/25	"	"	
Mercury	ND	0.28	0.50	"	"	5B19081	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	66	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	
Manganese-Dissolved	41	13	40	"	1	5B19105	02/19/25	02/19/25	"	
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	100	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	N_TD
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
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SMB 1-18
C5B2404-10 (Liquid, Sampled: 02/18/25 09:47)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			48 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	

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Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
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Reported:
02/26/25 09:26

SMB 1-18

C5B2404-10 (Liquid, Sampled: 02/18/25 09:47)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	4.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.6	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCALhND

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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

SMB 1-18

C5B2404-10 (Liquid, Sampled: 02/18/25 09:47)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	5.4	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	J
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	1.1	5.0	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	



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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

SMB 2-4

C5B2404-11 (Liquid, Sampled: 02/18/25 10:48)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	200	3.3	10	mg/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	3200		10	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	650	3.3	10	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	"	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B18225	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.053	0.0038	0.010	"	1	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2700	18	25	"	50	5B18225	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B19087	02/19/25	02/19/25	SM 2540F	
Total Dissolved Solids	34000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	39	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.3		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.05	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.07	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	0.7	0.6	0.6	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	
Total Nitrogen (N)	0.78	0.58	0.64	"	"	[CALC]	02/24/25	02/24/25	Calculation	

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

Reported:
 02/26/25 09:26

SMB 2-4

C5B2404-11 (Liquid, Sampled: 02/18/25 10:48)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	170	500	ug/L	10	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	270	160	490	"	1	5B21061	02/21/25	"	"	J
Arsenic	8.8	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	7.3	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	J, N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	400	260	500	"	10	5B19124	02/19/25	02/24/25	EPA 200.7	J
Iron-Dissolved	800	250	490	"	1	5B21061	02/21/25	"	"	
Mercury	ND	0.28	0.50	"	"	5B19082	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	62	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	
Manganese-Dissolved	54	13	40	"	1	5B19105	02/19/25	02/19/25	"	
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	97	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	N_TD
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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(951) 653-3351

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

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

Reported:
02/26/25 09:26

SMB 2-4

C5B2404-11 (Liquid, Sampled: 02/18/25 10:48)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			45 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	5.4	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.4	5.0	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	4.2	8.0	"	"	"	"	"	"	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	4.1	8.0	"	"	"	"	"	"	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"	"	"	"	"	"	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.9	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	"	"	"	"	"	"	

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02/26/25 09:26

SMB 2-4

C5B2404-11 (Liquid, Sampled: 02/18/25 10:48)

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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.86	5.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	5.0	"	"	"	"	"	"	
N-ethyl perfluorooctanesulfonamidoacetic	ND	4.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"	"	"	"	"	"	
N-Ethylperfluorooctanesulfonamido ethanol (EtFOSE)	ND	3.3	8.0	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.6	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (MeFOSE)	ND	4.8	8.0	"	"	"	"	"	"	
Perfluorobutanesulfonic Acid (PFBS)	ND	2.4	5.0	"	"	"	"	"	"	
Perfluorobutanoic acid (PFBA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluorodecanesulfonic acid (PFDS)	ND	2.8	5.0	"	"	"	"	"	"	
Perfluorodecanoic Acid (PFDA)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorododecanoic Acid (PFDoDA)	ND	2.1	5.0	"	"	"	"	"	"	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluoroheptanoic Acid (PFHpA)	ND	3.2	5.0	"	"	"	"	"	"	
Perfluorohexadecanoic acid (PFHxDA)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	5.0	"	"	"	"	"	"	
Perfluorohexanoic Acid (PFHxA)	ND	3.8	5.0	"	"	"	"	"	"	
Perfluorononanesulfonic acid (PFNS)	ND	2.9	5.0	"	"	"	"	"	"	
Perfluorononanoic Acid (PFNA)	ND	2.2	5.0	"	"	"	"	"	"	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.1	5.0	"	"	"	"	"	"	NCALhND

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Project Manager: John Salguero

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02/26/25 09:26

SMB 2-4

C5B2404-11 (Liquid, Sampled: 02/18/25 10:48)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	ND	3.1	8.0	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.5	5.0	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.7	5.0	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	3.1	5.0	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	1.1	1.1	5.0	"	"	"	"	"	"	J
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.3	5.0	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.92	5.0	"	"	"	"	"	"	



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SMB 2-7

C5B2404-12 (Liquid, Sampled: 02/18/25 10:37)

Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Cations										
Calcium	390	17	50	mg/L	50	5B19124	02/19/25	02/24/25	EPA 200.7	
Total Hardness	6100		50	"	"	"	"	"	SM 2340B/EPA 200.7	
Magnesium	1200	17	50	"	"	"	"	"	EPA 200.7	
Magnesium-Dissolved	1300	3.2	9.7	"	1	5B21061	02/21/25	02/24/25	"	
Anions										
Bicarbonate	120	5.0	5.0	mg/L as CaCO3	1	5B20087	02/20/25	02/20/25	SM 2320B	
Carbonate	ND	5.0	5.0	"	"	"	"	"	"	
Hydroxide	ND	5.0	5.0	"	"	"	"	"	"	
Total Alkalinity	120	5.0	5.0	"	"	"	"	"	"	
Nitrate as N	ND	6.2	10	mg/L	50	5B19116	02/19/25	02/19/25	EPA 300.0	N_RLd
Nitrate/Nitrite as N	0.050	0.019	0.050	"	5	5B24228	02/24/25	02/24/25	EPA 353.2	
Sulfate	2600	18	25	"	50	5B19116	02/19/25	02/19/25	EPA 300.0	
Solids										
Settleable Solids	ND	0.1	0.1	mL/L	1	5B19087	02/19/25	02/19/25	SM 2540F	
Total Dissolved Solids	35000	500	500	mg/L	50	5B21048	02/21/25	02/21/25	SM 2540C	
Total Suspended Solids	46	0.5	0.5	"	1	5B19083	02/19/25	02/19/25	SM 2540D	
Aggregate Organic Compounds										
Total Organic Carbon	1.3		0.70	mg/L	1	5B20120	02/20/25	02/20/25	SM 5310B	
Nutrients										
Ammonia-Nitrogen	0.06	0.005	0.01	mg/L	1	5B21083	02/21/25	02/21/25	SM4500NH3 H G	
Ortho Phosphate Phosphorus	ND		0.050	"	"	5B19146	02/19/25	02/19/25	SM 4500P B E	
Phosphorus, Total as P	0.07	0.02	0.05	"	"	5B21075	02/21/25	02/21/25	"	
Kjeldahl Nitrogen	0.5	0.2	0.2	"	"	5B20125	02/21/25	02/24/25	EPA 351.2	
Total Nitrogen (N)	0.52	0.25	0.30	"	5	[CALC]	02/24/25	02/24/25	Calculation	

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Babcock Laboratories, Inc. - Riverside										
Metals and Metalloids										
Aluminum	ND	840	2500	ug/L	50	5B19124	02/19/25	02/24/25	EPA 200.7	N_RLm
Aluminum-Dissolved	ND	160	490	"	1	5B21061	02/21/25	02/24/25	"	N_RLm
Arsenic	7.9	7.1	20	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	J, N_RLm
Arsenic-Dissolved	ND	7.1	20	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Cadmium	ND	0.99	4.0	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Cadmium-Dissolved	ND	0.99	8.0	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Total Chromium	ND	16	80	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Chromium-Dissolved	ND	16	80	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Copper	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Copper-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Iron	1400	1300	2500	"	50	5B19124	02/19/25	02/24/25	EPA 200.7	J
Iron-Dissolved	ND	250	490	"	1	5B21061	02/21/25	02/24/25	"	N_RLm
Mercury	ND	0.28	0.50	"	"	5B19082	02/19/25	02/20/25	SM 3112B	
Mercury-Dissolved	ND	0.28	0.50	"	"	"	"	02/20/25	"	
Manganese	130	13	40	"	4	5B19101	02/19/25	02/20/25	EPA 200.8	
Manganese-Dissolved	100	13	40	"	1	5B19105	02/19/25	02/19/25	"	
Nickel	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Nickel-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Lead	ND	13	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Lead-Dissolved	ND	13	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm
Selenium	100	6.7	20	"	4	5B19101	02/19/25	02/20/25	"	
Selenium-Dissolved	110	6.7	20	"	1	5B19105	02/19/25	02/19/25	"	N_TD
Zinc	ND	20	40	"	4	5B19101	02/19/25	02/20/25	"	N_RLm
Zinc-Dissolved	ND	20	40	"	1	5B19105	02/19/25	02/19/25	"	N_RLm

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Babcock Laboratories, Inc. - Riverside

Semivolatile Organic Compounds by EPA 8270C SIM

Acenaphthene	ND	0.02	0.05	ug/L	1	5B20095	02/20/25	02/25/25	EPA 8270C SIM	
Acenaphthylene	ND	0.02	0.05	"	"	"	"	"	"	
Anthracene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(a)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(a)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Benzo(ghi)perylene	ND	0.01	0.05	"	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Chrysene	ND	0.03	0.05	"	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.02	0.05	"	"	"	"	"	"	
Fluoranthene	ND	0.02	0.05	"	"	"	"	"	"	
Fluorene	ND	0.02	0.05	"	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"	"	"	"	"	"	
Naphthalene	ND	0.02	0.05	"	"	"	"	"	"	
Phenanthrene	ND	0.02	0.05	"	"	"	"	"	"	
Pyrene	ND	0.01	0.05	"	"	"	"	"	"	
Surrogate: Anthracene-d10			23 %	10-162		"	"	"	"	

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

10:2 Fluorotelomer sulfonate	ND	4.8	7.1	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
11-chloroeicosafluoro	ND	1.2	4.4	"	"	"	"	"	"	
3oxaundecane-1-sulfonic Acid										
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	"	"	"	"	"	"	

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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)										
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	0.77	4.4	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
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	"	"	"	"	"	"	
N-methyl perfluorooctanesulfonamidoacetic	ND	2.3	7.1	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.4	7.1	"	"	"	"	"	"	
N-Methylperfluorooctanesulfonamido ethanol (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)	ND	1.7	4.4	"	"	"	"	"	"	
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	"	"	"	"	"	"	NCALhND

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Analyte	Result	MDL	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Babcock Laboratories, Inc. - Riverside

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

Perfluorooctane Sulfonamide (PFOSA)	ND	2.8	7.1	ng/L	1	5B19139	02/19/25	02/24/25	ESB SOP T758	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.3	4.4	"	"	"	"	"	"	
Perfluorooctanoic Acid (PFOA)	ND	2.4	4.4	"	"	"	"	"	"	
Perfluoropentanesulfonate (PFPeS)	ND	2.8	4.4	"	"	"	"	"	"	
Perfluoropentanoic acid (PFPeA)	ND	0.98	4.4	"	"	"	"	"	"	
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.2	4.4	"	"	"	"	"	"	
Perfluorotridecanoic Acid (PFTTrDA)	ND	1.2	4.4	"	"	"	"	"	"	
Perfluoroundecanoic Acid (PFUnA)	ND	0.82	4.4	"	"	"	"	"	"	



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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

Cations - Quality Control
Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B19124, Prep Method: EPA 200.2, Analyst: MGA

Blank (5B19124-BLK1)					Prepared: 02/19/25 Analyzed: 02/21/25						
Calcium	ND	0.33	1.0	mg/L							
Magnesium	ND	0.33	1.0	"							
LCS (5B19124-BS1)					Prepared: 02/19/25 Analyzed: 02/21/25						
Calcium	17.3	0.33	1.0	mg/L	17.0		102	85-115			
Magnesium	17.2	0.33	1.0	"	17.0		101	85-115			
Duplicate (5B19124-DUP1)					Source: C5B2404-02		Prepared: 02/19/25 Analyzed: 02/24/25				
Total Hardness	6100		50	mg/L		8070			28	20	QFini, QRPDo
Calcium	388	17	50	"		502			26	20	QFini, QRPDo
Magnesium	1230	17	50	"		1640			28	20	QFini, QRPDo

Batch 5B20091, Prep Method: 200.7/ No Digest, Analyst: MGA

Blank (5B20091-BLK1)					Prepared & Analyzed: 02/21/25						
Magnesium-Dissolved	ND	0.33	1.0	mg/L							
LCS (5B20091-BS1)					Prepared & Analyzed: 02/21/25						
Magnesium-Dissolved	16.3	0.33	1.0	mg/L	16.4		99	85-115			
Matrix Spike (5B20091-MS1)					Source: C5B2404-12		Prepared & Analyzed: 02/21/25				
Magnesium-Dissolved	1280	1.7	5.0	mg/L	82.0	1270	18	70-130			QMint
Matrix Spike Dup (5B20091-MSD1)					Source: C5B2404-12		Prepared & Analyzed: 02/21/25				
Magnesium-Dissolved	1290	1.7	5.0	mg/L	82.0	1270	25	70-130	0.4	20	QMint

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Reported:
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Cations - Quality Control
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Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B21061, Prep Method: 200.7/ No Digest, Analyst: ALD

Blank (5B21061-BLK1)					Prepared: 02/21/25 Analyzed: 02/24/25						
Magnesium-Dissolved	ND	0.33	1.0	mg/L							
LCS (5B21061-BS1)					Prepared: 02/21/25 Analyzed: 02/24/25						
Magnesium-Dissolved	16.6	0.33	1.0	mg/L	16.4		101	85-115			
Matrix Spike (5B21061-MS1)					Source: C5B2404-01RE1 Prepared: 02/21/25 Analyzed: 02/24/25						
Magnesium-Dissolved	1480	3.4	10	mg/L	164	1250	142	70-130			QMint
Matrix Spike Dup (5B21061-MSD1)					Source: C5B2404-01RE1 Prepared: 02/21/25 Analyzed: 02/24/25						
Magnesium-Dissolved	1440	3.4	10	mg/L	164	1250	114	70-130	3	20	QMint



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Anions - Quality Control

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Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B18225, Prep Method: N/A, Analyst: ANM

Blank (5B18225-BLK1)

Prepared & Analyzed: 02/19/25

Sulfate	ND	0.36	0.50	mg/L							
Nitrate as N	ND	0.12	0.20	"							

LCS (5B18225-BS1)

Prepared & Analyzed: 02/19/25

Sulfate	25.1	0.36	0.50	mg/L	25.0		100	90-110			
Nitrate as N	5.60	0.12	0.20	"	5.65		99	90-110			

Duplicate (5B18225-DUP1)

Source: C5B2404-12

Prepared & Analyzed: 02/19/25

Sulfate	1020	0.36	0.50	mg/L		1000			1	25	QOcal
Nitrate as N	2.52	0.12	0.20	"		2.29			10	20	

Matrix Spike (5B18225-MS1)

Source: C5B2404-11

Prepared & Analyzed: 02/19/25

Sulfate	3980	19	26	mg/L	1250	2720	101	80-120			
Nitrate as N	276	6.6	10	"	282	ND	98	80-120			

Matrix Spike (5B18225-MS2)

Source: C5B2404-12

Prepared & Analyzed: 02/19/25

Sulfate	1040	0.36	0.50	mg/L	25.0	1000	135	80-120			QM-4X, QOcal
Nitrate as N	7.76	0.12	0.20	"	5.65	2.29	97	80-120			

Matrix Spike Dup (5B18225-MSD1)

Source: C5B2404-11

Prepared & Analyzed: 02/19/25

Sulfate	3920	19	26	mg/L	1250	2720	96	80-120	2	25	
Nitrate as N	276	6.6	10	"	282	ND	98	80-120	0.06	25	

Batch 5B19097, Prep Method: N/A, Analyst: GMB

Blank (5B19097-BLK1)

Prepared & Analyzed: 02/19/25

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	"							



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Anions - Quality Control

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Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B19097, Prep Method: N/A, Analyst: GMB

LCS (5B19097-BS3)

Prepared & Analyzed: 02/19/25

Total Alkalinity	1150	5.0	5.0	mg/L as CaCO3	1250		92	90-110			
Carbonate	1110	5.0	5.0	"	1250		89	90-110			QLout

Duplicate (5B19097-DUP1)

Source: C5B2142-02

Prepared & Analyzed: 02/19/25

Total Alkalinity	153	5.0	5.0	mg/L as CaCO3		ND				25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	153	5.0	5.0	"		ND				25	

Duplicate (5B19097-DUP2)

Source: C5B2404-01

Prepared & Analyzed: 02/19/25

Total Alkalinity	114	5.0	5.0	mg/L as CaCO3		116			2	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	114	5.0	5.0	"		116			2	25	

Matrix Spike (5B19097-MS1)

Source: C5B2404-01

Prepared & Analyzed: 02/19/25

Total Alkalinity	1050	5.0	5.0	mg/L as CaCO3	1250	116	75	80-120			QFpas, QMout
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Matrix Spike Dup (5B19097-MSD1)

Source: C5B2404-01

Prepared & Analyzed: 02/19/25

Total Alkalinity	910	5.0	5.0	mg/L as CaCO3	1250	116	64	80-120	14	25	QFpas, QMout
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Batch 5B19116, Prep Method: N/A, Analyst: JXM

Blank (5B19116-BLK1)

Prepared & Analyzed: 02/19/25

Sulfate	ND	0.36	0.50	mg/L							
Nitrate as N	ND	0.12	0.20	"							



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Anions - Quality Control

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Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B19116, Prep Method: N/A, Analyst: JXM

LCS (5B19116-BS1)

Prepared & Analyzed: 02/19/25

Sulfate	24.9	0.36	0.50	mg/L	25.0		100	90-110			
Nitrate as N	5.61	0.12	0.20	"	5.65		99	90-110			

Duplicate (5B19116-DUP1)

Source: C5B2404-02RE1 Prepared & Analyzed: 02/20/25

Sulfate	2680	18	25	mg/L	2610				3	25	
Nitrate as N	ND	6.2	10	"	ND					20	

Matrix Spike (5B19116-MS1)

Source: C5B2404-01RE1 Prepared & Analyzed: 02/20/25

Sulfate	1240	19	26	mg/L	1250	2630	NR	80-120			QFnt, QMout
Nitrate as N	275	6.6	10	"	282	ND	97	80-120			

Matrix Spike (5B19116-MS2)

Source: C5B2404-02RE1 Prepared & Analyzed: 02/20/25

Sulfate	3860	19	26	mg/L	1250	2610	100	80-120			
Nitrate as N	277	6.6	10	"	282	ND	98	80-120			

Matrix Spike Dup (5B19116-MSD1)

Source: C5B2404-01RE1 Prepared & Analyzed: 02/20/25

Sulfate	1230	19	26	mg/L	1250	2630	NR	80-120	0.8	25	QFnt, QMout
Nitrate as N	276	6.6	10	"	282	ND	98	80-120	0.2	25	

Batch 5B20087, Prep Method: N/A, Analyst: GMB

Blank (5B20087-BLK1)

Prepared & Analyzed: 02/20/25

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	"							



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Anions - Quality Control

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Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B20087, Prep Method: N/A, Analyst: GMB

LCS (5B20087-BS3)

Prepared & Analyzed: 02/20/25

Total Alkalinity	1140	5.0	5.0	mg/L as CaCO3	1250		91	90-110			
Carbonate	1130	5.0	5.0	"	1250		90	90-110			

Duplicate (5B20087-DUP1)

Source: C5B2404-01RE1

Prepared & Analyzed: 02/20/25

Total Alkalinity	127	5.0	5.0	mg/L as CaCO3		117			8	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	127	5.0	5.0	"		117			8	25	

Duplicate (5B20087-DUP2)

Source: C5B2533-01

Prepared & Analyzed: 02/20/25

Total Alkalinity	159	5.0	5.0	mg/L as CaCO3		156			2	25	
Hydroxide	ND	5.0	5.0	"		ND				25	
Carbonate	ND	5.0	5.0	"		ND				25	
Bicarbonate	159	5.0	5.0	"		156			2	25	

Matrix Spike (5B20087-MS1)

Source: C5B2404-01RE1

Prepared & Analyzed: 02/20/25

Total Alkalinity	1320	5.0	5.0	mg/L as CaCO3	1250	117	96	80-120			
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Matrix Spike Dup (5B20087-MSD1)

Source: C5B2404-01RE1

Prepared & Analyzed: 02/20/25

Total Alkalinity	1300	5.0	5.0	mg/L as CaCO3	1250	117	95	80-120	2	25	
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Batch 5B24228, Prep Method: N/A, Analyst: TRS

Blank (5B24228-BLK1)

Prepared & Analyzed: 02/24/25

Nitrate/Nitrite as N	ND	0.0038	0.010	mg/L							
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LCS (5B24228-BS1)

Prepared & Analyzed: 02/24/25

Nitrate/Nitrite as N	0.506	0.0038	0.010	mg/L	0.500		101	90-110			
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Anions - Quality Control

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Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B24228, Prep Method: N/A, Analyst: TRS

Duplicate (5B24228-DUP1)		Source: C5B2404-01			Prepared & Analyzed: 02/24/25						
Nitrate/Nitrite as N	0.0540	0.0038	0.010	mg/L		0.0520			4	20	
Matrix Spike (5B24228-MS1)		Source: C5B2404-01			Prepared & Analyzed: 02/24/25						
Nitrate/Nitrite as N	0.507	0.0038	0.010	mg/L	0.500	0.0520	91	90-110			
Matrix Spike (5B24228-MS2)		Source: C5B2404-02			Prepared & Analyzed: 02/24/25						
Nitrate/Nitrite as N	0.516	0.0038	0.010	mg/L	0.500	0.0610	91	90-110			
Matrix Spike Dup (5B24228-MSD1)		Source: C5B2404-01			Prepared & Analyzed: 02/24/25						
Nitrate/Nitrite as N	0.519	0.0038	0.010	mg/L	0.500	0.0520	93	90-110	2	20	



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Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B18222, Prep Method: N/A, Analyst: NR

Duplicate (5B18222-DUP1)		Source: C5B2378-01			Prepared & Analyzed: 02/18/25						
Settleable Solids	ND	0.1	0.1	mL/L		ND				20	
Duplicate (5B18222-DUP2)		Source: C5B2380-01			Prepared & Analyzed: 02/18/25						
Settleable Solids	ND	0.1	0.1	mL/L		ND				20	

Batch 5B19083, Prep Method: N/A, Analyst: JXM

Blank (5B19083-BLK1)		Prepared & Analyzed: 02/19/25									
Total Suspended Solids	ND	0.5	0.5	mg/L							
LCS (5B19083-BS1)		Prepared & Analyzed: 02/19/25									
Total Suspended Solids	484	5	5	mg/L	500		97	0-200			
Duplicate (5B19083-DUP1)		Source: C5B1791-02			Prepared & Analyzed: 02/19/25						
Total Suspended Solids	640	20	20	mg/L		580			10	25	
Duplicate (5B19083-DUP2)		Source: C5B2404-05			Prepared & Analyzed: 02/19/25						
Total Suspended Solids	37.2	0.5	0.5	mg/L		34.7			7	25	

Batch 5B19087, Prep Method: N/A, Analyst: ANM

Duplicate (5B19087-DUP1)		Source: C5B2404-11			Prepared & Analyzed: 02/19/25						
Settleable Solids	ND	0.1	0.1	mL/L		ND				20	

Batch 5B21048, Prep Method: N/A, Analyst: CSS

Blank (5B21048-BLK1)		Prepared & Analyzed: 02/21/25									
Total Dissolved Solids	ND	10	10	mg/L							



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Solids - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B21048, Prep Method: N/A, Analyst: CSS

LCS (5B21048-BS1)

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	735	10	10	mg/L	746	99	90-110
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Duplicate (5B21048-DUP1)

Source: C5B2227-02

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	433	10	10	mg/L	442	2	25
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Duplicate (5B21048-DUP2)

Source: C5B2404-05

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	33000	500	500	mg/L	33600	2	25
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Batch 5B21058, Prep Method: N/A, Analyst: CMR

Blank (5B21058-BLK1)

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	ND	10	10	mg/L
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LCS (5B21058-BS1)

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	747	10	10	mg/L	746	100	90-110
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Duplicate (5B21058-DUP1)

Source: C5B2404-01

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	34100	500	500	mg/L	34200	0.4	25
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Duplicate (5B21058-DUP2)

Source: C5B2527-03

Prepared & Analyzed: 02/21/25

Total Dissolved Solids	1590	20	20	mg/L	1590	0.1	25
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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
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Batch 5B20120, Prep Method: N/A, Analyst: GMB

Blank (5B20120-BLK1)

Prepared & Analyzed: 02/20/25

Total Organic Carbon ND 0.70 mg/L

LCS (5B20120-BS1)

Prepared & Analyzed: 02/20/25

Total Organic Carbon 4.85 0.70 mg/L 5.00 97 80-120

Duplicate (5B20120-DUP1)

Source: C5B2008-02

Prepared & Analyzed: 02/20/25

Total Organic Carbon 29.6 0.70 mg/L 27.5 7 25

Matrix Spike (5B20120-MS1)

Source: C5B2008-02

Prepared & Analyzed: 02/20/25

Total Organic Carbon 32.5 0.70 mg/L 5.00 27.5 101 80-120

Matrix Spike Dup (5B20120-MSD1)

Source: C5B2008-02

Prepared & Analyzed: 02/20/25

Total Organic Carbon 32.9 0.70 mg/L 5.00 27.5 108 80-120 1 25



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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

Nutrients - Quality Control
Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B19146, Prep Method: Filter if turbid., Analyst: NR

Blank (5B19146-BLK1)					Prepared & Analyzed: 02/19/25						
Ortho Phosphate Phosphorus	ND		0.050	mg/L							
LCS (5B19146-BS1)					Prepared & Analyzed: 02/19/25						
Ortho Phosphate Phosphorus	0.528		0.050	mg/L	0.500		106	90-110			
Duplicate (5B19146-DUP1)					Source: C5B2404-01		Prepared & Analyzed: 02/19/25				
Ortho Phosphate Phosphorus	0.0280		0.050	mg/L		0.0270			4	20	
Matrix Spike (5B19146-MS1)					Source: C5B2404-01		Prepared & Analyzed: 02/19/25				
Ortho Phosphate Phosphorus	0.540		0.050	mg/L	0.500	0.0270	103	80-120			
Matrix Spike Dup (5B19146-MSD1)					Source: C5B2404-01		Prepared & Analyzed: 02/19/25				
Ortho Phosphate Phosphorus	0.524		0.050	mg/L	0.500	0.0270	99	80-120	3	20	

Batch 5B20125, Prep Method: Acid Digest, Analyst: VMV

Blank (5B20125-BLK1)					Prepared: 02/21/25 Analyzed: 02/24/25						
Kjeldahl Nitrogen	ND	0.09	0.1	mg/L							
LCS (5B20125-BS1)					Prepared: 02/21/25 Analyzed: 02/24/25						
Kjeldahl Nitrogen	0.984	0.09	0.1	mg/L	1.00		98	80-120			
Duplicate (5B20125-DUP1)					Source: C5B2404-01		Prepared: 02/21/25 Analyzed: 02/24/25				
Kjeldahl Nitrogen	ND	0.9	1.0	mg/L		ND				25	
Matrix Spike (5B20125-MS1)					Source: C5B2404-01		Prepared: 02/21/25 Analyzed: 02/24/25				
Kjeldahl Nitrogen	8.65	0.9	1.0	mg/L	10.0	ND	86	42-154			



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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

Nutrients - Quality Control
Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B20125, Prep Method: Acid Digest, Analyst: VMV

Matrix Spike Dup (5B20125-MSD1) **Source: C5B2404-01** Prepared: 02/21/25 Analyzed: 02/24/25

Kjeldahl Nitrogen	9.45	0.9	1.0	mg/L	10.0	ND	95	42-154	9	25
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Batch 5B21075, Prep Method: Total Phos - Acid Digest, Analyst: BXR

Blank (5B21075-BLK1) Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	ND	0.02	0.05	mg/L
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LCS (5B21075-BS1) Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	0.245	0.02	0.05	mg/L	0.250	98	90-110
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Duplicate (5B21075-DUP1) **Source: C5B2404-12** Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	0.0748	0.02	0.05	mg/L	0.0744			0.5	25
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Matrix Spike (5B21075-MS1) **Source: C5B2404-12** Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	0.326	0.02	0.05	mg/L	0.250	0.0744	101	80-120
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Matrix Spike Dup (5B21075-MSD1) **Source: C5B2404-12** Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	0.310	0.02	0.05	mg/L	0.250	0.0744	94	80-120	5	25
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Batch 5B21076, Prep Method: Total Phos - Acid Digest, Analyst: BXR

Blank (5B21076-BLK1) Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	ND	0.02	0.05	mg/L
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LCS (5B21076-BS1) Prepared & Analyzed: 02/21/25

Phosphorus, Total as P	0.241	0.02	0.05	mg/L	0.250	96	90-110
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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

Nutrients - Quality Control
Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B21076, Prep Method: Total Phos - Acid Digest, Analyst: BXR

Duplicate (5B21076-DUP1)		Source: C5B2404-01			Prepared & Analyzed: 02/21/25						
Phosphorus, Total as P	0.0359	0.02	0.05	mg/L		0.0332			8	25	J
Matrix Spike (5B21076-MS1)		Source: C5B2404-01			Prepared & Analyzed: 02/21/25						
Phosphorus, Total as P	0.282	0.02	0.05	mg/L	0.250	0.0332	99	80-120			
Matrix Spike Dup (5B21076-MSD1)		Source: C5B2404-01			Prepared & Analyzed: 02/21/25						
Phosphorus, Total as P	0.284	0.02	0.05	mg/L	0.250	0.0332	100	80-120	0.6	25	

Batch 5B21083, Prep Method: Ammonia - Gas Diffusion, Analyst: TRS

Blank (5B21083-BLK1)		Prepared & Analyzed: 02/21/25									
Ammonia-Nitrogen	0.005	0.005	0.01	mg/L							J
LCS (5B21083-BS1)		Prepared & Analyzed: 02/21/25									
Ammonia-Nitrogen	0.500	0.005	0.01	mg/L	0.500		100	90-110			
Duplicate (5B21083-DUP1)		Source: C5B2404-01			Prepared & Analyzed: 02/21/25						
Ammonia-Nitrogen	0.0410	0.005	0.01	mg/L		0.0400			2	20	
Matrix Spike (5B21083-MS1)		Source: C5B2404-01			Prepared & Analyzed: 02/21/25						
Ammonia-Nitrogen	0.559	0.005	0.01	mg/L	0.500	0.0400	104	80-120			
Matrix Spike Dup (5B21083-MSD1)		Source: C5B2404-01			Prepared & Analyzed: 02/21/25						
Ammonia-Nitrogen	0.582	0.005	0.01	mg/L	0.500	0.0400	108	80-120	4	20	



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Reported:
02/26/25 09:26

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
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Batch 5B19081, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR

Blank (5B19081-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

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

LCS (5B19081-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Mercury-Dissolved	3.58	0.11	0.20	ug/L	4.00		90	85-115			
Mercury	3.58	0.11	0.20	"	4.00		90	85-115			

Duplicate (5B19081-DUP1)

Source: C5B2404-01

Prepared: 02/19/25 Analyzed: 02/20/25

Mercury-Dissolved	ND	0.28	0.50	ug/L		ND				20	
Mercury	ND	0.28	0.50	"		ND				20	

Matrix Spike (5B19081-MS1)

Source: C5B2404-01

Prepared: 02/19/25 Analyzed: 02/20/25

Mercury-Dissolved	9.63	0.28	0.50	ug/L	10.0	ND	96	70-130			
Mercury	9.63	0.28	0.50	"	10.0	ND	96	70-130			

Matrix Spike Dup (5B19081-MSD1)

Source: C5B2404-01

Prepared: 02/19/25 Analyzed: 02/20/25

Mercury-Dissolved	9.86	0.28	0.50	ug/L	10.0	ND	99	70-130	2	20	
Mercury	9.86	0.28	0.50	"	10.0	ND	99	70-130	2	20	

Batch 5B19082, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR

Blank (5B19082-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

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

LCS (5B19082-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Mercury-Dissolved	3.83	0.11	0.20	ug/L	4.00		96	85-115			
Mercury	3.83	0.11	0.20	"	4.00		96	85-115			



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Project: RWB4_WildFireResponse_2025
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Project Manager: John Salguero

Reported:
02/26/25 09:26

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
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Batch 5B19082, Prep Method: EPA 7470A/SM 3112B, Analyst: JTR

Duplicate (5B19082-DUP1)		Source: C5B2404-11			Prepared: 02/19/25		Analyzed: 02/20/25				
Mercury-Dissolved	ND	0.28	0.50	ug/L		ND				20	
Mercury	ND	0.28	0.50	"		ND				20	
Matrix Spike (5B19082-MS1)		Source: C5B2404-11			Prepared: 02/19/25		Analyzed: 02/20/25				
Mercury-Dissolved	9.90	0.28	0.50	ug/L	10.0	ND	99	70-130			
Mercury	9.90	0.28	0.50	"	10.0	ND	99	70-130			
Matrix Spike Dup (5B19082-MSD1)		Source: C5B2404-11			Prepared: 02/19/25		Analyzed: 02/20/25				
Mercury-Dissolved	9.86	0.28	0.50	ug/L	10.0	ND	99	70-130	0.4	20	
Mercury	9.86	0.28	0.50	"	10.0	ND	99	70-130	0.4	20	

Batch 5B19101, Prep Method: EPA 200.2, Analyst: AJH

Blank (5B19101-BLK1)					Prepared: 02/19/25		Analyzed: 02/20/25				
Arsenic	ND	1.8	5.0	ug/L							
Cadmium	ND	0.25	1.0	"							
Total Chromium	ND	4.0	20	"							
Copper	ND	3.3	10	"							
Lead	ND	3.3	10	"							
Manganese	ND	3.3	10	"							
Nickel	ND	3.3	10	"							
Selenium	ND	1.7	5.0	"							
Zinc	ND	5.0	10	"							
LCS (5B19101-BS1)					Prepared: 02/19/25		Analyzed: 02/20/25				
Arsenic	344	1.8	5.0	ug/L	332		103	85-115			
Cadmium	346	0.25	1.0	"	332		104	85-115			
Total Chromium	346	4.0	20	"	332		104	85-115			
Copper	342	3.3	10	"	332		103	85-115			
Lead	343	3.3	10	"	332		103	85-115			
Manganese	344	3.3	10	"	332		103	85-115			
Nickel	344	3.3	10	"	332		103	85-115			
Selenium	350	1.7	5.0	"	332		105	85-115			
Zinc	341	5.0	10	"	332		102	85-115			

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Project Number: Wildfire Response 2025
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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
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Batch 5B19101, Prep Method: EPA 200.2, Analyst: AJH

Duplicate (5B19101-DUP1)					Source: C5B2404-02		Prepared: 02/19/25		Analyzed: 02/20/25		
Arsenic	8.55	7.1	20	ug/L		8.36			2	20	J
Cadmium	ND	0.99	4.0	"		ND				20	
Total Chromium	ND	16	80	"		ND				20	
Copper	ND	13	40	"		ND				20	
Lead	ND	13	40	"		ND				20	
Manganese	62.0	13	40	"		61.3			1	20	
Nickel	ND	13	40	"		ND				20	
Selenium	125	6.7	20	"		107			16	20	
Zinc	ND	20	40	"		ND				20	

Matrix Spike (5B19101-MS1)					Source: C5B2404-02		Prepared: 02/19/25		Analyzed: 02/20/25		
Arsenic	355	7.1	20	ug/L	332	8.36	104	70-130			
Cadmium	293	0.99	4.0	"	332	ND	88	70-130			
Total Chromium	381	16	80	"	332	ND	115	70-130			
Copper	312	13	40	"	332	ND	94	70-130			
Lead	312	13	40	"	332	ND	94	70-130			
Manganese	421	13	40	"	332	61.3	108	70-130			
Nickel	332	13	40	"	332	ND	100	70-130			
Selenium	419	6.7	20	"	332	107	94	70-130			
Zinc	277	20	40	"	332	ND	83	70-130			

Matrix Spike Dup (5B19101-MSD1)					Source: C5B2404-02		Prepared: 02/19/25		Analyzed: 02/20/25		
Arsenic	356	7.1	20	ug/L	332	8.36	104	70-130	0.3	20	
Cadmium	296	0.99	4.0	"	332	ND	89	70-130	1	20	
Total Chromium	382	16	80	"	332	ND	115	70-130	0.3	20	
Copper	315	13	40	"	332	ND	95	70-130	0.9	20	
Lead	320	13	40	"	332	ND	96	70-130	2	20	
Manganese	423	13	40	"	332	61.3	109	70-130	0.6	20	
Nickel	336	13	40	"	332	ND	101	70-130	1	20	
Selenium	434	6.7	20	"	332	107	99	70-130	4	20	
Zinc	274	20	40	"	332	ND	82	70-130	1	20	

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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
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Batch 5B19105, Prep Method: 200.8/ No Digest, Analyst: AJH

Blank (5B19105-BLK1)

Prepared & Analyzed: 02/19/25

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

LCS (5B19105-BS1)

Prepared & Analyzed: 02/19/25

Copper-Dissolved	51.2	3.3	10	ug/L	50.0	102	85-115
Arsenic-Dissolved	51.0	1.8	5.0	"	50.0	102	85-115
Lead-Dissolved	51.6	3.3	10	"	50.0	103	85-115
Chromium-Dissolved	51.5	4.0	20	"	50.0	103	85-115
Zinc-Dissolved	52.1	5.0	10	"	50.0	104	85-115
Cadmium-Dissolved	51.2	0.25	2.0	"	50.0	102	85-115
Selenium-Dissolved	50.0	1.7	5.0	"	50.0	100	85-115
Manganese-Dissolved	50.6	3.3	10	"	50.0	101	85-115
Nickel-Dissolved	51.8	3.3	10	"	50.0	104	85-115

Duplicate (5B19105-DUP1)

Source: C5B2404-01

Prepared & Analyzed: 02/19/25

Manganese-Dissolved	ND	13	40	ug/L	ND	20
Nickel-Dissolved	ND	13	40	"	ND	20
Zinc-Dissolved	ND	20	40	"	ND	20
Cadmium-Dissolved	ND	0.99	8.0	"	ND	20
Copper-Dissolved	ND	13	40	"	ND	20
Chromium-Dissolved	ND	16	80	"	ND	20
Lead-Dissolved	ND	13	40	"	ND	20
Arsenic-Dissolved	ND	7.1	20	"	ND	20
Selenium-Dissolved	92.4	6.7	20	"	101	9 20

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Reported:
02/26/25 09:26

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
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Batch 5B19105, Prep Method: 200.8/ No Digest, Analyst: AJH

Matrix Spike (5B19105-MS1)				Source: C5B2404-01		Prepared & Analyzed: 02/19/25					
Chromium-Dissolved	219	16	80	ug/L	200	ND	110	70-130			
Copper-Dissolved	180	13	40	"	200	ND	90	70-130			
Cadmium-Dissolved	168	0.99	8.0	"	200	ND	84	70-130			
Arsenic-Dissolved	206	7.1	20	"	200	ND	103	70-130			
Lead-Dissolved	186	13	40	"	200	ND	93	70-130			
Nickel-Dissolved	189	13	40	"	200	ND	94	70-130			
Selenium-Dissolved	272	6.7	20	"	200	101	85	70-130			
Manganese-Dissolved	219	13	40	"	200	ND	109	70-130			
Zinc-Dissolved	153	20	40	"	200	ND	76	70-130			

Matrix Spike Dup (5B19105-MSD1)				Source: C5B2404-01		Prepared & Analyzed: 02/19/25					
Zinc-Dissolved	153	20	40	ug/L	200	ND	77	70-130	0.3	20	
Copper-Dissolved	181	13	40	"	200	ND	90	70-130	0.06	20	
Nickel-Dissolved	187	13	40	"	200	ND	94	70-130	0.8	20	
Cadmium-Dissolved	164	0.99	8.0	"	200	ND	82	70-130	2	20	
Lead-Dissolved	184	13	40	"	200	ND	92	70-130	0.6	20	
Arsenic-Dissolved	205	7.1	20	"	200	ND	103	70-130	0.3	20	
Selenium-Dissolved	272	6.7	20	"	200	101	85	70-130	0.02	20	
Manganese-Dissolved	217	13	40	"	200	ND	109	70-130	0.7	20	
Chromium-Dissolved	217	16	80	"	200	ND	108	70-130	1	20	

Batch 5B19124, Prep Method: EPA 200.2, Analyst: MGA

Blank (5B19124-BLK1)				Prepared: 02/19/25 Analyzed: 02/21/25							
Aluminum	ND	17	50	ug/L							
Iron	ND	26	50	"							



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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

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
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Batch 5B19124, Prep Method: EPA 200.2, Analyst: MGA

LCS (5B19124-BS1)

Prepared: 02/19/25 Analyzed: 02/21/25

Aluminum	1230	17	50	ug/L	1170		105	85-115			
Iron	1200	26	50	"	1170		103	85-115			

Duplicate (5B19124-DUP1)

Source: C5B2404-02

Prepared: 02/19/25 Analyzed: 02/24/25

Aluminum	ND	840	2500	ug/L		1070				20	
Iron	ND	1300	2500	"		1600				20	

Batch 5B20091, Prep Method: 200.7/ No Digest, Analyst: MGA

Blank (5B20091-BLK1)

Prepared & Analyzed: 02/21/25

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

LCS (5B20091-BS1)

Prepared & Analyzed: 02/21/25

Aluminum-Dissolved	399	17	50	ug/L	400		100	85-115			
Iron-Dissolved	1630	26	50	"	1600		102	85-115			

Matrix Spike (5B20091-MS1)

Source: C5B2404-12

Prepared & Analyzed: 02/21/25

Aluminum-Dissolved	1760	84	250	ug/L	2000	ND	88	70-130			
Iron-Dissolved	7910	130	250	"	8000	ND	99	70-130			

Matrix Spike Dup (5B20091-MSD1)

Source: C5B2404-12

Prepared & Analyzed: 02/21/25

Aluminum-Dissolved	1730	84	250	ug/L	2000	ND	87	70-130	2	20	
Iron-Dissolved	7930	130	250	"	8000	ND	99	70-130	0.3	20	

Batch 5B21061, Prep Method: 200.7/ No Digest, Analyst: ALD

Blank (5B21061-BLK1)

Prepared: 02/21/25 Analyzed: 02/24/25

Iron-Dissolved	ND	26	50	ug/L							
Aluminum-Dissolved	19.9	17	50	"							J

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

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

Reported:
02/26/25 09:26

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
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Batch 5B21061, Prep Method: 200.7/ No Digest, Analyst: ALD

LCS (5B21061-BS1)

Prepared: 02/21/25 Analyzed: 02/24/25

Iron-Dissolved	1650	26	50	ug/L	1600		103	85-115			
Aluminum-Dissolved	389	17	50	"	400		97	85-115			

Matrix Spike (5B21061-MS1)

Source: C5B2404-01RE1 Prepared: 02/21/25 Analyzed: 02/24/25

Iron-Dissolved	17400	260	500	ug/L	16000	333	107	70-130			
Aluminum-Dissolved	4410	170	500	"	4000	ND	110	70-130			

Matrix Spike Dup (5B21061-MSD1)

Source: C5B2404-01RE1 Prepared: 02/21/25 Analyzed: 02/24/25

Iron-Dissolved	17200	260	500	ug/L	16000	333	106	70-130	1	20	
Aluminum-Dissolved	4080	170	500	"	4000	ND	102	70-130	8	20	



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Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

Semivolatile Organic Compounds by EPA 8270C SIM - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B20095, Prep Method: EPA 3510C, Analyst: LLU

Blank (5B20095-BLK1)

Prepared: 02/20/25 Analyzed: 02/25/25

Benzo(a)anthracene	ND	0.02	0.05	ug/L							
Benzo(b)fluoranthene	ND	0.02	0.05	"							
Acenaphthene	ND	0.02	0.05	"							
Acenaphthylene	ND	0.02	0.05	"							
Anthracene	ND	0.01	0.05	"							
Benzo(a)pyrene	ND	0.02	0.05	"							
Benzo(ghi)perylene	ND	0.01	0.05	"							
Benzo(k)fluoranthene	ND	0.02	0.05	"							
Chrysene	ND	0.03	0.05	"							
Dibenzo(a,h)anthracene	ND	0.02	0.05	"							
Fluoranthene	ND	0.02	0.05	"							
Fluorene	ND	0.02	0.05	"							
Indeno(1,2,3-cd)pyrene	ND	0.02	0.05	"							
Naphthalene	ND	0.02	0.05	"							
Phenanthrene	ND	0.02	0.05	"							
Pyrene	ND	0.01	0.05	"							
Surrogate: Anthracene-d10	0.064			"	0.100		64	10-162			

LCS (5B20095-BS1)

Prepared: 02/20/25 Analyzed: 02/25/25

Q_nes

Benzo(a)anthracene	0.517	0.02	0.05	ug/L	0.500		103	28-124			
Benzo(b)fluoranthene	0.491	0.02	0.05	"	0.500		98	21-133			
Acenaphthene	0.393	0.02	0.05	"	0.500		79	31-104			
Acenaphthylene	0.412	0.02	0.05	"	0.500		82	29-109			
Anthracene	0.401	0.01	0.05	"	0.500		80	24-117			
Benzo(a)pyrene	0.471	0.02	0.05	"	0.500		94	16-129			
Benzo(ghi)perylene	0.437	0.01	0.05	"	0.500		87	15-136			
Benzo(k)fluoranthene	0.447	0.02	0.05	"	0.500		89	18-139			
Chrysene	0.446	0.03	0.05	"	0.500		89	30-114			
Dibenzo(a,h)anthracene	0.428	0.02	0.05	"	0.500		86	13-143			
Fluoranthene	0.464	0.02	0.05	"	0.500		93	25-121			
Fluorene	0.424	0.02	0.05	"	0.500		85	28-111			
Indeno(1,2,3-cd)pyrene	0.499	0.02	0.05	"	0.500		100	10-141			
Naphthalene	0.362	0.02	0.05	"	0.500		72	29-100			
Phenanthrene	0.415	0.02	0.05	"	0.500		83	30-111			
Pyrene	0.439	0.01	0.05	"	0.500		88	37-120			
Surrogate: Anthracene-d10	0.080			"	0.100		80	10-162			

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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

Semivolatile Organic Compounds by EPA 8270C SIM - Quality Control

Babcock Laboratories, Inc. - Riverside

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B20095, Prep Method: EPA 3510C, Analyst: LLU

LCS Dup (5B20095-BSD1)					Prepared: 02/20/25		Analyzed: 02/25/25		Q_nes		
Benzo(a)anthracene	0.463	0.02	0.05	ug/L	0.500		93	28-124	11	40	
Benzo(b)fluoranthene	0.433	0.02	0.05	"	0.500		87	21-133	13	40	
Acenaphthene	0.370	0.02	0.05	"	0.500		74	31-104	6	40	
Acenaphthylene	0.394	0.02	0.05	"	0.500		79	29-109	4	40	
Anthracene	0.392	0.01	0.05	"	0.500		78	24-117	2	40	
Benzo(a)pyrene	0.421	0.02	0.05	"	0.500		84	16-129	11	40	
Benzo(ghi)perylene	0.367	0.01	0.05	"	0.500		73	15-136	18	40	
Benzo(k)fluoranthene	0.393	0.02	0.05	"	0.500		79	18-139	13	40	
Chrysene	0.399	0.03	0.05	"	0.500		80	30-114	11	40	
Dibenzo(a,h)anthracene	0.370	0.02	0.05	"	0.500		74	13-143	15	40	
Fluoranthene	0.429	0.02	0.05	"	0.500		86	25-121	8	40	
Fluorene	0.399	0.02	0.05	"	0.500		80	28-111	6	40	
Indeno(1,2,3-cd)pyrene	0.416	0.02	0.05	"	0.500		83	10-141	18	40	
Naphthalene	0.327	0.02	0.05	"	0.500		65	29-100	10	40	
Phenanthrene	0.393	0.02	0.05	"	0.500		79	30-111	5	40	
Pyrene	0.409	0.01	0.05	"	0.500		82	37-120	7	40	
Surrogate: Anthracene-d10	0.076			"	0.100		76	10-162			



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Project Number: Wildfire Response 2025
Project Manager: John Salguero

Reported:
02/26/25 09:26

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
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Batch 5B19139, Prep Method: SPE, Analyst: MOF

Blank (5B19139-BLK1)

Prepared: 02/19/25 Analyzed: 02/24/25

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 (PFTriDA)	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)	3.37	3.1	8.0	"							J
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	4.9	8.0	"							
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	3.4	8.0	"							
N-Methylperfluorooctanesulfonamidoeth anol (MeFOSE)	ND	4.8	8.0	"							
N-Ethylperfluorooctanesulfonamidoetha nol (EtFOSE)	ND	3.3	8.0	"							
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	2.3	5.0	"							

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

Reported:
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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
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Batch 5B19139, Prep Method: SPE, Analyst: MOF

Blank (5B19139-BLK1)

Prepared: 02/19/25 Analyzed: 02/24/25

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 (5B19139-BS1)

Prepared: 02/19/25 Analyzed: 02/21/25

Perfluorobutanoic acid (PFBA)	20	2.1	5.0	ng/L	20.0	99	73-129
Perfluoropentanoic acid (PFPeA)	20	1.1	5.0	"	20.0	98	72-129
Perfluorohexanoic Acid (PFHxA)	20	3.8	5.0	"	20.0	99	72-129
Perfluoroheptanoic Acid (PFHpA)	20	3.2	5.0	"	20.0	98	72-130
Perfluorooctanoic Acid (PFOA)	20	2.7	5.0	"	20.0	100	71-133
Perfluorononanoic Acid (PFNA)	20	2.2	5.0	"	20.0	98	69-130
Perfluorodecanoic Acid (PFDA)	20	1.5	5.0	"	20.0	101	71-129
Perfluoroundecanoic Acid (PFUnA)	20	0.92	5.0	"	20.0	100	69-133
Perfluorododecanoic Acid (PFDoDA)	20	2.1	5.0	"	20.0	102	72-134
Perfluorotridecanoic Acid (PFTrDA)	20	1.3	5.0	"	20.0	100	65-144
Perfluorotetradecanoic Acid (PFTeDA)	20	1.3	5.0	"	20.0	101	71-132
Perfluorohexadecanoic acid (PFHxDA)	20	1.9	5.0	"	20.0	101	70-130
Perfluorooctadecanoic acid (PFODA)	18	4.1	5.0	"	20.0	90	38-142
Perfluorobutanesulfonic Acid (PFBS)	20	2.4	5.0	"	20.0	98	72-130
Perfluoropentanesulfonate (PFPeS)	20	3.1	5.0	"	20.0	102	71-127
Perfluorohexanesulfonic Acid (PFHxS)	20	1.9	5.0	"	20.0	101	68-131
Perfluoroheptanesulfonic acid (PFHpS)	20	1.9	5.0	"	20.0	98	69-134
Perfluorooctanesulfonic Acid (PFOS)	19	1.5	5.0	"	20.0	97	65-140
Perfluorononanesulfonic acid (PFNS)	19	2.9	5.0	"	20.0	97	69-127
Perfluorodecanesulfonic acid (PFDS)	18	2.8	5.0	"	20.0	90	53-142
4:2 Fluorotelomer Sulfonate	19	2.0	5.0	"	20.0	96	63-143
6:2 Fluorotelomer Sulfonate	23	1.5	5.0	"	20.0	113	64-140
8:2 Fluorotelomer Sulfonate	22	1.3	5.0	"	20.0	109	67-138
10:2 Fluorotelomer sulfonate	20	5.4	8.0	"	20.0	99	64-136
N-methyl perfluorooctanesulfonamidoacetic acid	19	2.6	8.0	"	20.0	96	65-136

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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

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
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Batch 5B19139, Prep Method: SPE, Analyst: MOF

LCS (5B19139-BS1)

Prepared: 02/19/25 Analyzed: 02/21/25

N-ethyl perfluorooctanesulfonamidoacetic acid	19	4.4	8.0	ng/L	20.0		96	61-135			
Perfluorooctane Sulfonamide (PFOSA)	23	3.1	8.0	"	20.0		117	67-137			
N-Methylperfluorooctanesulfonamide (MeFOSA)	20	4.9	8.0	"	20.0		101	68-141			
N-Ethylperfluorooctanesulfonamide (EtFOSA)	20	3.4	8.0	"	20.0		100	52-159			
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	20	4.8	8.0	"	20.0		100	70-134			
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	20	3.3	8.0	"	20.0		100	58-148			
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	19	2.3	5.0	"	20.0		97	40-145			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	18	4.1	8.0	"	20.0		90	70-130			
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	19	4.2	8.0	"	20.0		94	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	21	1.9	5.0	"	20.0		103	65-135			
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	20	2.9	5.0	"	20.0		100	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	18	1.4	5.0	"	20.0		92	70-130			

LCS Dup (5B19139-BS1)

Prepared: 02/19/25 Analyzed: 02/21/25

Perfluorobutanoic acid (PFBA)	20	2.1	5.0	ng/L	20.0		100	73-129	1	30	
Perfluoropentanoic acid (PFPeA)	20	1.1	5.0	"	20.0		98	72-129	0.6	30	
Perfluorohexanoic Acid (PFHxA)	20	3.8	5.0	"	20.0		100	72-129	0.8	30	
Perfluoroheptanoic Acid (PFHpA)	20	3.2	5.0	"	20.0		100	72-130	1	30	
Perfluorooctanoic Acid (PFOA)	20	2.7	5.0	"	20.0		100	71-133	0.04	30	
Perfluorononanoic Acid (PFNA)	20	2.2	5.0	"	20.0		100	69-130	2	30	
Perfluorodecanoic Acid (PFDA)	20	1.5	5.0	"	20.0		101	71-129	0.3	30	
Perfluoroundecanoic Acid (PFUnA)	21	0.92	5.0	"	20.0		103	69-133	3	30	
Perfluorododecanoic Acid (PFDoDA)	21	2.1	5.0	"	20.0		103	72-134	0.9	30	
Perfluorotridecanoic Acid (PFTriDA)	21	1.3	5.0	"	20.0		103	65-144	3	30	
Perfluorotetradecanoic Acid (PFTeDA)	21	1.3	5.0	"	20.0		103	71-132	2	30	
Perfluorohexadecanoic acid (PFHxDA)	21	1.9	5.0	"	20.0		105	70-130	4	30	
Perfluorooctadecanoic acid (PFOcDA)	23	4.1	5.0	"	20.0		113	38-142	23	30	
Perfluorobutanesulfonic Acid (PFBS)	20	2.4	5.0	"	20.0		101	72-130	3	30	
Perfluoropentanesulfonate (PFPeS)	20	3.1	5.0	"	20.0		100	71-127	2	30	

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320 West Fourth Street, Suite 200
Los Angeles CA, 90013

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

Reported:
02/26/25 09:26

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
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Batch 5B19139, Prep Method: SPE, Analyst: MOF

LCS Dup (5B19139-BSD1)

Prepared: 02/19/25 Analyzed: 02/21/25

Perfluorohexanesulfonic Acid (PFHxS)	21	1.9	5.0	ng/L	20.0		103	68-131	2	30	
Perfluoroheptanesulfonic acid (PFHpS)	20	1.9	5.0	"	20.0		100	69-134	3	30	
Perfluorooctanesulfonic Acid (PFOS)	20	1.5	5.0	"	20.0		101	65-140	4	30	
Perfluorononanesulfonic acid (PFNS)	20	2.9	5.0	"	20.0		98	69-127	2	30	
Perfluorodecanesulfonic acid (PFDS)	19	2.8	5.0	"	20.0		93	53-142	3	30	
4:2 Fluorotelomer Sulfonate	19	2.0	5.0	"	20.0		97	63-143	1	30	
6:2 Fluorotelomer Sulfonate	23	1.5	5.0	"	20.0		114	64-140	1	30	
8:2 Fluorotelomer Sulfonate	22	1.3	5.0	"	20.0		111	67-138	2	30	
10:2 Fluorotelomer sulfonate	20	5.4	8.0	"	20.0		100	64-136	0.7	30	
N-methyl perfluorooctanesulfonamidoacetic acid	20	2.6	8.0	"	20.0		98	65-136	2	30	
N-ethyl perfluorooctanesulfonamidoacetic acid	20	4.4	8.0	"	20.0		100	61-135	4	30	
Perfluorooctane Sulfonamide (PFOSA)	25	3.1	8.0	"	20.0		123	67-137	5	30	
N-Methylperfluorooctanesulfonamide (MeFOSA)	21	4.9	8.0	"	20.0		105	68-141	4	30	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	21	3.4	8.0	"	20.0		105	52-159	4	30	
N-Methylperfluorooctanesulfonamidoeth anol (MeFOSE)	20	4.8	8.0	"	20.0		98	70-134	1	30	
N-Ethylperfluorooctanesulfonamidoetha nol (EtFOSE)	20	3.3	8.0	"	20.0		100	58-148	0.04	30	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	19	2.3	5.0	"	20.0		96	40-145	1	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	19	4.1	8.0	"	20.0		93	70-130	3	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	19	4.2	8.0	"	20.0		95	70-130	1	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	21	1.9	5.0	"	20.0		104	65-135	1	30	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	19	2.9	5.0	"	20.0		97	70-130	3	30	
9-chlorohexadecafluoro-3-oxanone-1-su lfonic Acid	20	0.86	5.0	"	20.0		102	70-130	2	30	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	19	1.4	5.0	"	20.0		94	70-130	2	30	

Babcock Laboratories, Inc. - Riverside

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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6100 Quail Valley Court
Riverside, CA 92507-0704
(951) 653-3351

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

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

Reported:
 02/26/25 09:26

Notes and Definitions

J	Estimated value
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.
NCALhND	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, therefore data not impacted.
NISm	Due to matrix interference, the internal standard recovery for this analyte did not meet laboratory acceptance criteria.
Q_nes	Insufficient sample for the sample duplicate and/or MS/MSD analysis.
QFin	Follow-up result also did not meet laboratory acceptance criteria.
QFnt	The referenced sample did not require this QC analyte, so a follow-up is not needed.
QFpas	Follow-up result within laboratory acceptance criteria.
QIS	The Internal Standard recovery for this QC analyte did not meet acceptance criteria.
QLout	The LCS and/or LCSD recovery did not meet laboratory acceptance criteria.
QM-4X	Due to analyte concentration greater than or equal to 4 times the spike concentration, recoveries for the MS and/or MSD did not meet laboratory acceptance criteria.
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.
QOcal	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
QRPD	The RPD value for the sample duplicate or MS/MSD did not meet laboratory acceptance criteria.

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Limit (or Method Detection Limit when listed)
NR	Not Reported
Dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



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320 West Fourth Street, Suite 200
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Project: RWB4_WildFireResponse_2025
Project Number: Wildfire Response 2025
Project Manager: John Salguero

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02/26/25 09:26

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

Cert. ID	Description	Cert. Number	Expires
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Non-SWAMP/CEDEN Projects

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

Chain of Custody Record & Sample Information

Page 1 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										Notes
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC		
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID: Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashlduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location																
1)	DPH 001	2/18/25	0854															Big Rock Beach, Piedra Gorda Canyon SD	
2)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD															
3)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD															
4)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD															
5)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD															
6)	DPH 001	2/18/25	0856	Big Rock Beach, Piedra Gorda Canyon SD															
7)	DPH 001	2/18/25	0901	Big Rock Beach, Piedra Gorda Canyon SD															
8)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD															
9)																			
10)																			

All HCL vials received with headspace.
02/18/25 BG

Samples Relinquished By:					Samples Received By:				
Name (Print) and Agency	Signature	Date	Time		Name (Print) and Agency	Signature	Date	Time	
1) JASON BUAL DPH	[Signature]	2/18/25	1340		MARK COMO / DPH	[Signature]	2/18/25	1340	
2) MARK COMO DPH	[Signature]	2/18/25	1415		ARURO ARURO	[Signature]	2/18/25	1415	
3) ARURO ARURO / DPH	[Signature]	2/18/25	1659		VICTORIA L	[Signature]	2/18/25	1654	
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 TUR-18.7 Temp-57.9°F PH-6.5		Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Routine <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>	
		Sample(s) Properly Cooled: Y / N / NA	Y	Temperature: 1 °C			
		Sample(s) Intact: Y / N / NA	Y				
		Custody Seal(s) Intact: Y / N / NA	NA				
		Sample(s) Accepted: Y / N	Y		Send Results to: emily.duncan@waterboards.ca.gov		

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

JASON BUAL MARKA EM PETER HABIB

C5B2404

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 2 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested														
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	All HCL vials received with headspace. 02/18/25 BG
Project Name: RWB4 Wildfire Response 2025				GeoTracker Global ID:																		
Project Lead:				Field Lead:																		
Name: Emily Duncan				Name: Ashley Duong																		
Phone: (213) 576-6679				Phone: 626-430-5360																		
Email: emily.duncan@waterboards.ca.gov				Email: ashduong@ph.lacounty.gov																		
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes				
1)	2/18/25	1006	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	1	4	X							X		(5X) 1L Plastic HDPE				
2)	2/18/25	1012	Santa Monica State Beach, 50 yds east of SD	SSW	G	G	1	2		X								(2X) 1L Amber Glass				
3)	2/18/25	1010	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)				
4)	2/18/25	1015	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)				
5)	2/18/25	1011	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)				
6)	2/18/25	1008	Santa Monica State Beach, 50 yds east of SD	SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)				
7)	2/18/25	1011	Santa Monica State Beach, 50 yds east of SD	SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)				
8)	2/18/25	1008	Santa Monica State Beach, 50 yds east of SD	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) MARK COMO / DPH		<i>[Signature]</i>		2/18/25		1415		Arturo Arce Obregon		<i>[Signature]</i>		2/18/25		1415								
2) Arturo Arce Obregon / DS		<i>[Signature]</i>		2/18/25		1654		Victor Juarez		<i>[Signature]</i>		2/18/25		1654								
3)																						
4)																						
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:				Laboratory Notes:				Special Instructions:										
SPW = 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				TEMP: 58.3 PH: 7.8 NTU: 26.3				Return Shipping Containers?										
				Temperature: 1 °C																		
				Sample(s) Intact: Y / N / NA								Routine										
				Custody Seal(s) Intact: Y / N / NA				Send Results to: OIMA-Helpdesk@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush)										
				Sample(s) Accepted: Y / N				emily.duncan@waterboards.				*48-Hr (Rush)										

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

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 3 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Analyses Requested													
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025		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
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:															
Project Lead:		Field Lead:															
Name: Emily Duncan		Name: Ashley Duong															
Phone: (213) 576-6679		Phone: 626-430-5360															
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov															
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
1)	2/18/25	0855	Venice City Beach, 50 yds south of SD	SSW	G	P	1	4	X						X		(5X) 1L Plastic HDPE
2)	2/18/25	0901	Venice City Beach, 50 yds south of SD	SSW	G	G	1	2		X							(2X) 1L Amber Glass
3)	2/18/25	0858	Venice City Beach, 50 yds south of SD	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)
4)	2/18/25	0905	Venice City Beach, 50 yds south of SD	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)
5)	2/18/25	0859	Venice City Beach, 50 yds south of SD	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)
6)	2/18/25	0907	Venice City Beach, 50 yds south of SD	SSW	G	G	4	3								X	40mL Amber Vial x3 (Sulfuric)
7)	2/18/25	0900	Venice City Beach, 50 yds south of SD	SSW	G	G	3	4						X			40mL Amber Vial x4 (HCl)
8)	2/18/25	0857	Venice City Beach, 50 yds south of SD	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) Mark Como / DPH		[Signature]		2/18/25		1415		Arduo Arto860		[Signature]		2/18/25		1415			
2) Arduo Arto860 / DCS		[Signature]		2/18/25		1654		Victoria L		[Signature]		2/18/25		1654			
3)																	
4)																	
Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:									
SWW = 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 TEMP: 58.1 PH: 7.6 NTU 14.8				Evidence sample handling required? <input type="checkbox"/>									
		Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C						Return Shipping Containers? <input type="checkbox"/>									
		Sample(s) Intact: Y / N / NA Y						Routine <input type="checkbox"/>									
		Custody Seal(s) Intact: Y / N / NA NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X									
		Sample(s) Accepted: Y / N Y						*48-Hr (Rush) <input type="checkbox"/>									

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

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Chain of Custody Record & Sample Information

Page 4 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested													
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	All HCL vials received with headspace. 02/18/25 BG				
Project Lead:		Field Lead:																				
Name: Emily Duncan		Name: Ashley Duong																				
Phone: (213) 576-6679		Phone: 626-430-5360																				
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																				
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes				
1)	2/18/25	0822	Venice City Beach, Venice Pier	SSW	G	P	1	4	X								X		(5X) 1L Plastic HDPE			
2)	2/18/25	0828	Venice City Beach, Venice Pier	SSW	G	G	1	2		X									(2X) 1L Amber Glass			
3)	2/18/25	0824	Venice City Beach, Venice Pier	SSW	G	P	2	1				X							250 mL Plastic HDPE (Nitric)			
4)	2/18/25	0829	Venice City Beach, Venice Pier	SSW	G	P	2, 9	1					X						Filtered 250 mL Plastic HDPE (Nitric)			
5)	2/18/25	0825	Venice City Beach, Venice Pier	SSW	G	P	4	1						X					250 mL Plastic HDPE (Sulfuric)			
6)	2/18/25	0825	Venice City Beach, Venice Pier	SSW	G	G	4	3									X		40mL Amber Vial x3 (Sulfuric)			
7)	2/18/25	0827	Venice City Beach, Venice Pier	SSW	G	G	3	4							X				40mL Amber Vial x4 (HCl)			
8)	2/18/25	0826	Venice City Beach, Venice Pier	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) MARK COMO / DPH		<i>[Signature]</i>		2/18/25	1415	Actura Actura / DPH		<i>[Signature]</i>		2/18/25	1415											
2) Actura Actura / DPH		<i>[Signature]</i>		2/18/25	1654	Victoria L		<i>[Signature]</i>		2/18/25	1654											
3)																						
4)																						
Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:			Laboratory Notes:			Special Instructions:														
SFW = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other	1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other	Total Number of Sample Containers Received: _____ Sample(s) Properly Cooled: Y / N / NA <i>Y</i> Temperature: <i>1</i> °C Sample(s) Intact: Y / N / NA <i>Y</i> Custody Seal(s) Intact: Y / N / NA <i>NA</i> Sample(s) Accepted: Y / N <i>Y</i>			Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby TEMP: 57.9 °F pH: 7.1 NTU: 15.0 T-72			Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Routine <input type="checkbox"/> Turn Around Time: <table border="1"> <tr> <td>*3-5 Day (Rush)</td> <td>X</td> </tr> <tr> <td>*48-Hr (Rush)</td> <td><input type="checkbox"/></td> </tr> </table>											*3-5 Day (Rush)	X	*48-Hr (Rush)	<input type="checkbox"/>
*3-5 Day (Rush)	X																					
*48-Hr (Rush)	<input type="checkbox"/>																					
					Send Results to: emily.duncan@waterboards.ca.gov C5B2404			Distribution: Original copies accompany sample shipment to laboratory; Electronic copy emailed to aguerra@babcocklabs.com & OIMA-Helpdesk@waterboards.ca.gov Rc'd: 02/18/2025 16:59 BXC Autospool														



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Riverside, CA 92507
T: (951) 653-3351

Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 5 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										Notes
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC		
Project Lead:		Project Name: RWB4 Wildfire Response 2025																	
Field Lead:		GeoTracker Global ID:																	
Name: Emily Duncan		Name: Ashley Duong																	
Phone: (213) 576-6679		Phone: 626-430-5360																	
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location																
1)	DPH 103	2/18/25	1112	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	1	4	X						(5X) 1L Plastic HDPE			
2)	DPH 103	2/18/25	1115	Will Rogers State Beach, Temescal Canyon SD	SSW	G	G	1	2		X					(2X) 1L Amber Glass			
3)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	2	1			X				250 mL Plastic HDPE (Nitric)			
4)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	2, 9	1				X			Filtered 250 mL Plastic HDPE (Nitric)			
5)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD	SSW	G	P	4	1				X			250 mL Plastic HDPE (Sulfuric)			
6)	DPH 103	2/18/25	1120	Will Rogers State Beach, Temescal Canyon SD	SSW	G	G	4	3						X	40mL Amber Vial x3 (Sulfuric)			
7)	DPH 103	2/18/25	1122	Will Rogers State Beach, Temescal Canyon SD	SSW	G	G	3	4				X			40mL Amber Vial x4 (HCl)			
8)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD	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) Jason Bual DPH		<i>[Signature]</i>		2/18/25	1340	MARK COMO/DPH		<i>[Signature]</i>		2/18/25	1340								
2) MARK COMO DPH		<i>[Signature]</i>		2/18/25	1415	Arturo Arce/DPH		<i>[Signature]</i>		2/18/25	1415								
3) Arturo Arce/DPH		<i>[Signature]</i>		2/18/25	1654	<i>[Signature]</i>		<i>[Signature]</i>		2/18/25	1654								
4)																			
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:									
SFWS = 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 TUR - 44.3 Temp - 59.5°F PH - 6 Tag #47 T-12				Evidence sample handling required? <input type="checkbox"/>									
		Sample(s) Properly Cooled: Y / N / NA		Temperature: °C						Return Shipping Containers? <input type="checkbox"/>									
		Sample(s) Intact: Y / N / NA								Routine <input type="checkbox"/>									
		Custody Seal(s) Intact: Y / N / NA				Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X									
		Sample(s) Accepted: Y / N								*48-Hr (Rush) <input type="checkbox"/>									

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

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record
& Sample Information

Page 6 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										Notes
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM, PFAS, Total Metals, Ca, Hardness, Dissolved Metals, TP, TN, NH3, VOC suite EPA method 624.1, Asbestos, TOC										
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID: Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																	
Sample ID		Date	Time							Location									
Date		Time	Location																

1)	SMB 2-10	2/18/25	0730	Dockweiler State Beach, Culver Boulevard	SSW	G	P	1	4	X							X		(5X) 1L Plastic HDPE
2)	SMB 2-10	2/18/25	0734	Dockweiler State Beach, Culver Boulevard	SSW	G	G	1	2		X								(2X) 1L Amber Glass
3)	SMB 2-10	2/18/25	0736	Dockweiler State Beach, Culver Boulevard	SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)
4)	SMB 2-10	2/18/25	0740	Dockweiler State Beach, Culver Boulevard	SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)
5)	SMB 2-10	2/18/25	0737	Dockweiler State Beach, Culver Boulevard	SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)
6)	SMB 2-10	2/18/25	0740	Dockweiler State Beach, Culver Boulevard	SSW	G	G	4	3								X		40mL Amber Vial x3 (Sulfuric)
7)	SMB 2-10	2/18/25	0743	Dockweiler State Beach, Culver Boulevard	SSW	G	G	3	4						X				40mL Amber Vial x4 (HCl)
8)	SMB 2-10	2/18/25	0738	Dockweiler State Beach, Culver Boulevard	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) MARK GOMO DPH	[Signature]	2/18/25	1415	Ashley Duong DCS	[Signature]	2/18/25	1415
2) Ashley Duong DCS	[Signature]	2/18/25	1654	Victoria L	[Signature]	2/18/25	1654
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 TEMP: 58.0 °F PH: 7.0 NTU: 6.86		Evidence sample handling required? <input type="checkbox"/>	
		Sample(s) Properly Cooled: Y / N / NA	Y			Return Shipping Containers? <input type="checkbox"/>	
		Temperature: 1 °C					
		Sample(s) Intact: Y / N / NA	Y			Routine <input type="checkbox"/>	
		Custody Seal(s) Intact: Y / N / NA	NA	Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov		Turn Around Time: *3-5 Day (Rush) X	
		Sample(s) Accepted: Y / N	Y			*48-Hr (Rush) <input type="checkbox"/>	

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MARK GOMO, DAN BACANI, EMAY OKOHIEA

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										Notes			
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC					
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID: Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																				
Sample ID		Date																Time		Location		
1)	SMB 1-14	2/18/25	0826	La Costa Beach, Las Flores Creek	SSW	G	P	1	4	X						X		(5X) 1L Plastic HDPE				
2)	SMB 1-14	2/18/25	0826	La Costa Beach, Las Flores Creek	SSW	G	G	1	2		X							(2X) 1L Amber Glass				
3)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)				
4)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)				
5)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)				
6)	SMB 1-14	2/18/25	0824	La Costa Beach, Las Flores Creek	SSW	G	G	4	3								X	40mL Amber Vial x3 (Sulfuric)				
7)	SMB 1-14	2/18/25	0832	La Costa Beach, Las Flores Creek	SSW	G	G	3	4						X			40mL Amber Vial x4 (HCl)				
8)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek	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) JASON BUAN DPH				2/18/25		1340		MARK COMO/DPA				2/18/25		1340								
2) MARK COMO DPH				2/18/25		1415		ANTONIO ANTEGRO/DCS				2/18/25		1415								
3) ANTONIO ANTEGRO/DCS				2/18/25		1654		WATERVA L				2/18/25		1654								
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 TUR - 37 Temp - 57°F pH - 6 Tag # 47 T-72				Evidence sample handling required? <input type="checkbox"/>												
		Sample(s) Properly Cooled: Y / N / NA		Y						Return Shipping Containers? <input type="checkbox"/>												
		Temperature: °C		L																		
		Sample(s) Intact: Y / N / NA		Y						Routine <input type="checkbox"/>												
		Custody Seal(s) Intact: Y / N / NA		NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X												
		Sample(s) Accepted: Y / N		Y						*48-Hr (Rush) <input type="checkbox"/>												

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 8 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Analyses Requested															
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025		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	All HCL vials received with headspace, 02/18/25 BG	
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																	
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																	
Sample ID		Date																	Time
1)	SMB 1-16	2/18/25	0919	Las Tunas Beach, Pena Creek	SSW	G	P	1	4	X									(5X) 1L Plastic HDPE
2)	SMB 1-16	2/18/25	0921	Las Tunas Beach, Pena Creek	SSW	G	G	1	2		X								(2X) 1L Amber Glass
3)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek	SSW	G	P	2	1			X							250 mL Plastic HDPE (Nitric)
4)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek	SSW	G	P	2, 9	1				X						Filtered 250 mL Plastic HDPE (Nitric)
5)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek	SSW	G	P	4	1					X					250 mL Plastic HDPE (Sulfuric)
6)	SMB 1-16	2/18/25	0922	Las Tunas Beach, Pena Creek	SSW	G	G	4	3								X		40mL Amber Vial x3 (Sulfuric)
7)	SMB 1-16	2/18/25	0926	Las Tunas Beach, Pena Creek	SSW	G	G	3	4						X				40mL Amber Vial x4 (HCl)
8)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek	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) Jason Bernal DPH				2/18/25	1340	MARK CONO DPH				2/18/25	1340								
2) MARK CONO DPH				2/18/25	1415	Arturo Arteaga				2/18/25	1415								
3) Arturo Arteaga/BO				2/18/25	1654	Victoria L				2/18/25	1654								
4)																			
Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:						Special Instructions:							
SFW = Surface 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 TUR-21.4 Temp - 57.5°F PH - 6 T-72						Evidence sample handling required? <input type="checkbox"/>							
		Sample(s) Properly Cooled: Y / N / NA		Temperature: 1 °C								Return Shipping Containers? <input type="checkbox"/>							
		Sample(s) Intact: Y / N / NA		Y								Routine <input type="checkbox"/>							
		Custody Seal(s) Intact: Y / N / NA		NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov						Turn Around Time: *3-5 Day (Rush) X							
		Sample(s) Accepted: Y / N		Y								*48-Hr (Rush) <input type="checkbox"/>							

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab, C = Composite, O = Other)	Container Type (P = Plastic, G = Glass, O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested											
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM, PFAS, Total Metals, Ca, Hardness, Dissolved Metals, TP, TN, NH3, VOC suite EPA method 624.1, Asbestos, TOC	All HCL vials received with headspace, 02/18/25 BG										
Project Lead:		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID:																		
Name: Emily Duncan		Name: Ashley Duong																		
Phone: (213) 576-6679		Phone: 626-430-5360																		
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																		
Sample ID	Date	Time	Location																	
1)	SMB 3-4	2/18/25	0930	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	1	4	X						X	(5X) 1L Plastic HDPE			
2)	SMB 3-4	2/18/25	0937	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	1	2		X						(2X) 1L Amber Glass			
3)	SMB 3-4	2/18/25	0935	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2	1			X					250 mL Plastic HDPE (Nitric)			
4)	SMB 3-4	2/18/25	0942	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2, 9	1				X				Filtered 250 mL Plastic HDPE (Nitric)			
5)	SMB 3-4	2/18/25	0936	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	4	1					X			250 mL Plastic HDPE (Sulfuric)			
6)	SMB 3-4	2/18/25	0938	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)			
7)	SMB 3-4	2/18/25	0939	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	3	4						X		40mL Amber Vial x4 (HCl)			
8)	SMB 3-4	2/18/25	0933	Santa Monica State Beach, Pico-Kenter SD	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) MARK LONG/DPH		<i>[Signature]</i>		2/18/25		1415		Arturo Arteaga		<i>[Signature]</i>		2/18/25		1415						
2) Arturo Arteaga		<i>[Signature]</i>		2/18/25		1654		Victoria L		<i>[Signature]</i>		2/18/25		1654						
3)																				
4)																				
Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:												
SEW = 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 TEMP: 57.8°F PH: 7.6 NTU: 21.8				Evidence sample handling required? <input type="checkbox"/>												
		Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C						Return Shipping Containers? <input type="checkbox"/>												
		Sample(s) Intact: Y / N / NA						Routine <input type="checkbox"/>												
		Custody Seal(s) Intact: Y / N / NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X												
		Sample(s) Accepted: Y / N						*48-Hr (Rush) <input type="checkbox"/>												

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										Notes
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC		
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																	
Project Lead:		Field Lead:																	
Name: Emily Duncan		Name: Ashley Duong																	
Phone: (213) 576-6679		Phone: 626-430-5360																	
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location																
1)	SMB 1-18	2/18/25	0947	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	1	4	X					X	(5X) 1L Plastic HDPE			
2)	SMB 1-18	2/18/25	0953	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	1	2		X					(2X) 1L Amber Glass			
3)	SMB 1-18	2/18/25	0951	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2	1			X				250 mL Plastic HDPE (Nitric)			
4)	SMB 1-18	2/18/25	0951	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2, 9	1				X			Filtered 250 mL Plastic HDPE (Nitric)			
5)	SMB 1-18	2/18/25	0951	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	4	1				X			250 mL Plastic HDPE (Sulfuric)			
6)	SMB 1-18	2/18/25	0956	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	4	3						X	40mL Amber Vial x3 (Sulfuric)			
7)	SMB 1-18	2/18/25	0957	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	3	4				X			40mL Amber Vial x4 (HCl)			
8)	SMB 1-18	2/18/25	0951	Topanga County Beach, Topanga Canyon Lagoon	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) Jason Buari DPH				2/18/25		1340		MARK CONTO DPH				2/18/25		1340					
2) MARK CONTO DPH				2/18/25		1415		Arturo Arteaga				2/18/25		1415					
3) Arturo Arteaga DCS				2/18/25		1654		Victoria L				2/18/25		1654					
4)																			
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:									
SFWS = 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 TUR - 37.6 Temp - 58°F PH - 6 T-72				Evidence sample handling required? <input type="checkbox"/>									
		Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C		Sample(s) Intact: Y / N / NA Y						Return Shipping Containers? <input type="checkbox"/>									
		Custody Seal(s) Intact: Y / N / NA NA		Sample(s) Accepted: Y / N Y		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: Routine <input type="checkbox"/> *3-5 Day (Rush) X *48-Hr (Rush) <input type="checkbox"/>									

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

JASON BUARI MARKA EM PETER HARBIS

C5B2404

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Autospool



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BABCOCK LABORATORIES

6100 Quail Valley Court
Riverside, CA 92507
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Non-SWAMP/CEDEN Projects

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

Chain of Custody Record & Sample Information

Page 11 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										Notes
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	All HCL vials received with headspace, 02/18/25 BG		
Project Lead:		Field Lead:																	
Name: Emily Duncan		Name: Ashley Duong																	
Phone: (213) 576-6679		Phone: 626-430-5360																	
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes		
1)	SMB 2-4	2/18/25	1048	Will Rogers State Beach, Pulga SD	SSW	G	P	1	4	X						X		(5X) 1L Plastic HDPE	
2)	SMB 2-4	2/18/25	1050	Will Rogers State Beach, Pulga SD	SSW	G	G	1	2		X							(2X) 1L Amber Glass	
3)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)	
4)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)	
5)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)	
6)	SMB 2-4	2/18/25	1055	Will Rogers State Beach, Pulga SD	SSW	G	G	4	3							X		40mL Amber Vial x3 (Sulfuric)	
7)	SMB 2-4	2/18/25	1058	Will Rogers State Beach, Pulga SD	SSW	G	G	3	4					X				40mL Amber Vial x4 (HCL)	
8)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	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) Jason Buad DPH				2/18/25		1340		MARK COMO/DPH				2/18/25		1340					
2) MARK COMO DPH				2/18/25		1415		ARON ARTO862				2/18/25		1415					
3) Aron Arto862/DCS				2/18/25		1654		Victoria L				2/18/25		1654					
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 TUR-47.8 Temp - 58.2°F pH - 5.5 T-72				Evidence sample handling required? <input type="checkbox"/>									
		Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C		Sample(s) Intact: Y / N / NA						Return Shipping Containers? <input type="checkbox"/>									
		Custody Seal(s) Intact: Y / N / NA		NA						Routine <input type="checkbox"/>									
		Sample(s) Accepted: Y / N		Y		Send Results to: emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X									
										*48-Hr (Rush) <input type="checkbox"/>									

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

JASON BUAD MARK COMO PETER HABIB

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Chain of Custody Record & Sample Information

Page 12 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Analyses Requested										All HCL vials received with headspace, 02/18/25 BG				
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																
Project Lead:		Field Lead:																
Name: Emily Duncan		Name: Ashley Duong																
Phone: (213) 576-6679		Phone: 626-430-5360																
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location															
1)	SMP 2-7	2/18/25	1037	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	1	4	X							X	(5X) 1L Plastic HDPE
2)	SMP 2-7	2/18/25	1042	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	1	2		X							(2X) 1L Amber Glass
3)	SMP 2-7	2/18/25	1041	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)
4)	SMP 2-7	2/18/25	1046	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)
5)	SMP 2-7	2/18/25	1040	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)
6)	SMP 2-7	2/18/25	1039	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	4	3								X	40mL Amber Vial x3 (Sulfuric)
7)	SMP 2-7	2/18/25	1042	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	3	4						X			40mL Amber Vial x4 (HCl)
8)	SMP 2-7	2/18/25	1039	Will Rogers State Beach, Santa Monica Canyon SD	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) Mark Condo/DPH		<i>[Signature]</i>		2/18/25	1415	Arturo Arlaog/ACS		<i>[Signature]</i>		2/18/25	1415							
2) Arturo Arlaog/ACS		<i>[Signature]</i>		2/18/25	1654	Victor Ocal		<i>[Signature]</i>		2/18/25	1654							
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		Y		TEMP: 59.0 °F												
		Temperature:		1 °C		PH: 7.6			Return Shipping Containers?									
		Sample(s) Intact: Y / N / NA		Y		NTU: 33.6												
		Custody Seal(s) Intact: Y / N / NA		NA														
Sample(s) Accepted: Y / N		Y					Send Results to: emily.duncan@waterboards.ca.gov			Turn Around Time:								
										Routine <input type="checkbox"/> *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>								

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

MARK CONDO, DAN BLEANI, EMY OKOHIRA

C5B2404

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Autospool



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Client Name: State Water Resources Control Board - Region
Contact: John Salguero
Address: 320 West Fourth Street, Suite 200
Los Angeles, CA 90013

Analytical Report: Page 1 of 4
Project Name: Autospool-RWB4_WildFireResponse_2025
Project Number: RWB4 Wildfire Response 2025

Report Date: 03-Mar-2025

Work Order Number: C5B2426

Received on Ice (Y/N): Yes Temp: 1 °C

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

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

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
C5B2426-01	DPH 001	Liquid	2/18/25 8:54	Ashley Duong	2/18/25 16:54	Client
C5B2426-02	DPH 105B	Liquid	2/18/25 10:06	Ashley Duong	2/18/25 16:54	Client
C5B2426-03	DPH 107B	Liquid	2/18/25 8:55	Ashley Duong	2/18/25 16:54	Client
C5B2426-04	DPH 108	Liquid	2/18/25 8:22	Ashley Duong	2/18/25 16:54	Client
C5B2426-05	DPH 103	Liquid	2/18/25 11:12	Ashley Duong	2/18/25 16:54	Client
C5B2426-06	SMB 2-10	Liquid	2/18/25 7:30	Ashley Duong	2/18/25 16:54	Client
C5B2426-07	SMB 1-14	Liquid	2/18/25 8:26	Ashley Duong	2/18/25 16:54	Client
C5B2426-08	SMB 1-16	Liquid	2/18/25 9:19	Ashley Duong	2/18/25 16:54	Client
C5B2426-09	SMB 3-4	Liquid	2/18/25 9:30	Ashley Duong	2/18/25 16:54	Client
C5B2426-10	SMB 1-18	Liquid	2/18/25 9:47	Ashley Duong	2/18/25 16:54	Client
C5B2426-11	SMB 2-4	Liquid	2/18/25 10:48	Ashley Duong	2/18/25 16:54	Client
C5B2426-12	SMP 2-7	Liquid	2/18/25 10:37	Ashley Duong	2/18/25 16:54	Client

Note: Asbestos was subcontracted to EMSL/LA Testing.



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Client Name: State Water Resources Control Board - Region
Contact: John Salguero
Address: 320 West Fourth Street, Suite 200
Los Angeles, CA 90013

Analytical Report: Page 2 of 4
Project Name: Autospool-RWB4_WildFireResponse_2025
Project Number: RWB4 Wildfire Response 2025

Report Date: 03-Mar-2025

Work Order Number: C5B2426

Received on Ice (Y/N): Yes Temp: 1 °C

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted.

Sydney Y Mun For Alexandria L. Guerra

cc:

E-CASE NARRATIVE+ COC - WITH WO DOCS - NO SAMPLE INFO.RPT

This report applies only to the sample(s) analyzed. As a mutual protection to clients, the public, and Babcock Laboratories, Inc., this report is submitted and accepted for the exclusive use of the Client to whom it is addressed. Interpretation and use of the information contained within this report are the sole responsibility of the Client. Babcock Laboratories, Inc. is not responsible for any misinformation or consequences that may result from misinterpretation or improper use of this report. This report is not to be modified or abbreviated in any way. Additionally, this report is not to be used, in whole or in part, in any advertising or publicity matter without written authorization from Babcock Laboratories, Inc. The liability of Babcock Laboratories, Inc. is limited to the actual cost of the requested analyses, unless otherwise agreed upon in writing. There is no other warranty expressed or implied.

Page 2 of 4

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CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																
Project Lead:		Field Lead:																
Sample ID	Date	Time	Location															
1)	DPH 001	2/18/25	0854	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	1	5	X							(5X) 1L Plastic HDPE	
2)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	G	1	2		X						(2X) 1L Amber Glass	
3)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	2	1			X					250 mL Plastic HDPE (Nitric)	
4)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	2, 9	1				X				Filtered 250 mL Plastic HDPE (Nitric)	
5)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	P	4	1					X			250 mL Plastic HDPE (Sulfuric)	
6)	DPH 001	2/18/25	0856	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	G	4	3							X	40mL Amber Vial x3 (Sulfuric)	
7)	DPH 001	2/18/25	0901	Big Rock Beach, Piedra Gorda Canyon SD	SSW	G	G	3	4					X			40mL Amber Vial x4 (HCl)	
8)	DPH 001	2/18/25	0858	Big Rock Beach, Piedra Gorda Canyon SD	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) JASON BUAL DPH		[Signature]		2/18/25		1340		MARK COMO / DPH		[Signature]		2/18/25		1340				
2) MARK COMO DPH		[Signature]		2/18/25		1415		ARURO ARURO		[Signature]		2/18/25		1415				
3) ARURO ARURO / DPH		[Signature]		2/18/25		1659		VICTORIA L		[Signature]		2/18/25		1654				
4)																		
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:								
SF = 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 TUR-18.7 Temp-57.9°F PH-6.5				Evidence sample handling required?								
		Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C						Return Shipping Containers?										
		Sample(s) Intact: Y / N / NA						Routine										
		Custody Seal(s) Intact: Y / N / NA		NA				Turn Around Time:										
		Sample(s) Accepted: Y / N		Y				*3-5 Day (Rush) X										
								*48-Hr (Rush)										

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JASON BUAL MARKA EM PETER HABIB

C5B2426

Rc'd: 02/18/2025 16:54

JLH

Subcontract



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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested														
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Name: RWB4 Wildfire Response 2025				GeoTracker Global ID:																		
Project Lead:				Field Lead:																		
Name: Emily Duncan				Name: Ashley Duong																		
Phone: (213) 576-6679				Phone: 626-430-5360																		
Email: emily.duncan@waterboards.ca.gov				Email: ashduong@ph.lacounty.gov																		
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes				
1)	2/18/25	1006	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	1	4	X							X		(5X) 1L Plastic HDPE				
2)	2/18/25	1012	Santa Monica State Beach, 50 yds east of SD	SSW	G	G	1	2		X								(2X) 1L Amber Glass				
3)	2/18/25	1010	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)				
4)	2/18/25	1015	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)				
5)	2/18/25	1011	Santa Monica State Beach, 50 yds east of SD	SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)				
6)	2/18/25	1008	Santa Monica State Beach, 50 yds east of SD	SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)				
7)	2/18/25	1011	Santa Monica State Beach, 50 yds east of SD	SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)				
8)	2/18/25	1008	Santa Monica State Beach, 50 yds east of SD	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) MARK COMO / DPH		<i>[Signature]</i>		2/18/25		1415		Arturo Arce Obregon		<i>[Signature]</i>		2/18/25		1415								
2) Arturo Arce Obregon / DS		<i>[Signature]</i>		2/18/25		1654		Victor Juarez		<i>[Signature]</i>		2/18/25		1654								
3)																						
4)																						
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:				Laboratory Notes:				Special Instructions:										
SPW = 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				TEMP: 58.3 PH: 7.8 NTU: 26.3				Return Shipping Containers?										
				Sample(s) Intact: Y / N / NA								Routine										
				Custody Seal(s) Intact: Y / N / NA				Send Results to: OIMA-Helpdesk@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush)										
				Sample(s) Accepted: Y / N								*48-Hr (Rush)										

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Chain of Custody Record & Sample Information

Page 3 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Analyses Requested													
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025		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
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:															
Project Lead:		Field Lead:															
Name: Emily Duncan		Name: Ashley Duong															
Phone: (213) 576-6679		Phone: 626-430-5360															
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov															
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
1)	2/18/25	0855	Venice City Beach, 50 yds south of SD	SSW	G	P	1	4	X						X		(5X) 1L Plastic HDPE
2)	2/18/25	0901	Venice City Beach, 50 yds south of SD	SSW	G	G	1	2		X							(2X) 1L Amber Glass
3)	2/18/25	0858	Venice City Beach, 50 yds south of SD	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)
4)	2/18/25	0905	Venice City Beach, 50 yds south of SD	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)
5)	2/18/25	0859	Venice City Beach, 50 yds south of SD	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)
6)	2/18/25	0907	Venice City Beach, 50 yds south of SD	SSW	G	G	4	3								X	40mL Amber Vial x3 (Sulfuric)
7)	2/18/25	0900	Venice City Beach, 50 yds south of SD	SSW	G	G	3	4						X			40mL Amber Vial x4 (HCl)
8)	2/18/25	0857	Venice City Beach, 50 yds south of SD	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) Mark Como / DPH		[Signature]		2/18/25		1415		Arduo Arto860		[Signature]		2/18/25		1415			
2) Arduo Arto860 / DCS		[Signature]		2/18/25		1654		Victoria L		[Signature]		2/18/25		1654			
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 TEMP: 58.1 PH: 7.6 NTU 14.8				Evidence sample handling required? <input type="checkbox"/>									
		Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C						Return Shipping Containers? <input type="checkbox"/>									
		Sample(s) Intact: Y / N / NA						Routine <input type="checkbox"/>									
		Custody Seal(s) Intact: Y / N / NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/>									
		Sample(s) Accepted: Y / N						*48-Hr (Rush) <input type="checkbox"/>									

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 4 of 12

Sample Collection Agency: Los Angeles RWQCB				Agreement No.: 22-005-270				Analyses Requested											
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013				Project Code: RWB4_WildFireResponse_2025				<div style="display: flex; justify-content: space-between;"> <div> 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 </div> <div> 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 </div> </div>											
Project Name: RWB4 Wildfire Response 2025				GeoTracker Global ID:															
Project Lead:				Field Lead:															
Name: Emily Duncan				Name: Ashley Duong															
Phone: (213) 576-6679				Phone: 626-430-5360															
Email: emily.duncan@waterboards.ca.gov				Email: ashduong@ph.lacounty.gov															
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes	
1)	2/18/25	0822	Venice City Beach, Venice Pier	SSW	G	P	1	4	X							X		(5X) 1L Plastic HDPE	
2)	2/18/25	0828	Venice City Beach, Venice Pier	SSW	G	G	1	2		X								(2X) 1L Amber Glass	
3)	2/18/25	0824	Venice City Beach, Venice Pier	SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)	
4)	2/18/25	0829	Venice City Beach, Venice Pier	SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)	
5)	2/18/25	0825	Venice City Beach, Venice Pier	SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)	
6)	2/18/25	0825	Venice City Beach, Venice Pier	SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)	
7)	2/18/25	0827	Venice City Beach, Venice Pier	SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)	
8)	2/18/25	0826	Venice City Beach, Venice Pier	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) MARK COMO / DPH				2/18/25		1415		Actura Actura / DPH				2/18/25		1415					
2) Actura Actura / DPH				2/18/25		1654		Victoria L				2/18/25		1654					
3)																			
4)																			
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:				Laboratory Notes:				Special Instructions:							
SFWS = Surface Fresh Water; SSW = Surface Salt Water; DW = Drinking Water; GW = Groundwater; SW = Stormwater; WW = Wastewater; OL = Other Liquids; SO = Soil / Sediment; SL = Sludge / Slurry; OS = Other Solids; O = Other		1. Cool, ≤ 6 °C 2. HNO3 3. HCl 4. H2SO4 5. Na2S2O3 6. NaOH 7. NaOH/ZnAcetate 8. NH4Cl 9. Filtered 10. Freeze, ≤ -10 °C 11. None required 12. Other		Total Number of Sample Containers Received: Sample(s) Properly Cooled: Y / N / NA Temperature: <u>1</u> °C Sample(s) Intact: Y / N / NA Custody Seal(s) Intact: Y / N / NA Sample(s) Accepted: Y / N				Babcock - Can you analyze PFOS/PFOA if possible - Russ Colby TEMP: 57.9 °F pH: 7.1 NTU: 15.0 Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Evidence sample handling required? <input type="checkbox"/> Return Shipping Containers? <input type="checkbox"/> Turn Around Time: *3-5 Day (Rush) <input checked="" type="checkbox"/> *48-Hr (Rush) <input type="checkbox"/>							

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location															
1)	DPH 103	2/18/25	1112															
2)	DPH 103	2/18/25	1115	Will Rogers State Beach, Temescal Canyon SD														
3)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD														
4)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD														
5)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD														
6)	DPH 103	2/18/25	1120	Will Rogers State Beach, Temescal Canyon SD														
7)	DPH 103	2/18/25	1122	Will Rogers State Beach, Temescal Canyon SD														
8)	DPH 103	2/18/25	1117	Will Rogers State Beach, Temescal Canyon SD														
9)																		
10)																		
Samples Relinquished By:				Samples Received By:														
Name (Print) and Agency		Signature		Date	Time	Name (Print) and Agency		Signature		Date	Time							
1) Jason Bual DPH				2/18/25	1340	MARK COMO/DPH				2/18/25	1340							
2) MARK COMO DPH				2/18/25	1415	Arturo Arce/DPH				2/18/25	1415							
3) Arturo Arce/DPH				2/18/25	1654					2/18/25	1654							
4)																		
Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:			Laboratory Notes:			Special Instructions:										
SWF = 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 TUR-44.3 Temp-59.5°F PH-6 Tag#47 T-12			Evidence sample handling required? <input type="checkbox"/>										
		Sample(s) Properly Cooled: Y / N / NA	Y					Return Shipping Containers? <input type="checkbox"/>										
		Sample(s) Intact: Y / N / NA	Y					Routine <input type="checkbox"/>										
		Custody Seal(s) Intact: Y / N / NA	NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov			Turn Around Time: *3-5 Day (Rush) X										
		Sample(s) Accepted: Y / N	Y					*48-Hr (Rush) <input type="checkbox"/>										

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID: Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location															
1)	SMB 2-10	2/18/25	0730															
2)	SMB 2-10	2/18/25	0734	Dockweiler State Beach, Culver Boulevard														
3)	SMB 2-10	2/18/25	0736	Dockweiler State Beach, Culver Boulevard														
4)	SMB 2-10	2/18/25	0740	Dockweiler State Beach, Culver Boulevard														
5)	SMB 2-10	2/18/25	0737	Dockweiler State Beach, Culver Boulevard														
6)	SMB 2-10	2/18/25	0740	Dockweiler State Beach, Culver Boulevard														
7)	SMB 2-10	2/18/25	0743	Dockweiler State Beach, Culver Boulevard														
8)	SMB 2-10	2/18/25	0738	Dockweiler State Beach, Culver Boulevard														
9)																		
10)																		
Samples Relinquished By:				Samples Received By:														
Name (Print) and Agency		Signature		Date	Time	Name (Print) and Agency		Signature		Date	Time							
1) MARK GOMO DPH		[Signature]		2/18/25	1415	Ashley Duong DCS		[Signature]		2/18/25	1415							
2) Ashley Duong DCS		[Signature]		2/18/25	1654	Victoria L		[Signature]		2/18/25	1654							
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 TEMP: 58.0 °F PH: 7.0 NTU: 6.86			Evidence sample handling required? <input type="checkbox"/>										
		Sample(s) Properly Cooled: Y / N / NA	Y					Return Shipping Containers? <input type="checkbox"/>										
		Sample(s) Intact: Y / N / NA	Y					Routine <input type="checkbox"/>										
		Custody Seal(s) Intact: Y / N / NA	NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov			Turn Around Time: *3-5 Day (Rush) X										
		Sample(s) Accepted: Y / N	Y					*48-Hr (Rush) <input type="checkbox"/>										

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location															
1)	SMB 1-14	2/18/25	0826															
2)	SMB 1-14	2/18/25	0826	La Costa Beach, Las Flores Creek														
3)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek														
4)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek														
5)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek														
6)	SMB 1-14	2/18/25	0824	La Costa Beach, Las Flores Creek														
7)	SMB 1-14	2/18/25	0832	La Costa Beach, Las Flores Creek														
8)	SMB 1-14	2/18/25	0830	La Costa Beach, Las Flores Creek														
9)																		
10)																		
Samples Relinquished By:				Samples Received By:														
Name (Print) and Agency		Signature		Date	Time	Name (Print) and Agency		Signature		Date	Time							
1) JASON BUAN DPH				2/18/25	1340	MARK COMO/DPA				2/18/25	1340							
2) MARK COMO DPH				2/18/25	1415	ANTONIO ANTEJO/DCS				2/18/25	1415							
3) ANTONIO ANTEJO/DCS				2/18/25	1654	WATERVA L				2/18/25	1654							
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 TUR - 37 Temp - 57°F pH - 6 Tag # 47 T-72				Evidence sample handling required? <input type="checkbox"/>								
		Sample(s) Properly Cooled: Y / N / NA		Temperature: 1 °C						Return Shipping Containers? <input type="checkbox"/>								
		Sample(s) Intact: Y / N / NA		Y						Routine <input type="checkbox"/>								
		Custody Seal(s) Intact: Y / N / NA		NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X								
		Sample(s) Accepted: Y / N		Y						*48-Hr (Rush) <input type="checkbox"/>								

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

JASON BUAN MARK COMO PETER HABIB

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 8 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID: Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location															
1)	SMB 1-16	2/18/25	0919															
2)	SMB 1-16	2/18/25	0921	Las Tunas Beach, Pena Creek														
3)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek														
4)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek														
5)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek														
6)	SMB 1-16	2/18/25	0922	Las Tunas Beach, Pena Creek														
7)	SMB 1-16	2/18/25	0926	Las Tunas Beach, Pena Creek														
8)	SMB 1-16	2/18/25	0923	Las Tunas Beach, Pena Creek														
9)																		
10)																		
Samples Relinquished By:				Samples Received By:														
Name (Print) and Agency		Signature		Date	Time	Name (Print) and Agency		Signature		Date	Time							
1) Jason Bernal DPH				2/18/25	1340	MARK CONO DPH				2/18/25	1340							
2) MARK CONO DPH				2/18/25	1415	Arturo Arteaga				2/18/25	1415							
3) Arturo Arteaga/BO				2/18/25	1654	Victoria L				2/18/25	1654							
4)																		
Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:			Laboratory Notes:			Special Instructions:										
SFW = Surface 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 TUR-21.4 Temp - 57.5°F PH - 6			Evidence sample handling required? <input type="checkbox"/>										
		Sample(s) Properly Cooled: Y / N / NA	Y					Return Shipping Containers? <input type="checkbox"/>										
		Temperature: L °C																
		Sample(s) Intact: Y / N / NA	Y					Routine <input type="checkbox"/>										
		Custody Seal(s) Intact: Y / N / NA	NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov			Turn Around Time: *3-5 Day (Rush) X										
		Sample(s) Accepted: Y / N	Y					*48-Hr (Rush) <input type="checkbox"/>										

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Jason Bernal Mark Cono Arturo Arteaga

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 9 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Analyses Requested														
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025		Sample Matrix (See Codes Below)	Sample Type (G = Grab, C = Composite, O = Other)	Container Type (P = Plastic, G = Glass, O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes	
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																
Project Lead:		Field Lead:																
Name: Emily Duncan		Name: Ashley Duong																
Phone: (213) 576-6679		Phone: 626-430-5360																
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N, 8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes	
1)	SMB 3-4	2/18/25	0930	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	1	4	X						X		(5X) 1L Plastic HDPE
2)	SMB 3-4	2/18/25	0937	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	1	2		X							(2X) 1L Amber Glass
3)	SMB 3-4	2/18/25	0935	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)
4)	SMB 3-4	2/18/25	0942	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)
5)	SMB 3-4	2/18/25	0936	Santa Monica State Beach, Pico-Kenter SD	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)
6)	SMB 3-4	2/18/25	0938	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	4	3							X		40mL Amber Vial x3 (Sulfuric)
7)	SMB 3-4	2/18/25	0939	Santa Monica State Beach, Pico-Kenter SD	SSW	G	G	3	4					X				40mL Amber Vial x4 (HCl)
8)	SMB 3-4	2/18/25	0933	Santa Monica State Beach, Pico-Kenter SD	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) MARK LONG/DPH		<i>[Signature]</i>		2/18/25		1415		Arturo Arteaga		<i>[Signature]</i>		2/18/25		1415				
2) Arturo Arteaga		<i>[Signature]</i>		2/18/25		1654		Victoria L		<i>[Signature]</i>		2/18/25		1654				
3)																		
4)																		
Sample Matrix		Preservation Codes		Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:								
SEW = 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 TEMP: 57.8°F PH: 7.6 NTU: 21.8				Evidence sample handling required? <input type="checkbox"/>								
				Sample(s) Properly Cooled: Y / N / NA Temperature: 1 °C						Return Shipping Containers? <input type="checkbox"/>								
				Sample(s) Intact: Y / N / NA						Routine <input type="checkbox"/>								
				Custody Seal(s) Intact: Y / N / NA		Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X								
				Sample(s) Accepted: Y / N						*48-Hr (Rush) <input type="checkbox"/>								

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MARK LONG, DON BACANI, EAT OKOHIRA

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 10 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Analyses Requested														
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																
Project Lead:		Field Lead:																
Name: Emily Duncan		Name: Ashley Duong																
Phone: (213) 576-6679		Phone: 626-430-5360																
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																
Sample ID	Date	Time	Location															
1)	SMB 1-18	2/18/25 0947	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	1	4	X								X	(5X) 1L Plastic HDPE
2)	SMB 1-18	2/18/25 0953	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	1	2		X								(2X) 1L Amber Glass
3)	SMB 1-18	2/18/25 0951	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2	1				X						250 mL Plastic HDPE (Nitric)
4)	SMB 1-18	2/18/25 0951	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	2, 9	1					X					Filtered 250 mL Plastic HDPE (Nitric)
5)	SMB 1-18	2/18/25 0951	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	P	4	1						X				250 mL Plastic HDPE (Sulfuric)
6)	SMB 1-18	2/18/25 0956	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	4	3									X	40mL Amber Vial x3 (Sulfuric)
7)	SMB 1-18	2/18/25 0957	Topanga County Beach, Topanga Canyon Lagoon	SSW	G	G	3	4							X			40mL Amber Vial x4 (HCl)
8)	SMB 1-18	2/18/25 0951	Topanga County Beach, Topanga Canyon Lagoon	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) Jason Buari DPH				2/18/25		1340		MARK CONTO DPH				2/18/25		1340				
2) MARK CONTO DPH				2/18/25		1415		Arturo Arteaga				2/18/25		1415				
3) Arturo Arteaga DCS				2/18/25		1654		Victoria L				2/18/25		1654				
4)																		
Sample Matrix	Preservation Codes	Sample Receipt - Completed by Laboratory personnel:		Laboratory Notes:				Special Instructions:										
SWF = 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 TUR - 37.6 Temp - 58°F PH - 6 T-72				Evidence sample handling required? <input type="checkbox"/>										
		Sample(s) Properly Cooled: Y / N / NA	Y					Return Shipping Containers? <input type="checkbox"/>										
		Temperature: 1 °C																
		Sample(s) Intact: Y / N / NA	Y					Routine <input type="checkbox"/>										
		Custody Seal(s) Intact: Y / N / NA	NA	Send Results to: OIMA-Helpdesk@waterboards.ca.gov emily.duncan@waterboards.ca.gov				Turn Around Time: *3-5 Day (Rush) X										
		Sample(s) Accepted: Y / N	Y					*48-Hr (Rush) <input type="checkbox"/>										

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JASON BUARI MARK CONTO PETER HARRIS

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Non-SWAMP/CEDEN Projects

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Chain of Custody Record & Sample Information

Page 11 of 12

Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested									
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes
Project Lead: Name: Emily Duncan Phone: (213) 576-6679 Email: emily.duncan@waterboards.ca.gov		Field Lead: Name: Ashley Duong Phone: 626-430-5360 Email: ashduong@ph.lacounty.gov																
Project Name: RWB4 Wildfire Response 2025		GeoTracker Global ID:																
Project Lead:		Field Lead:																
Sample ID	Date	Time	Location															
1)	SMB 2-4	2/18/25	1048	Will Rogers State Beach, Pulga SD	SSW	G	P	1	4	X					(SX) 1L Plastic HDPE			
2)	SMB 2-4	2/18/25	1050	Will Rogers State Beach, Pulga SD	SSW	G	G	1	2		X				(2X) 1L Amber Glass			
3)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	SSW	G	P	2	1			X			250 mL Plastic HDPE (Nitric)			
4)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	SSW	G	P	2, 9	1				X		Filtered 250 mL Plastic HDPE (Nitric)			
5)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	SSW	G	P	4	1					X	250 mL Plastic HDPE (Sulfuric)			
6)	SMB 2-4	2/18/25	1055	Will Rogers State Beach, Pulga SD	SSW	G	G	4	3						X	40mL Amber Vial x3 (Sulfuric)		
7)	SMB 2-4	2/18/25	1058	Will Rogers State Beach, Pulga SD	SSW	G	G	3	4					X	40mL Amber Vial x4 (HCl)			
8)	SMB 2-4	2/18/25	1053	Will Rogers State Beach, Pulga SD	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) Jason Buad DPH				2/18/25	1340	MARK COMO/DPH				2/18/25	1340							
2) MARK COMO DPH				2/18/25	1415	Ardoro Arto862				2/18/25	1415							
3) Ardoro Arto862/DCS				2/18/25	1654	Victoria L				2/18/25	1654							
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? <input type="checkbox"/>										
		Sample(s) Properly Cooled: Y / N / NA	Y		TUR - 47.8			Return Shipping Containers? <input type="checkbox"/>										
		Temperature: °C	1		Temp - 58.2°F													
		Sample(s) Intact: Y / N / NA	Y		pH - 5.5													
		Custody Seal(s) Intact: Y / N / NA	NA															
		Sample(s) Accepted: Y / N	Y		Send Results to: emily.duncan@waterboards.ca.gov			Turn Around Time: *3-5 Day (Rush) X										
								*48-Hr (Rush) <input type="checkbox"/>										

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Chain of Custody Record & Sample Information

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Sample Collection Agency: Los Angeles RWQCB		Agreement No.: 22-005-270		Sample Matrix (See Codes Below)	Sample Type (G = Grab; C = Composite; O = Other)	Container Type (P = Plastic; G = Glass; O = Other)	Preservation Code (See Codes Below)	# of Containers	Analyses Requested										
Sample Collection Agency Address: 320 W. 4th Street, Los Angeles, CA 90013		Project Code: RWB4_WildFireResponse_2025							SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes	
Project Lead:		Project Name: RWB4 Wildfire Response 2025 GeoTracker Global ID:																	
Name: Emily Duncan		Name: Ashley Duong																	
Phone: (213) 576-6679		Phone: 626-430-5360																	
Email: emily.duncan@waterboards.ca.gov		Email: ashduong@ph.lacounty.gov																	
Sample ID	Date	Time	Location	Sample Matrix	Sample Type	Container Type	Preservation Code	# of Containers	SS, TSS, TDS, Alk, SO4, OP, NO3N, NO3N+NO2N,	8270 PAH SIM	PFAS	Total Metals, Ca, Hardness	Dissolved Metals	TP, TN, NH3	VOC suite EPA method 624.1	Asbestos	TOC	Notes	
1)	SMP 2-7	2/18/25	1037	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	1	4	X						X		(5X) 1L Plastic HDPE	
2)	SMP 2-7	2/18/25	1042	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	1	2		X							(2X) 1L Amber Glass	
3)	SMP 2-7	2/18/25	1041	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2	1			X						250 mL Plastic HDPE (Nitric)	
4)	SMP 2-7	2/18/25	1046	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	2, 9	1				X					Filtered 250 mL Plastic HDPE (Nitric)	
5)	SMP 2-7	2/18/25	1040	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	P	4	1					X				250 mL Plastic HDPE (Sulfuric)	
6)	SMP 2-7	2/18/25	1039	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	4	3								X	40mL Amber Vial x3 (Sulfuric)	
7)	SMP 2-7	2/18/25	1042	Will Rogers State Beach, Santa Monica Canyon SD	SSW	G	G	3	4						X			40mL Amber Vial x4 (HCl)	
8)	SMP 2-7	2/18/25	1039	Will Rogers State Beach, Santa Monica Canyon SD	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) Mark Corao / DPH		<i>[Signature]</i>		2/18/25	1415	Arturo Arlaog / ACS		<i>[Signature]</i>		2/18/25	1415								
2) Arturo Arlaog / ACS		<i>[Signature]</i>		2/18/25	1654	Victor Oval		<i>[Signature]</i>		2/18/25	1654								
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?					<input type="checkbox"/>					
		Sample(s) Properly Cooled: Y / N / NA		Y		TEMP: 59.0 °F			Return Shipping Containers?					<input type="checkbox"/>					
		Temperature:		1 °C		PH: 7.6			Turn Around Time: *3-5 Day (Rush) X *48-Hr (Rush) <input type="checkbox"/>										
		Sample(s) Intact: Y / N / NA		Y		NTU: 33.6													
		Custody Seal(s) Intact: Y / N / NA		NA		Send Results to: emily.duncan@waterboards.ca.gov													
Sample(s) Accepted: Y / N		Y																	

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

MARK CORAO, DAN BACANI, EMY OKOHIRA

C5B2426

Rc'd: 02/18/2025 16:54

JLH

Subcontract

v5.2.SWAMP IQ_2022.06.30



LA Testing

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LA Testing Order ID: 322503365
Customer ID: ESBA50
Customer PO: C5B2426
Project ID:

Attn: Alexandria Guerra
Babcock Laboratories
PO Box 432
Riverside, CA 92502

Phone: (951) 653-3351
Fax: (951) 653-1662
Received: 02/20/2025
Analyzed: 03/01/2025

Proj: C5B2426

Test Report: Determination of Asbestos Structures $\geq 0.5 \mu\text{m}$ & $> 10\mu\text{m}$ in Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits	
					MFL (million fibers per liter)					
C5B2426-01 322503365-0001	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00
Collection Date/Time: 02/18/2025 08:54 AM										
Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.										
C5B2426-02 322503365-0002	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00

Collection Date/Time: 02/18/2025 10:06 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)

Sherrie Ahmad (12)

Feng Liang, Laboratory Manager
or Other Approved Signatory

Any questions please contact Feng Liang.

Initial report from: 03/03/2025 08:50:49

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Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283



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Analyzed: 03/01/2025

Proj: C5B2426

Test Report: Determination of Asbestos Structures $\geq 0.5 \mu\text{m}$ & $> 10\mu\text{m}$ in Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits	
					MFL (million fibers per liter)					
C5B2426-03 322503365-0003	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00

Collection Date/Time: 02/18/2025 08:55 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr
method hold time.

C5B2426-04 322503365-0004	2/21/2025 08:35 AM	1	1288	0.2580	$\geq 0.5 \mu\text{m}$	None Detected	ND	5.00	<5.00 0.00 - 18.00
					$> 10 \mu\text{m}$ only	None Detected	ND	5.00	<5.00 0.00 - 18.00

Collection Date/Time: 02/18/2025 08:22 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr
method hold time.

Analyst(s)

Sherrie Ahmad

(12)

Feng Liang, Laboratory Manager
or Other Approved Signatory

Any questions please contact Feng Liang.

Initial report from: 03/03/2025 08:50:49

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Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283



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Received: 02/20/2025
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Proj: C5B2426

Test Report: Determination of Asbestos Structures $\geq 0.5 \mu\text{m}$ & $> 10\mu\text{m}$ in Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits	
					MFL (million fibers per liter)					
C5B2426-05 322503365-0005	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00

Collection Date/Time: 02/18/2025 11:12 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

C5B2426-06 322503365-0006	2/21/2025 08:35 AM	5	1288	0.2580	$\geq 0.5 \mu\text{m}$	None Detected	ND	1.00	<1.00 0.00 - 3.70
					$> 10 \mu\text{m}$ only	None Detected	ND	1.00	<1.00 0.00 - 3.70

Collection Date/Time: 02/18/2025 07:30 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)

Sherrie Ahmad

(12)

Feng Liang, Laboratory Manager
or Other Approved Signatory

Any questions please contact Feng Liang.

Initial report from: 03/03/2025 08:50:49

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Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283



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Analyzed: 03/01/2025

Proj: C5B2426

Test Report: Determination of Asbestos Structures $\geq 0.5 \mu\text{m}$ & $> 10\mu\text{m}$ in Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits	
					MFL (million fibers per liter)					
C5B2426-07 322503365-0007	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00

Collection Date/Time: 02/18/2025 08:26 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr
method hold time.

C5B2426-08 322503365-0008	2/21/2025 08:35 AM	5	1288	0.2580	$\geq 0.5 \mu\text{m}$	None Detected	ND	1.00	<1.00 0.00 - 3.70
					$> 10 \mu\text{m}$ only	None Detected	ND	1.00	<1.00 0.00 - 3.70

Collection Date/Time: 02/18/2025 09:19 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr
method hold time.

Analyst(s)

Sherrie Ahmad (12)

Feng Liang, Laboratory Manager
or Other Approved Signatory

Any questions please contact Feng Liang.

Initial report from: 03/03/2025 08:50:49

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Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283



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Proj: C5B2426

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Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits	
					MFL (million fibers per liter)					
C5B2426-09 322503365-0009	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00

Collection Date/Time: 02/18/2025 09:30 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr
method hold time.

C5B2426-10 322503365-0010	2/21/2025 08:35 AM	1	1288	0.2580	$\geq 0.5 \mu\text{m}$	None Detected	ND	5.00	<5.00 0.00 - 18.00
					$> 10 \mu\text{m}$ only	None Detected	ND	5.00	<5.00 0.00 - 18.00

Collection Date/Time: 02/18/2025 09:47 AM

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr
method hold time.

Analyst(s)

Sherrie Ahmad (12)

Feng Liang, Laboratory Manager
or Other Approved Signatory

Any questions please contact Feng Liang.

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Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS					
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits	
					MFL (million fibers per liter)					
C5B2426-11 322503365-0011	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00
Collection Date/Time: 02/18/2025 10:48 AM										
Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.										
C5B2426-12 322503365-0012	2/21/2025 08:35 AM	1	1288	0.2580	≥ 0.5 µm	None Detected	ND	5.00	<5.00	0.00 - 18.00
					> 10 µm only	None Detected	ND	5.00	<5.00	0.00 - 18.00

Analyst(s)

Sherrie Ahmad

(12)

Feng Liang, Laboratory Manager
or Other Approved Signatory

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