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ANALYTICAL REPORT

PREPARED FOR

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Emerging Contaminants Program
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JOB DESCRIPTION

NMED ECP Sampling
NM3580202 - Quemado Lake Water Association

JOB NUMBER

885-40230-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

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Definitions/Glossary

Client: Emerging Contaminants Program
Project/Site: NMED ECP Sampling

Job ID: 885-40230-1
SDG: NM3580202 - Quemado Lake Water Association

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
885-40230-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/19/2025 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.9°C.

Additional Definitions
MB – Method Blank
LCS – Laboratory Control Sample
LLCS – Low-Level Laboratory Control Sample
MRL – Method Reporting Limit
MS – Matrix Spike
MSD – Matrix Spike Duplicate

PFAS
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: NM3580202-80202006-SA2

Date Collected: 12/18/25 14:53
Date Received: 12/19/25 15:05

Lab Sample ID: 885-40230-1

Matrix: Drinking Water
PWSID Number: NM3580202

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*114*		*70 - 130*	*12/26/25 12:58*	*12/29/25 07:36*	*1*
13C2 PFHxA	*124*		*70 - 130*	*12/26/25 12:58*	*12/29/25 07:36*	*1*
13C2 PFDA	*114*		*70 - 130*	*12/26/25 12:58*	*12/29/25 07:36*	*1*
13C3-GenX	*121*		*70 - 130*	*12/26/25 12:58*	*12/29/25 07:36*	*1*

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.0050		mg/L			12/29/25 17:49	1
Manganese	ND		0.0020		mg/L			12/29/25 17:49	1

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Lab Sample ID: MBL 380-194639/21-A
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 194639

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/26/25 12:58	12/29/25 04:28	1

Surrogate	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*106*		*70 - 130*	*12/26/25 12:58*	*12/29/25 04:28*	*1*
13C2 PFHxA	*113*		*70 - 130*	*12/26/25 12:58*	*12/29/25 04:28*	*1*
13C2 PFDA	*107*		*70 - 130*	*12/26/25 12:58*	*12/29/25 04:28*	*1*
13C3-GenX	*105*		*70 - 130*	*12/26/25 12:58*	*12/29/25 04:28*	*1*

Lab Sample ID: LCS 380-194639/23-A
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	25.1	22.0		ng/L		88	70 - 130
Perfluorooctanesulfonic acid (PFOS)	25.1	25.5		ng/L		102	70 - 130
Perfluoroundecanoic acid (PFUnA)	25.1	25.8		ng/L		103	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	25.1	24.7		ng/L		98	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	25.1	23.3		ng/L		93	70 - 130
Perfluorohexanoic acid (PFHxA)	25.1	23.9		ng/L		95	70 - 130
Perfluorododecanoic acid (PFDoA)	25.1	25.8		ng/L		103	70 - 130
Perfluorooctanoic acid (PFOA)	25.1	24.7		ng/L		99	70 - 130
Perfluorodecanoic acid (PFDA)	25.1	25.2		ng/L		101	70 - 130

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Lab Sample ID: LCS 380-194639/23-A
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanesulfonic acid (PFHxS)	25.1	24.4		ng/L		97	70 - 130
Perfluorobutanesulfonic acid (PFBS)	25.1	26.2		ng/L		105	70 - 130
Perfluoroheptanoic acid (PFHpA)	25.1	23.6		ng/L		94	70 - 130
Perfluorononanoic acid (PFNA)	25.1	26.0		ng/L		104	70 - 130
Perfluorotetradecanoic acid (PFTA)	25.1	23.2		ng/L		92	70 - 130
Perfluorotridecanoic acid (PFTrDA)	25.1	26.1		ng/L		104	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	25.1	25.2		ng/L		100	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	25.1	25.9		ng/L		103	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	25.1	22.9		ng/L		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*107*		*70 - 130*
13C2 PFHxA	*106*		*70 - 130*
13C2 PFDA	*113*		*70 - 130*
13C3-GenX	*97*		*70 - 130*

Lab Sample ID: MRL 380-194639/22-A
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	2.00	1.85	J	ng/L		92	50 - 150
Perfluorooctanesulfonic acid (PFOS)	2.00	1.86	J	ng/L		93	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.16		ng/L		108	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.03		ng/L		101	50 - 150
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.10		ng/L		105	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.11		ng/L		105	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.02		ng/L		101	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.21		ng/L		110	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.00	1.90	J	ng/L		95	50 - 150
Perfluorobutanesulfonic acid (PFBS)	2.00	1.94	J	ng/L		97	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.03		ng/L		101	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.21		ng/L		110	50 - 150
Perfluorotetradecanoic acid (PFTA)	2.00	1.58	J	ng/L		79	50 - 150

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Lab Sample ID: MRL 380-194639/22-A
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	2.00	2.05		ng/L		102	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	2.00	1.96	J	ng/L		98	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	1.74	J	ng/L		87	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	1.94	J	ng/L		97	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
d5-NEtFOSAA	*109*		*70 - 130*
13C2 PFHxA	*108*		*70 - 130*
13C2 PFDA	*118*		*70 - 130*
13C3-GenX	*106*		*70 - 130*

Lab Sample ID: 380-189209-B-4-A MS
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		25.2	24.6		ng/L		98	70 - 130
Perfluorooctanesulfonic acid (PFOS)	11		25.2	36.7		ng/L		101	70 - 130
Perfluoroundecanoic acid (PFUnA)	ND		25.2	30.1		ng/L		118	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		25.2	26.5		ng/L		105	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		25.2	28.9		ng/L		115	70 - 130
Perfluorohexanoic acid (PFHxA)	24		25.2	47.1		ng/L		92	70 - 130
Perfluorododecanoic acid (PFDoA)	ND		25.2	30.2		ng/L		120	70 - 130
Perfluorooctanoic acid (PFOA)	11		25.2	33.7		ng/L		91	70 - 130
Perfluorodecanoic acid (PFDA)	ND		25.2	27.9		ng/L		106	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	18		25.2	42.9		ng/L		98	70 - 130
Perfluorobutanesulfonic acid (PFBS)	7.3		25.2	33.6		ng/L		105	70 - 130
Perfluoroheptanoic acid (PFHpA)	6.7		25.2	34.6		ng/L		111	70 - 130
Perfluorononanoic acid (PFNA)	ND		25.2	29.1		ng/L		110	70 - 130
Perfluorotetradecanoic acid (PFTA)	ND		25.2	23.7		ng/L		94	70 - 130
Perfluorotridecanoic acid (PFTrDA)	ND		25.2	26.8		ng/L		106	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		25.2	25.5		ng/L		101	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		25.2	26.8		ng/L		106	70 - 130

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Lab Sample ID: 380-189209-B-4-A MS
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		25.2	25.6		ng/L		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
d5-NEtFOSAA	*126*		*70 - 130*
13C2 PFHxA	*122*		*70 - 130*
13C2 PFDA	*124*		*70 - 130*
13C3-GenX	*113*		*70 - 130*

Lab Sample ID: 380-189209-C-4-A MSD
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 194639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		25.1	25.7		ng/L		103	70 - 130	5	30
Perfluorooctanesulfonic acid (PFOS)	11		25.1	36.7		ng/L		102	70 - 130	0	30
Perfluoroundecanoic acid (PFUnA)	ND		25.1	28.1		ng/L		110	70 - 130	7	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		25.1	24.8		ng/L		99	70 - 130	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		25.1	26.2		ng/L		104	70 - 130	10	30
Perfluorohexanoic acid (PFHxA)	24		25.1	47.4		ng/L		94	70 - 130	1	30
Perfluorododecanoic acid (PFDoA)	ND		25.1	28.0		ng/L		111	70 - 130	8	30
Perfluorooctanoic acid (PFOA)	11		25.1	36.9		ng/L		104	70 - 130	9	30
Perfluorodecanoic acid (PFDA)	ND		25.1	27.6		ng/L		104	70 - 130	1	30
Perfluorohexanesulfonic acid (PFHxS)	18		25.1	44.7		ng/L		105	70 - 130	4	30
Perfluorobutanesulfonic acid (PFBS)	7.3		25.1	35.4		ng/L		112	70 - 130	5	30
Perfluoroheptanoic acid (PFHpA)	6.7		25.1	34.9		ng/L		112	70 - 130	1	30
Perfluorononanoic acid (PFNA)	ND		25.1	29.1		ng/L		111	70 - 130	0	30
Perfluorotetradecanoic acid (PFTA)	ND		25.1	22.5		ng/L		90	70 - 130	5	30
Perfluorotridecanoic acid (PFTrDA)	ND		25.1	26.6		ng/L		106	70 - 130	1	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		25.1	25.1		ng/L		100	70 - 130	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		25.1	26.4		ng/L		105	70 - 130	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		25.1	26.2		ng/L		104	70 - 130	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
d5-NEtFOSAA	*113*		*70 - 130*
13C2 PFHxA	*120*		*70 - 130*
13C2 PFDA	*119*		*70 - 130*

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Lab Sample ID: 380-189209-C-4-A MSD
Matrix: Drinking Water
Analysis Batch: 194753

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 194639

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3-GenX	*114*		*70 - 130*

Method: 200.7 - Metals (ICP)

Lab Sample ID: MBL 380-194987/91
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.0050		mg/L			12/29/25 17:26	1
Manganese	ND		0.0020		mg/L			12/29/25 17:26	1

Lab Sample ID: LCS 380-194987/93
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.0208		mg/L		104	85 - 115
Manganese	2.00	2.10		mg/L		105	85 - 115

Lab Sample ID: LCSD 380-194987/94
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0200	0.0204		mg/L		102	85 - 115	2	20
Manganese	2.00	2.08		mg/L		104	85 - 115	1	20

Lab Sample ID: LLCS 380-194987/92
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.00500	0.00535		mg/L		107	50 - 150
Manganese	0.00200	0.00212		mg/L		106	50 - 150

Lab Sample ID: 380-189539-F-1 MS
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	ND		0.0200	0.0191		mg/L		95	70 - 130
Manganese	ND		2.00	1.95		mg/L		97	70 - 130

Lab Sample ID: 380-189539-F-1 MSD
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	ND		0.0200	0.0186		mg/L		93	70 - 130	3	20

Method: 200.7 - Metals (ICP) (Continued)

Lab Sample ID: 380-189539-F-1 MSD
Matrix: Drinking Water
Analysis Batch: 194987

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	ND		2.00	1.96		mg/L		98	70 - 130	1	20

QC Association Summary

Client: Emerging Contaminants Program
Project/Site: NMED ECP Sampling

Job ID: 885-40230-1
SDG: NM3580202 - Quemado Lake Water Association

LCMS

Prep Batch: 194639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40230-1	NM3580202-80202006-SA2	Total/NA	Drinking Water	537.1 DW	
MBL 380-194639/21-A	Method Blank	Total/NA	Drinking Water	537.1 DW	
LCS 380-194639/23-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	
MRL 380-194639/22-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	
380-189209-B-4-A MS	Matrix Spike	Total/NA	Drinking Water	537.1 DW	
380-189209-C-4-A MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	537.1 DW	

Analysis Batch: 194753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40230-1	NM3580202-80202006-SA2	Total/NA	Drinking Water	EPA 537.1 V2	194639
MBL 380-194639/21-A	Method Blank	Total/NA	Drinking Water	EPA 537.1 V2	194639
LCS 380-194639/23-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537.1 V2	194639
MRL 380-194639/22-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537.1 V2	194639
380-189209-B-4-A MS	Matrix Spike	Total/NA	Drinking Water	EPA 537.1 V2	194639
380-189209-C-4-A MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	EPA 537.1 V2	194639

Metals

Analysis Batch: 194987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40230-1	NM3580202-80202006-SA2	Total/NA	Drinking Water	200.7	
MBL 380-194987/91	Method Blank	Total/NA	Drinking Water	200.7	
LCS 380-194987/93	Lab Control Sample	Total/NA	Drinking Water	200.7	
LCSD 380-194987/94	Lab Control Sample Dup	Total/NA	Drinking Water	200.7	
LLCS 380-194987/92	Lab Control Sample	Total/NA	Drinking Water	200.7	
380-189539-F-1 MS	Matrix Spike	Total/NA	Drinking Water	200.7	
380-189539-F-1 MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	200.7	

Lab Chronicle

Client: Emerging Contaminants Program
Project/Site: NMED ECP Sampling

Job ID: 885-40230-1
SDG: NM3580202 - Quemado Lake Water Association

Client Sample ID: NM3580202-80202006-SA2

Date Collected: 12/18/25 14:53
Date Received: 12/19/25 15:05

Lab Sample ID: 885-40230-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			194639	E9PK	EA POM	12/26/25 12:58
Total/NA	Analysis	EPA 537.1 V2		1	194753	Y5FM	EA POM	12/29/25 07:36
Total/NA	Analysis	200.7		1	194987	MF7S	EA POM	12/29/25 17:49

Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Accreditation/Certification Summary

Client: Emerging Contaminants Program
Project/Site: NMED ECP Sampling

Job ID: 885-40230-1
SDG: NM3580202 - Quemado Lake Water Association

Laboratory: Eurofins Pomona

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5890.01 & 5890.02	06-30-27
Alabama	State	41060	06-18-26
Arizona	State	AZ0833	02-27-26
Arkansas (DW)	State	CA00006	01-31-26
California	State	2813	06-18-27
Colorado	State	CA00006	01-31-26
Connecticut	State	PH-0107	03-31-26
Delaware (DW)	State	CA00006	01-31-26
Florida	NELAP	E871024	06-30-26
Georgia (DW)	State	947	01-31-26
Guam	State	25-02R	03-31-26
Hawaii	State	CA00006	01-31-26
Hawaii (Micro)	State	CA00006	01-31-26
Idaho (DW)	State	CA00006	01-31-26
Idaho (Micro)	State	CA00006	03-31-26
Illinois	NELAP	200033	03-31-26
Indiana	State	C-CA-01	06-18-27
Kansas	NELAP	E-10268	04-30-26
Kentucky (DW)	State	KY90107	12-31-25
Louisiana (DW)	State	LA008	12-31-25
Maine	State	CA00006A	03-08-26
Maryland	State	224	03-31-26
Massachusetts	State	M-CA006	06-30-26
MI - RadChem Recognition	State	9906	03-17-26
Michigan	State	9906	03-17-26
Mississippi	State	CA00006	01-31-26
Montana (DW)	State	CERT0035	01-01-26
Nebraska	State	NE-OS-21-13	01-31-26
Nevada	State	CA00006	07-31-26
New Hampshire	NELAP	2959	03-29-26
New Jersey	NELAP	CA008	06-30-26
New Mexico	State	CA00006	01-31-26
New York	NELAP	11320	04-01-26
North Carolina (DW)	State	06701	07-31-26
North Dakota	State	R-009	01-31-26
Northern Mariana Islands (DW)	State	CA00006	01-31-26
Ohio	State	87786	01-31-26
Oregon	NELAP	4034	01-29-26
Pennsylvania	NELAP	68-00565	10-31-26
Puerto Rico	State	CA00006	03-31-26
Rhode Island	State	LAO00381	12-30-25
South Dakota (DW)	State	CA11320	06-18-27
Tennessee	State	TN02839	06-18-26
Texas	NELAP	T104704230	09-30-26
USEPA UCMR 5	US Federal Programs	CA00006	12-31-25
Utah	NELAP	CA00006	01-31-27
Vermont	State	VT-0114	01-22-27
Virginia	NELAP	460260	06-14-26
Washington	State	C838	03-13-26
Wyoming	State	8-TMS-L	06-18-27

4901 Hawkins NE
Albuquerque, NM 87109
Phone (505) 345-3975

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Daniel Vazquez -1001603	Lab PM.	Carrier Tracking No(s): 885-40230 COC	COC No: NM3580202-SAZ
Client Contact: Jerome Fisher	Phone: 907-347-6657	E-Mail: dvazquez@geologic.ca	State of Origin: New Mexico	Page:
Company: Daniel B. Stephens & Associates	PWSID: NM3580202 NM3515518 DV	Analysis Requested		Job #: DB25.1164.00
Address: 6501 Americas Parkway, Suite 200	Due Date Requested:			Preservation Codes:
City: Albuquerque	TAT Requested (days):			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
State, Zip: New Mexico, 87110	Compliance Project: Δ Yes Δ No			
Phone: 575-635-7795	PO #:			
Email: jfisher@geo-logic.com	WO #:			
Project Name: NMED ECP Sampling	Project #: DB25.1164.00			
Site: Quemado Lake Water Ass.	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS EPA 537.1	Total Lithium and Manganese EPA 200.7	Total Number of containers	Special Instructions/Note:
			Preservation Code:				Y	D		
NM3580202-80202006-SAZ	12/18/25	1453	G	W	N		X	X	3	
NM3580202-Field Blank K-SAZ	12/18/25	1454	G	W	N		X		1	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Please only analyze the field blank sample if there are detections on a primary sample.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: GW

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		12/19/25 1505			12-19-25 1705	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.6+0.3=4.9°C

Ver: 01/16/2019

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mocho Emily	Carrier Tracking No(s): N/A	COC No: 885-7892 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: emily.mocho@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Eaton Analytical		Accreditations Required (See note): N/A		Job #: 885-40230-1
Address: 941 Corporate Center Drive,	Due Date Requested: 12/30/2025			
City: Pomona	TAT Requested (days): N/A			
State, Zip: CA, 91768-2642				
Phone: 626-386-1100(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NMED ECP Sampling	Project #: 88503064			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	537 1_DW_PREC/537 1_DW_Prep537 1 Full List	200.7_SDWA/Auto_ME_NoPrepLithium & Manganese	537 1_DW_PREC/537 1_DW_Prep537 1 Full List (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
NM3580202-80202006-SA2 (885-40230-1)	12/18/25	14 53 Mountain	G	Drinking Wate			X	X		3	Please only analyze the field blank sample if there are detections on a primary sample
NM3580202-Field Blank-SA2 (885-40230-2)	12/18/25	14 54 Mountain	G	Drinking Wate					X	1	Please only analyze the field blank sample if there are detections on a primary sample

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 12/23/25 15:30	Company	Received by:	Date/Time: 12/24/25 1430	Company: GEL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1-8/1-8 6314 NOC ICE

Ver: 10/10/2024

ICOC No:
885-7892

Containers

Count	Container Type	Preservative
3	Plastic 250ml - Trizma	Trizma
1	Plastic 250ml - with Nitric Acid	Nitric Acid

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone 505-345-3975 Fax 505-345-4107

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mocho, Emily	Carrier Tracking No(s): N/A	COC No: 885-7892 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: emily mocho@et.eurofinsus com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Eaton Analytical		Accreditations Required (See note): N/A		Job #: 885-40230-1
Address: 941 Corporate Center Drive, ,	Due Date Requested: 12/30/2025			Preservation Codes: -
City: Pomona	TAT Requested (days): N/A			
State Zip: CA, 91768-2642				
Phone: 626-386-1100(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NMED ECP Sampling	Project #: 88503064			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	537.1_DW_PREC/537.1_DW_Prep537 1 Full List	200.7_SDWA/Auto_ME_NoPrepLithium & Manganese	537 1_DW_PREC/537.1_DW_Prep537.1 Full List (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X					
NM3580202-80202006-SA2 (885-40230-1)	12/18/25	14 53 Mountain	G	Drinking Wate			X	X		3	Please only analyze the field blank sample if there are detections on a primary sample
NM3580202-Field Blank-SA2 (885-40230-2)	12/18/25	14 54 Mountain	G	Drinking Wate					X	1	Please only analyze the field blank sample if there are detections on a primary sample

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) / Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		12/17/25 15:30			12/24/25 1430	GSA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		3.0 / 3.0 NTL IR GUN

Login Sample Receipt Checklist

Client: Emerging Contaminants Program

Job Number: 885-40230-1
SDG Number: NM3580202 - Quemado Lake Water Association

Login Number: 40230
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: Emerging Contaminants Program

Job Number: 885-40230-1
SDG Number: NM3580202 - Quemado Lake Water Association

Login Number: 40230
List Number: 2
Creator: Sanchez, Joseph G

List Source: Eurofins Pomona
List Creation: 12/26/25 07:51 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Sample Preservative Verified	True	
Container provided by EEA	True	