

DOCKETED	
Docket Number:	25-OPT-02
Project Title:	Prairie Song Reliability Project
TN #:	268786
Document Title:	REV 1 DR-WATER 2 Follow Up - Additional Water Quality Sampling Results
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	2/24/2026 8:44:49 AM
Docketed Date:	2/24/2026

MEMORANDUM

To: Lisa Worrall, California Energy Commission
From: Prairie Song Reliability Project, LLC
Subject: REV 1 DR-WATER 2 Follow-Up
Date: February 23, 2026
Attachment(s): Memorandum - Additional Water Quality Sampling for Prairie Song Reliability Project

As discussed within REV 1 DR-WATER 2 in Data Request Response 3 (TN: 268043), additional sampling of the on-site groundwater well was completed for the following analytes. Results from the laboratory are now available and are provided within the attachment.

1. Beta particle and photon radioactivity
2. Radium 226 and radium 228
3. Strontium
4. Tritium
5. Pesticides diazinon and propachlor
6. Per- and polyfluoroalkyl substances (PFAS)
 - a. Perfluorobutanesulfonic acid (PFBS)
 - b. Perfluorohexanesulfonic acid (PFHxS)
 - c. Perfluorooctanoic acid (PFOA)
 - d. Perfluorooctanesulfonic acid (PFOS)
 - e. Perfluorohexanoic Acid (PFHxA)

MEMORANDUM

To: Garrett Lehman, Prairie Song Reliability Project, LLC
From: Brandon Page, Dudek
CC: Keith Carwana, Dudek; Erin Phillips, Dudek; Devin Pritchard-Peterson, Dudek
Subject: Additional Water Quality Sampling for Prairie Song Reliability Project, Los Angeles County, California
Date: February 20, 2026
Attachments: A – Analytical Report

Dudek was contracted by Prairie Song Reliability Project, LLC to complete additional water quality sampling of the domestic groundwater well located at 1222 Soledad Canyon Road for the Prairie Song Reliability Project (Project). The Project is located in unincorporated Los Angeles County, south of State Route 14 approximately three miles northeast of the center of the unincorporated community of Acton. Following the results of Title 22 Water Quality sampling conducted by Dudek in August 2025, the California State Water Resources Control Board Division of Drinking Water requested additional analysis for the following:

- Beta particle and photon radioactivity (Gross Beta)
- Radium 226 and Radium 228
- Strontium (Strontium-90)
- Tritium
- Diazinon and propachlor
- Per- and polyfluoroalkyl substances (PFAS):
 - Perfluorobutanesulfonic acid (PFBS)
 - Perfluorohexanesulfonic acid (PFHxS)
 - Perfluorooctanoic acid (PFOA)
 - Perfluorooctanesulfonic acid (PFOS)
 - Perfluorohexanoic Acid (PFHxA)

On November 22, 2025, Dudek collected a groundwater sample from the well and delivered to Clinical Laboratory of San Bernardino for analysis of the constituents listed above.

Groundwater Sample Collection and Analysis

The groundwater sample was collected on November 22, 2025, from a spigot located adjacent to the wellhead and prior to any onsite water storage or treatment systems. The well was allowed to pump for approximately 30 minutes to ensure the groundwater sample adequately reflects source (i.e., aquifer) conditions per Title 22 Section 64445. To confirm the well was adequately purged, Dudek also monitored field parameters including pH, electrical conductivity, and temperature utilizing a YSI ProDSS multiparameter water quality meter in accordance with established U.S. Environmental Protection Agency (EPA) methods. Once parameters were deemed stable, the groundwater sample was collected into laboratory-provided containers and placed on ice. Sample containers were preserved in compliance with EPA guidelines for each analytical method. In addition to the primary groundwater sample, a blank sample was collected for PFAS analysis to confirm field collection methods adequately prevented

PFAS contamination of the primary sample. The groundwater sample and blank were delivered to Clinical Laboratory of San Bernadino (California Environmental Laboratory Accreditation Program Certification Number 1088) on November 22, 2025, by Dudek staff.

Results

The groundwater sample (Sample ID: 1222SC) was analyzed for the constituents listed above by EPA-approved analytical methods at Clinical Laboratory in San Bernardino, California. Constituents that were detected above laboratory reporting limits were compared against California primary maximum contaminant levels (MCLs) for regulated constituents in drinking water. None of the constituents detected in the groundwater sample collected from the domestic well at 1222 Soledad Canyon Road exceeded respective MCLs. PFAS constituents were not detected in the primary or blank sample. The complete analytical laboratory report is presented in Attachment A.

Attachment A

Analytical Laboratory Report

Clinical Laboratory of San Bernardino, Inc.

Celebrating 55 Years of Analytical Service 1967-2022



Dudek
605 3rd Street
Encinitas CA, 92024

Project: Water Analysis
Sub Project: Prairie Song
Project Manager: Devin Pritchard-Peterson

Work Order: 25K2269
Received: 11/22/25 11:37
Reported: 02/19/26

12225C 25K2269-01 (Water) Sample Date: 11/22/25 10:10 Sampler: B. Page

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Subcontracted Analyses

Radium 228 Min Det Activity	EPA 900.0	0.047			pCi/L	02/19/26	02/19/26	2608221	FGL
Strontium 90	EPA 905.0	-0.070		8	pCi/L	12/10/25	12/10/25	2550136	PA
Strontium 90 Counting Error	EPA 905.0	0.17			pCi/L	12/10/25	12/10/25	2550136	PA
Strontium 90 Min Det Activ	EPA 905.0	0.45			pCi/L	12/10/25	12/10/25	2550136	PA
Tritium	EPA 906.0	-25			pCi/L	02/19/26	02/19/26	2608221	FGL
Tritium Counting Error	EPA 906.0	260			pCi/L	02/19/26	02/19/26	2608221	FGL
Tritium Countng MDA95	EPA 906.0	430			pCi/L	02/19/26	02/19/26	2608221	FGL

Organic Compounds by EPA Method 525.2

2,4-Dinitrotoluene	EPA 525.2	ND	2.00		ug/L	02/19/26	02/19/26	2608222	WL
2,6-Dinitrotoluene	EPA 525.2	ND	2.00		ug/L	02/19/26	02/19/26	2608222	WL
4,4'-DDD	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
4,4'-DDE	EPA 525.2	ND	0.200		ug/L	02/19/26	02/19/26	2608222	WL
4,4'-DDT	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Acenaphthene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Acenaphthylene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Acetochlor	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Alachlor (ALANEX)	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Aldrin	EPA 525.2	ND	0.200		ug/L	02/19/26	02/19/26	2608222	WL
alpha BHC	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
alpha-Chlordane	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Anthracene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Atrazine (AATREX)	EPA 525.2	0.350	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Benzo(a)anthracene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Benzo(a)pyrene	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Benzo(b)fluoranthene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Benzo(g,h,i)perylene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Benzo(k)fluoranthene	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
beta BHC	EPA 525.2	ND	0.200		ug/L	02/19/26	02/19/26	2608222	WL
Bis(2-ethylhexyl)adipate	EPA 525.2	ND	5.00		ug/L	02/19/26	02/19/26	2608222	WL
Bis(2-ethylhexyl)phthalate (DEHP)	EPA 525.2	ND	3.00		ug/L	02/19/26	02/19/26	2608222	WL
Bromacil (HYVAR)	EPA 525.2	ND	0.500		ug/L	02/19/26	02/19/26	2608222	WL
Butachlor	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL
Butylbenzyl phthalate	EPA 525.2	ND	2.00		ug/L	02/19/26	02/19/26	2608222	WL
Caffeine	EPA 525.2	ND	0.100		ug/L	02/19/26	02/19/26	2608222	WL

Stu Styles
Client Services Manager



December 09, 2025

Stu Styles
Clinical Laboratory of San Bernardino
PO Box 329
21881 Barton Rd.
Grand Terrace, CA 92313

RE: Project: 25K2269
Pace Project No.: 30829567

Dear Stu Styles:

Enclosed are the analytical results for sample(s) received by the laboratory on December 01, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Carla".

Carla Cmar
carla.cmar@pacelabs.com
(724)850-5600
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 25K2269
Pace Project No.: 30829567

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991

Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

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SAMPLE SUMMARY

Project: 25K2269
Pace Project No.: 30829567

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30829567001	12225C / 25K2269-01	Water	11/22/25 10:10	12/01/25 11:53

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SAMPLE ANALYTE COUNT

Project: 25K2269
Pace Project No.: 30829567

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30829567001	12225C / 25K2269-01	EPA 905.0	JJY	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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PROJECT NARRATIVE

Project: 25K2269
Pace Project No.: 30829567

Method: EPA 905.0
Description: 905.0 Strontium 89/90
Client: Clinical Laboratory of San Bernardino
Date: December 09, 2025

General Information:

1 sample was analyzed for EPA 905.0 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25K2269
 Pace Project No.: 30829567

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Strontium-90	EPA 905.0	-0.0700 ± 0.169 (0.448) C:90% T:NA	pCi/L	12/09/25 08:27	10098-97-2	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25K2269
 Pace Project No.: 30829567

QC Batch: 787142	Analysis Method: EPA 905.0
QC Batch Method: EPA 905.0	Analysis Description: 905.0 Strontium 89/90
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30829567001

METHOD BLANK: 3840671 Matrix: Water

Associated Lab Samples: 30829567001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Strontium-90	0.0270 ± 0.153 (0.372) C:101% T:NA	pCi/L	12/09/25 08:27	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 25K2269
Pace Project No.: 30829567

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25K2269
Pace Project No.: 30829567

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30829567001	12225C / 25K2269-01	EPA 905.0	787142		

REPORT OF LABORATORY ANALYSIS

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SUBCONTRACT ORDER
Clinical Laboratory of San Bernardino
25K2269

WO#: 30829567



SENDING LABORATORY:

Clinical Laboratory of San Bernardino
21881 Barton Road
Grand Terrace, CA 92313
Phone: 909.825.7693
Fax: 909.825.7696
Project Manager: Stu Styles

RECEIVING LABORATORY:

Pace Analytical - Greensburg
1638 Roseeytown Rd. Suite 2,3,4
Greensburg, PA 15601
Phone : (724) 850-5600
Fax: (724) 850-5601

Please email results to Project Manager: Stu Styles

navarro@clinical-lab.com styles@clinical-lab.com jhernandez@clinical-lab.com mendiola@clinical-lab.com

CLIP transfer those samples with PS codes provided Yes No

Water Trax Upload Client: _____ Yes No

GeoTracker Upload Client: _____ Yes No

MDL's / J Flags Yes No

UCMR CDX Upload Yes No

Transfer Files Yes No

Turn Around Time 10 Days 5 Days Other 25 Days

Subcontract Comments:

Analysis _____ Comments 001

Sample ID: 12225C / 25K2269-01

Sampled: 11/22/25 10:10 PS Code:
Water

WTX ID:

Strontium 90 LPA 905.0

Containers Supplied:

1/2 Gallon Plastic pH <2 w/ HNO3 (I)

Received by Pace Greensburg
Therm ID _____ Corr Factor +/- _____
Receipt Temp _____
Corrected Temp _____
Correct Preservation Y N

Released By Daniela / CSS Date / Time 11/24 1014 Received By [Signature] Date / Time 12/1/25 9:30

Released By _____ Date / Time _____ Received By _____ Date / Time _____

Released By _____ Date / Time _____ Received By _____ Date / Time _____

Samples Received on () Wet Ice () Blue Ice () No Ice

Received Temp _____ (F) (C)

WO#: 30829567



DC#_Title: ENV-FRM-GBUR-0088 v09_Sai
Greensburg

PM: CMC
CLIENT: CLSB

Due Date: 12/22/25

Effective Date: 06/24/2025

Client Name: CLSB

Project #:

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Initial / Date

Tracking Number: 1Z W3S 7W0 03 0650 3921

Examined By: ES 12/11/25

Custody Seal on Cooler/Box Present: Yes No Seals Intact: Yes No
Therm. Used: Type of Ice: Wet Blue None

Labeled By: ES 12/11/25
Temped By:

Cooler Temp: Observed Temp °C Correction Factor: °C Final Temp: °C
Temp should be above freezing to 6°C

pH paper Lot# 6411001 D.P.D. Residual Chlorine Lot#

Comments:	Yes	No	NA	
Chain of Custody Present	/			1.
Chain of Custody Filled Out: -Were client corrections present on COC	/			2.
Chain of Custody Relinquished	/			3.
Sampler Name & Signature on COC:	/			4.
Sample Labels match COC: -Includes date/time/ID Matrix: <u>WT</u>	/			5.
Samples Arrived within Hold Time:	/			6.
Short Hold Time Analysis (<72hr remaining):		/		7.
Rush Turn Around Time Requested:		/		8.
Sufficient Volume:	/			9.
Correct Containers Used: -Pace Containers Used	/			10.
Containers Intact:	/			11.
Orthophosphate field filtered:			/	12.
Hex Cr Aqueous samples field filtered:			/	13.
Organic Samples checked for dechlorination			/	14.
Filtered volume received for dissolved tests: Cr6+, Orthophosphate, DOC, Metals			/	15.
All containers checked for preservation: exceptions: VOA, coliform, TOC, O&G, TOX, LL Hg, Radon, non-aqueous matrix	/			16.
All containers meet method preservation requirements:	/			Initial when completed <u>ES</u> Date/Time of Preservation
				Lot# of added Preservative
8260C/D: Headspace in VOA Vials (> 6mm)			/	17.
624.1: Headspace in VOA Vials (0mm)			/	18.
Radon: Headspace in RAD Vials (0mm)			/	19.
Trip Blank Present:			/	Trip blank custody seal present? YES or NO
Rad Samples Screened <.05 mrem/hr.	/			Initial when completed <u>ES</u> Date: <u>12/11/25</u> Survey Meter SN: <u>25014380</u>
Comments:				

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Work Order 5K24084

Project Name: Clinical Laboratory / Blanket
Project Number: 25K2269

Report Date: 1/05/2026
Received Date: 11/24/2025 12:48 pm
Turnaround Time: Normal
Billing Code:

P.O. #:

Attn: John Styles
Client: Clinical Laboratory of San Bernardino, Inc.
 21881 Barton Road
 Grand Terrace, CA 92313

Phones: (909) 825-7693
Fax: (909) 825-7696

Sample Conditions

Temperature	1.50 C		
COC present	✓	COC completed properly	✓
COC matches sample labels	✓	Wet ice	✓
Blue ice		Sample(s) intact	✓
Sample(s) using proper containers	✓	Sample(s) have sufficient sample volume	✓
Sample(s) received within hold time	✓	Sample(s) labels have correct preservation	✓
Sample(s) have acceptable pH		Sample(s) have acceptable CI	

Sample Results

Sample: 25K2269-01, Alias: 12225C
 5K24084-01 (Water)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS							
Method: EPA 533		Instr: LCMS06					
Batch ID: W5L0649		Preparation: EPA 533#SPE		Prepared: 12/09/25 07:25		Analyst: TMC	
11CI-PF3OUdS	ND		1.6	ng/l	1	12/11/25	
4:2 FTS	ND		1.6	ng/l	1	12/11/25	
6:2 FTS	ND		1.6	ng/l	1	12/11/25	
8:2 FTS	ND		1.6	ng/l	1	12/11/25	
9CI-PF3ONS	ND		1.6	ng/l	1	12/11/25	
ADONA	ND		1.6	ng/l	1	12/11/25	
HFPO-DA	ND		1.6	ng/l	1	12/11/25	
NFDHA	ND		1.6	ng/l	1	12/11/25	
PFBA	ND		1.6	ng/l	1	12/11/25	
PFBS	ND		1.6	ng/l	1	12/11/25	
PFDA	ND		1.6	ng/l	1	12/11/25	
PFDoA	ND		1.6	ng/l	1	12/11/25	
PFEESA	ND		1.6	ng/l	1	12/11/25	

Sample Results

(Continued)

Sample: 25K2269-01, Alias: 12225C
5K24084-01 (Water)

(Continued)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 533			Instr: LCMS06				
Batch ID: W5L0649		Preparation: EPA 533#SPE			Prepared: 12/09/25 07:25		Analyst: TMC
PFHpA	ND		1.6	ng/l	1	12/11/25	
PFHpS	ND		1.6	ng/l	1	12/11/25	
PFHxA	ND		1.6	ng/l	1	12/11/25	
PFHxS	ND		1.6	ng/l	1	12/11/25	
PFMBA	ND		1.6	ng/l	1	12/11/25	
PFMOAA	ND		3.2	ng/l	1	12/11/25	
PFMPA	ND		1.6	ng/l	1	12/11/25	
PFNA	ND		1.6	ng/l	1	12/11/25	
PFOA	ND		1.6	ng/l	1	12/11/25	
PFOS	ND		1.6	ng/l	1	12/11/25	
PFPeA	ND		1.6	ng/l	1	12/11/25	
PFPeS	ND		1.6	ng/l	1	12/11/25	
PFPrA	ND		3.2	ng/l	1	12/11/25	
PFUnA	ND		1.6	ng/l	1	12/11/25	
<i>Surrogate(s)</i>							
13C2-4:2 FTS	78%		50-200	Conc: 25.2		12/11/25	
13C2-6:2 FTS	92%		50-200	Conc: 29.9		12/11/25	
13C2-8:2 FTS	79%		50-200	Conc: 25.7		12/11/25	
13C2-PFD _o A	39%		50-200	Conc: 3.14		12/11/25	S-11
13C3-PFBS	102%		50-200	Conc: 8.26		12/11/25	
13C3-PFHxS	94%		50-200	Conc: 7.62		12/11/25	
13C4-PFBA	68%		50-200	Conc: 5.54		12/11/25	
13C4-PFHpA	58%		50-200	Conc: 4.74		12/11/25	
13C5-PFHxA	66%		50-200	Conc: 5.34		12/11/25	
13C5-PFPeA	71%		50-200	Conc: 5.76		12/11/25	
13C6-PFDA	33%		50-200	Conc: 2.65		12/11/25	S-11
13C7-PFUnA	35%		50-200	Conc: 2.83		12/11/25	S-11
13C8-PFOA	48%		50-200	Conc: 3.88		12/11/25	S-11
13C8-PFOS	96%		50-200	Conc: 7.80		12/11/25	
13C9-PFNA	39%		50-200	Conc: 3.20		12/11/25	S-11
HFPO-DA-13C3	70%		50-200	Conc: 5.69		12/11/25	

Semivolatile Organic Compounds by GC/MS

Method: EPA 525.2			Instr: GCMS16				
Batch ID: W5L0109		Preparation: EPA 525.2#SPE			Prepared: 12/02/25 07:21		Analyst: rmr
2,4-Dinitrotoluene	ND		2.0	ug/l	1	12/04/25	
2,6-Dinitrotoluene	ND		2.0	ug/l	1	12/04/25	

Sample Results

(Continued)

Sample: 25K2269-01, Alias: 12225C
5K24084-01 (Water)

(Continued)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2			Instr: GCMS16				
Batch ID: W5L0109		Preparation: EPA 525.2#SPE			Prepared: 12/02/25 07:21		Analyst: rmr
4,4'-DDD	ND		0.10	ug/l	1	12/04/25	
4,4'-DDE	ND		0.20	ug/l	1	12/04/25	
4,4'-DDT	ND		0.10	ug/l	1	12/04/25	
Acenaphthene	ND		0.50	ug/l	1	12/04/25	
Acenaphthylene	ND		0.50	ug/l	1	12/04/25	
Acetochlor	ND		0.10	ug/l	1	12/04/25	
Alachlor	ND		0.10	ug/l	1	12/04/25	
Aldrin	ND		0.20	ug/l	1	12/04/25	
alpha-BHC	ND		0.10	ug/l	1	12/04/25	
alpha-Chlordane	ND		0.10	ug/l	1	12/04/25	
Anthracene	ND		0.50	ug/l	1	12/04/25	Q-ME
Atrazine	0.35		0.10	ug/l	1	12/04/25	
Benzo (a) anthracene	ND		0.50	ug/l	1	12/04/25	
Benzo (a) pyrene	ND		0.10	ug/l	1	12/04/25	
Benzo (b) fluoranthene	ND		0.50	ug/l	1	12/04/25	
Benzo (g,h,i) perylene	ND		0.50	ug/l	1	12/04/25	
Benzo (k) fluoranthene	ND		0.50	ug/l	1	12/04/25	
beta-BHC	ND		0.20	ug/l	1	12/04/25	
Bis(2-ethylhexyl)adipate	ND		5.0	ug/l	1	12/04/25	
Bis(2-ethylhexyl)phthalate	ND		3.0	ug/l	1	12/04/25	
Bromacil	ND		0.50	ug/l	1	12/04/25	
Butachlor	ND		0.10	ug/l	1	12/04/25	
Butyl benzyl phthalate	ND		2.0	ug/l	1	12/04/25	
Caffeine	ND		0.10	ug/l	1	12/04/25	
Captan	ND		1.0	ug/l	1	12/04/25	
Chlorpropham	ND		0.10	ug/l	1	12/04/25	
Chrysene	ND		0.50	ug/l	1	12/04/25	
delta-BHC	ND		0.10	ug/l	1	12/04/25	
Diazinon	ND		0.10	ug/l	1	12/04/25	
Dibenzo (a,h) anthracene	ND		0.50	ug/l	1	12/04/25	
Dieldrin	ND		0.20	ug/l	1	12/04/25	
Diethyl phthalate	ND		2.0	ug/l	1	12/04/25	
Dimethoate	ND		0.20	ug/l	1	12/04/25	
Dimethyl phthalate	ND		2.0	ug/l	1	12/04/25	
Di-n-butyl phthalate	ND		2.0	ug/l	1	12/04/25	
Di-n-octyl phthalate	ND		0.50	ug/l	1	12/04/25	
Diphenamid	ND		0.10	ug/l	1	12/04/25	
Disulfoton	ND		0.20	ug/l	1	12/04/25	

Sample Results

(Continued)

Sample: 25K2269-01, Alias: 12225C
5K24084-01 (Water)

(Continued)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2			Instr: GCMS16				
Batch ID: W5L0109		Preparation: EPA 525.2#SPE			Prepared: 12/02/25 07:21		Analyst: rmr
Endosulfan I	ND		1.0	ug/l	1	12/04/25	
Endosulfan II	ND		0.20	ug/l	1	12/04/25	
Endosulfan sulfate	ND		0.20	ug/l	1	12/04/25	
Endrin	ND		0.20	ug/l	1	12/04/25	
Endrin aldehyde	ND		0.20	ug/l	1	12/04/25	
Endrin ketone	ND		0.20	ug/l	1	12/04/25	
EPTC	ND		0.10	ug/l	1	12/04/25	
Ethion	ND		0.10	ug/l	1	12/04/25	
Fluoranthene	ND		0.50	ug/l	1	12/04/25	
Fluorene	ND		0.50	ug/l	1	12/04/25	
gamma-BHC (Lindane)	ND		0.10	ug/l	1	12/04/25	
gamma-Chlordane	ND		0.10	ug/l	1	12/04/25	
Heptachlor	ND		0.10	ug/l	1	12/04/25	
Heptachlor epoxide	ND		0.10	ug/l	1	12/04/25	
Hexachlorobenzene	ND		0.10	ug/l	1	12/04/25	
Hexachlorocyclopentadiene	ND		1.0	ug/l	1	12/04/25	
Indeno (1,2,3-cd) pyrene	ND		0.50	ug/l	1	12/04/25	
Methoxychlor	ND		0.20	ug/l	1	12/04/25	
Metolachlor	ND		0.10	ug/l	1	12/04/25	
Metribuzin	ND		0.10	ug/l	1	12/04/25	
Molinate	ND		0.10	ug/l	1	12/04/25	
Naphthalene	ND		0.50	ug/l	1	12/04/25	
Pentachloronitrobenzene (PCNB)	ND		0.10	ug/l	1	12/04/25	
Pentachlorophenol	ND		1.0	ug/l	1	12/04/25	
Phenanthrene	ND		0.50	ug/l	1	12/04/25	
Prometryn	ND		0.10	ug/l	1	12/04/25	
Propachlor	ND		0.20	ug/l	1	12/04/25	
Pyrene	ND		0.50	ug/l	1	12/04/25	
Simazine	ND		0.10	ug/l	1	12/04/25	
Terbacil	ND		2.0	ug/l	1	12/04/25	
Thiobencarb	ND		0.10	ug/l	1	12/04/25	
Trifluralin	ND		0.10	ug/l	1	12/04/25	
Trithion	ND		0.10	ug/l	1	12/04/25	
<i>Surrogate(s)</i>							
1,3-Dimethyl-2-nitrobenzene	95%		70-130	Conc: 4.44		12/04/25	
Perylene-d12	92%		50-120	Conc: 4.31		12/04/25	
Triphenyl phosphate	97%		70-130	Conc: 4.55		12/04/25	

Sample Results

(Continued)

Sample: 25K2269-01, Alias: 12225C

(Continued)

5K24084-01 (Water)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2						Instr: GCMS16	
Batch ID: W5L0109		Preparation: EPA 525.2#SPE				Prepared: 12/02/25 07:21	Analyst: rmr

Sample Results

Sample: 25K2269-02, Alias: 12225C Field Blank
5K24084-02 (Water)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Method: EPA 533

Instr: LCMS06

Batch ID: W5L0649

Preparation: EPA 533#SPE

Prepared: 12/09/25 07:25

Analyst: TMC

11CI-PF3OUdS	ND		1.8	ng/l	1	12/11/25	
4:2 FTS	ND		1.8	ng/l	1	12/11/25	
6:2 FTS	ND		1.8	ng/l	1	12/11/25	
8:2 FTS	ND		1.8	ng/l	1	12/11/25	
9CI-PF3ONS	ND		1.8	ng/l	1	12/11/25	
ADONA	ND		1.8	ng/l	1	12/11/25	
HFPO-DA	ND		1.8	ng/l	1	12/11/25	
NFDHA	ND		1.8	ng/l	1	12/11/25	
PFBA	ND		1.8	ng/l	1	12/11/25	
PFBS	ND		1.8	ng/l	1	12/11/25	
PFDA	ND		1.8	ng/l	1	12/11/25	
PFDoA	ND		1.8	ng/l	1	12/11/25	
PFEESA	ND		1.8	ng/l	1	12/11/25	
PFHpA	ND		1.8	ng/l	1	12/11/25	
PFHpS	ND		1.8	ng/l	1	12/11/25	
PFHxA	ND		1.8	ng/l	1	12/11/25	
PFHxS	ND		1.8	ng/l	1	12/11/25	
PFMBA	ND		1.8	ng/l	1	12/11/25	
PFMPA	ND		1.8	ng/l	1	12/11/25	
PFNA	ND		1.8	ng/l	1	12/11/25	
PFOA	ND		1.8	ng/l	1	12/11/25	
PFOS	ND		1.8	ng/l	1	12/11/25	
PFPeA	ND		1.8	ng/l	1	12/11/25	
PFPeS	ND		1.8	ng/l	1	12/11/25	
PFUnA	ND		1.8	ng/l	1	12/11/25	

Surrogate(s)

13C2-4:2 FTS	89%	50-200	Conc: 31.4	12/11/25
13C2-6:2 FTS	90%	50-200	Conc: 31.8	12/11/25
13C2-8:2 FTS	87%	50-200	Conc: 30.9	12/11/25
13C2-PFDoA	77%	50-200	Conc: 6.80	12/11/25
13C3-PFBS	93%	50-200	Conc: 8.20	12/11/25
13C3-PFHxS	95%	50-200	Conc: 8.38	12/11/25
13C4-PFBA	95%	50-200	Conc: 8.37	12/11/25
13C4-PFHpA	89%	50-200	Conc: 7.84	12/11/25
13C5-PFHxA	90%	50-200	Conc: 7.98	12/11/25
13C5-PFPeA	97%	50-200	Conc: 8.59	12/11/25

Sample Results

(Continued)

Sample: 25K2269-02, Alias: 12225C Field Blank
 5K24084-02 (Water)

(Continued)

Sampled: 11/22/25 10:10 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 533			Instr: LCMS06				
Batch ID: W5L0649		Preparation: EPA 533#SPE		Prepared: 12/09/25 07:25		Analyst: TMC	
13C6-PFDA	78%		50-200	Conc: 6.90		12/11/25	
13C7-PFUnA	75%		50-200	Conc: 6.66		12/11/25	
13C8-PFOA	86%		50-200	Conc: 7.59		12/11/25	
13C8-PFOS	90%		50-200	Conc: 7.91		12/11/25	
13C9-PFNA	78%		50-200	Conc: 6.91		12/11/25	
HFPO-DA-13C3	87%		50-200	Conc: 7.71		12/11/25	

Quality Control Results

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD RPD	RPD Limit	Qualifier
Batch: W5L0649 - EPA 533#SPE									
Blank (W5L0649-BLK1)					Prepared: 12/09/25 Analyzed: 12/10/25				
11CI-PF3OUdS	ND	2.0	ng/l						
4:2 FTS	ND	2.0	ng/l						
6:2 FTS	ND	2.0	ng/l						
8:2 FTS	ND	2.0	ng/l						
9CI-PF3ONS	ND	2.0	ng/l						
ADONA	ND	2.0	ng/l						
HFPO-DA	ND	2.0	ng/l						
NFDHA	ND	2.0	ng/l						
PFBA	ND	2.0	ng/l						
PFBS	ND	2.0	ng/l						
PFDA	ND	2.0	ng/l						
PFDoA	ND	2.0	ng/l						
PFEESA	ND	2.0	ng/l						
PFHpA	ND	2.0	ng/l						
PFHpS	ND	2.0	ng/l						
PFHxA	ND	2.0	ng/l						
PFHxS	ND	2.0	ng/l						
PFMBA	ND	2.0	ng/l						
PFMPA	ND	2.0	ng/l						
PFNA	ND	2.0	ng/l						
PFOA	ND	2.0	ng/l						
PFOS	ND	2.0	ng/l						
PFPeA	ND	2.0	ng/l						
PFPeS	ND	2.0	ng/l						
PFOA	ND	2.0	ng/l						
<i>Surrogate(s)</i>									
13C2-4:2 FTS	32.8		ng/l	40.0		82	50-200		
13C2-6:2 FTS	34.3		ng/l	40.0		86	50-200		
13C2-8:2 FTS	35.5		ng/l	40.0		89	50-200		
13C2-PFDoA	9.15		ng/l	10.0		91	50-200		
13C3-PFBS	9.49		ng/l	10.0		95	50-200		
13C3-PFHxS	9.40		ng/l	10.0		94	50-200		
13C4-PFBA	9.69		ng/l	10.0		97	50-200		
13C4-PFHpA	9.16		ng/l	10.0		92	50-200		
13C5-PFHxA	9.22		ng/l	10.0		92	50-200		
13C5-PFPeA	9.68		ng/l	10.0		97	50-200		
13C6-PFDA	8.82		ng/l	10.0		88	50-200		

Quality Control Results

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0649 - EPA 533#SPE (Continued)									
Blank (W5L0649-BLK1)					Prepared: 12/09/25 Analyzed: 12/10/25				
<i>Surrogate(s)</i>									
13C7-PFUnA	8.68		ng/l	10.0		87 50-200			
13C8-PFOA	8.89		ng/l	10.0		89 50-200			
13C8-PFOS	9.22		ng/l	10.0		92 50-200			
13C9-PFNA	8.68		ng/l	10.0		87 50-200			
HFPO-DA-13C3	8.83		ng/l	10.0		88 50-200			
LCS (W5L0649-BS1)					Prepared: 12/09/25 Analyzed: 12/10/25				
11CI-PF3OUdS	58.5	2.0	ng/l	60.0		97 70-130			
4:2 FTS	58.3	2.0	ng/l	60.0		97 70-130			
6:2 FTS	57.2	2.0	ng/l	60.0		95 70-130			
8:2 FTS	60.1	2.0	ng/l	60.0		100 70-130			
9CI-PF3ONS	58.6	2.0	ng/l	60.0		98 70-130			
ADONA	60.3	2.0	ng/l	60.0		100 70-130			
HFPO-DA	59.9	2.0	ng/l	60.0		100 70-130			
NFDHA	62.4	2.0	ng/l	60.0		104 70-130			
PFBA	60.7	2.0	ng/l	60.0		101 70-130			
PFBS	63.4	2.0	ng/l	60.0		106 70-130			
PFDA	60.8	2.0	ng/l	60.0		101 70-130			
PFDoA	60.6	2.0	ng/l	60.0		101 70-130			
PFEESA	62.2	2.0	ng/l	60.0		104 70-130			
PFHpA	60.4	2.0	ng/l	60.0		101 70-130			
PFHpS	59.1	2.0	ng/l	60.0		98 70-130			
PFHxA	60.3	2.0	ng/l	60.0		101 70-130			
PFHxS	62.1	2.0	ng/l	60.0		103 70-130			
PFMBA	60.3	2.0	ng/l	60.0		101 70-130			
PFMPA	62.7	2.0	ng/l	60.0		105 70-130			
PFNA	59.9	2.0	ng/l	60.0		100 70-130			
PFOA	59.5	2.0	ng/l	60.0		99 70-130			
PFOS	59.2	2.0	ng/l	60.0		99 70-130			
PFPeA	61.7	2.0	ng/l	60.0		103 70-130			
PFPeS	61.3	2.0	ng/l	60.0		102 70-130			
PFUnA	62.3	2.0	ng/l	60.0		104 70-130			
<i>Surrogate(s)</i>									
13C2-4:2 FTS	36.6		ng/l	40.0		92 50-200			
13C2-6:2 FTS	39.5		ng/l	40.0		99 50-200			
13C2-8:2 FTS	36.7		ng/l	40.0		92 50-200			
13C2-PFDoA	8.73		ng/l	10.0		87 50-200			

Quality Control Results

(Continued)

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0649 - EPA 533#SPE (Continued)									
LCS (W5L0649-BS1)					Prepared: 12/09/25 Analyzed: 12/10/25				
<i>Surrogate(s)</i>									
13C3-PFBS	9.99		ng/l	10.0		100 50-200			
13C3-PFHxS	9.60		ng/l	10.0		96 50-200			
13C4-PFBA	9.69		ng/l	10.0		97 50-200			
13C4-PFHpA	9.13		ng/l	10.0		91 50-200			
13C5-PFHxA	9.48		ng/l	10.0		95 50-200			
13C5-PFPeA	9.87		ng/l	10.0		99 50-200			
13C6-PFDA	8.65		ng/l	10.0		87 50-200			
13C7-PFUnA	8.48		ng/l	10.0		85 50-200			
13C8-PFOA	9.18		ng/l	10.0		92 50-200			
13C8-PFOS	9.88		ng/l	10.0		99 50-200			
13C9-PFNA	9.02		ng/l	10.0		90 50-200			
HFPO-DA-13C3	9.16		ng/l	10.0		92 50-200			
LCS Dup (W5L0649-BSD1)					Prepared: 12/09/25 Analyzed: 12/10/25				
11CI-PF3OUdS	62.3	2.0	ng/l	60.0		104 70-130	6	30	
4:2 FTS	53.4	2.0	ng/l	60.0		89 70-130	9	30	
6:2 FTS	59.5	2.0	ng/l	60.0		99 70-130	4	30	
8:2 FTS	62.9	2.0	ng/l	60.0		105 70-130	5	30	
9CI-PF3ONS	62.2	2.0	ng/l	60.0		104 70-130	6	30	
ADONA	59.6	2.0	ng/l	60.0		99 70-130	1	30	
HFPO-DA	65.3	2.0	ng/l	60.0		109 70-130	9	30	
NFDHA	60.9	2.0	ng/l	60.0		101 70-130	2	30	
PFBA	61.2	2.0	ng/l	60.0		102 70-130	0.7	30	
PFBS	62.9	2.0	ng/l	60.0		105 70-130	0.7	30	
PFDA	62.2	2.0	ng/l	60.0		104 70-130	2	30	
PFDoA	61.4	2.0	ng/l	60.0		102 70-130	1	30	
PFEESA	61.3	2.0	ng/l	60.0		102 70-130	1	30	
PFHpA	61.1	2.0	ng/l	60.0		102 70-130	1	30	
PFHpS	60.0	2.0	ng/l	60.0		100 70-130	2	30	
PFHxA	60.6	2.0	ng/l	60.0		101 70-130	0.4	30	
PFHxS	63.2	2.0	ng/l	60.0		105 70-130	2	30	
PFMBA	60.9	2.0	ng/l	60.0		102 70-130	1	30	
PFMPA	62.8	2.0	ng/l	60.0		105 70-130	0.2	30	
PFNA	58.6	2.0	ng/l	60.0		98 70-130	2	30	
PFOA	60.9	2.0	ng/l	60.0		101 70-130	2	30	
PFOS	61.4	2.0	ng/l	60.0		102 70-130	4	30	
PFPeA	62.2	2.0	ng/l	60.0		104 70-130	0.9	30	

Quality Control Results

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0649 - EPA 533#SPE (Continued)										
LCS Dup (W5L0649-BSD1) Prepared: 12/09/25 Analyzed: 12/10/25										
PFPeS	63.1	2.0	ng/l	60.0		105	70-130	3	30	
PFUnA	61.8	2.0	ng/l	60.0		103	70-130	0.7	30	
<i>Surrogate(s)</i>										
13C2-4:2 FTS	36.9		ng/l	40.0		92	50-200			
13C2-6:2 FTS	37.8		ng/l	40.0		94	50-200			
13C2-8:2 FTS	34.9		ng/l	40.0		87	50-200			
13C2-PFDoA	9.27		ng/l	10.0		93	50-200			
13C3-PFBS	9.84		ng/l	10.0		98	50-200			
13C3-PFHxS	9.35		ng/l	10.0		93	50-200			
13C4-PFBA	9.70		ng/l	10.0		97	50-200			
13C4-PFHpA	9.57		ng/l	10.0		96	50-200			
13C5-PFHxA	9.63		ng/l	10.0		96	50-200			
13C5-PFPeA	9.78		ng/l	10.0		98	50-200			
13C6-PFDA	9.09		ng/l	10.0		91	50-200			
13C7-PFUnA	9.39		ng/l	10.0		94	50-200			
13C8-PFOA	9.36		ng/l	10.0		94	50-200			
13C8-PFOS	9.54		ng/l	10.0		95	50-200			
13C9-PFNA	9.35		ng/l	10.0		93	50-200			
HFPO-DA-13C3	8.69		ng/l	10.0		87	50-200			

Quality Control Results

Semivolatile Organic Compounds by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE									
Blank (W5L0109-BLK1)				Prepared: 12/02/25 Analyzed: 12/03/25					
2,4-Dinitrotoluene	ND	2.0	ug/l						
2,6-Dinitrotoluene	ND	2.0	ug/l						
4,4'-DDD	ND	0.10	ug/l						
4,4'-DDE	ND	0.20	ug/l						
4,4'-DDT	ND	0.10	ug/l						
Acenaphthene	ND	0.50	ug/l						
Acenaphthylene	ND	0.50	ug/l						
Acetochlor	ND	0.10	ug/l						
Alachlor	ND	0.10	ug/l						
Aldrin	ND	0.20	ug/l						
alpha-BHC	ND	0.10	ug/l						
alpha-Chlordane	ND	0.10	ug/l						
Anthracene	ND	0.50	ug/l						
Atrazine	ND	0.10	ug/l						
Benzo (a) anthracene	ND	0.50	ug/l						
Benzo (a) pyrene	ND	0.10	ug/l						
Benzo (b) fluoranthene	ND	0.50	ug/l						
Benzo (g,h,i) perylene	ND	0.50	ug/l						
Benzo (k) fluoranthene	ND	0.50	ug/l						
beta-BHC	ND	0.20	ug/l						
Bis(2-ethylhexyl)adipate	ND	5.0	ug/l						
Bis(2-ethylhexyl)phthalate	ND	3.0	ug/l						
Bromacil	ND	0.50	ug/l						
Butachlor	ND	0.10	ug/l						
Butyl benzyl phthalate	ND	2.0	ug/l						
Caffeine	ND	0.10	ug/l						
Captan	ND	1.0	ug/l						
Chlorpropham	ND	0.10	ug/l						
Chrysene	ND	0.50	ug/l						
delta-BHC	ND	0.10	ug/l						
Diazinon	ND	0.10	ug/l						
Dibenzo (a,h) anthracene	ND	0.50	ug/l						
Dieldrin	ND	0.20	ug/l						
Diethyl phthalate	ND	2.0	ug/l						
Dimethoate	ND	0.20	ug/l						
Dimethyl phthalate	ND	2.0	ug/l						
Di-n-butyl phthalate	ND	2.0	ug/l						
Di-n-octyl phthalate	ND	0.50	ug/l						

Quality Control Results

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)										
Blank (W5L0109-BLK1)				Prepared: 12/02/25 Analyzed: 12/03/25						
Diphenamid	ND	0.10	ug/l							
Disulfoton	ND	0.20	ug/l							
Endosulfan I	ND	1.0	ug/l							
Endosulfan II	ND	0.20	ug/l							
Endosulfan sulfate	ND	0.20	ug/l							
Endrin	ND	0.20	ug/l							
Endrin aldehyde	ND	0.20	ug/l							
Endrin ketone	ND	0.20	ug/l							
EPTC	ND	0.10	ug/l							
Ethion	ND	0.10	ug/l							
Fluoranthene	ND	0.50	ug/l							
Fluorene	ND	0.50	ug/l							
gamma-BHC (Lindane)	ND	0.10	ug/l							
gamma-Chlordane	ND	0.10	ug/l							
Heptachlor	ND	0.10	ug/l							
Heptachlor epoxide	ND	0.10	ug/l							
Hexachlorobenzene	ND	0.10	ug/l							
Hexachlorocyclopentadiene	ND	1.0	ug/l							
Indeno (1,2,3-cd) pyrene	ND	0.50	ug/l							
Methoxychlor	ND	0.20	ug/l							
Metolachlor	ND	0.10	ug/l							
Metribuzin	ND	0.10	ug/l							
Molinate	ND	0.10	ug/l							
Naphthalene	ND	0.50	ug/l							
Pentachloronitrobenzene (PCNB)	ND	0.10	ug/l							
Pentachlorophenol	ND	1.0	ug/l							
Phenanthrene	ND	0.50	ug/l							
Prometryn	ND	0.10	ug/l							
Propachlor	ND	0.20	ug/l							
Pyrene	ND	0.50	ug/l							
Simazine	ND	0.10	ug/l							
Terbacil	ND	2.0	ug/l							
Thiobencarb	ND	0.10	ug/l							
Trifluralin	ND	0.10	ug/l							
Trithion	ND	0.10	ug/l							
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.94		ug/l	5.00		99	70-130			

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)									
Blank (W5L0109-BLK1)					Prepared: 12/02/25 Analyzed: 12/03/25				
<i>Surrogate(s)</i>									
Perylene-d12	4.59		ug/l	5.00		92 50-120			
Triphenyl phosphate	4.40		ug/l	5.00		88 70-130			
LCS (W5L0109-BS1)					Prepared: 12/02/25 Analyzed: 12/03/25				
2,4-Dinitrotoluene	8.24	2.0	ug/l	10.0		82 70-130			
2,6-Dinitrotoluene	8.44	2.0	ug/l	10.0		84 70-130			
4,4'-DDD	0.450	0.10	ug/l	0.500		90 70-130			
4,4'-DDE	0.950	0.20	ug/l	1.00		95 70-130			
4,4'-DDT	0.421	0.10	ug/l	0.500		84 70-130			
Acenaphthene	2.43	0.50	ug/l	2.50		97 70-130			
Acenaphthylene	2.44	0.50	ug/l	2.50		98 70-130			
Acetochlor	0.474	0.10	ug/l	0.500		95 70-130			
Alachlor	0.496	0.10	ug/l	0.500		99 70-130			
Aldrin	1.02	0.20	ug/l	1.00		102 70-130			
alpha-BHC	0.529	0.10	ug/l	0.500		106 70-130			
alpha-Chlordane	0.508	0.10	ug/l	0.500		102 70-130			
Anthracene	1.73	0.50	ug/l	2.50		69 70-130			Q-ME
Atrazine	0.512	0.10	ug/l	0.500		102 70-130			
Benzo (a) anthracene	2.17	0.50	ug/l	2.50		87 70-130			
Benzo (a) pyrene	0.353	0.10	ug/l	0.500		71 60-130			
Benzo (b) fluoranthene	2.27	0.50	ug/l	2.50		91 70-130			AN-IP
Benzo (g,h,i) perylene	2.21	0.50	ug/l	2.50		88 40-160			
Benzo (k) fluoranthene	2.35	0.50	ug/l	2.50		94 70-130			AN-IP
beta-BHC	1.09	0.20	ug/l	1.00		109 70-130			
Bis(2-ethylhexyl)adipate	28.0	5.0	ug/l	25.0		112 70-130			
Bis(2-ethylhexyl)phthalate	16.2	3.0	ug/l	15.0		108 70-130			
Bromacil	2.25	0.50	ug/l	2.50		90 70-130			
Butachlor	0.469	0.10	ug/l	0.500		94 70-130			
Butyl benzyl phthalate	10.3	2.0	ug/l	10.0		103 70-130			
Caffeine	0.404	0.10	ug/l	0.500		81 50-120			
Captan	4.49	1.0	ug/l	5.00		90 70-130			
Chlorpropham	0.490	0.10	ug/l	0.500		98 70-130			
Chrysene	2.29	0.50	ug/l	2.50		91 70-130			
delta-BHC	0.507	0.10	ug/l	0.500		101 70-130			
Diazinon	0.407	0.10	ug/l	0.500		81 50-120			
Dibenzo (a,h) anthracene	2.20	0.50	ug/l	2.50		88 50-150			
Dieldrin	1.10	0.20	ug/l	1.00		110 70-130			

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)									
LCS (W5L0109-BS1)				Prepared: 12/02/25 Analyzed: 12/03/25					
Diethyl phthalate	10.5	2.0	ug/l	10.0		105 70-130			
Dimethoate	0.701	0.20	ug/l	1.00		70 50-120			
Dimethyl phthalate	10.1	2.0	ug/l	10.0		101 70-130			
Di-n-butyl phthalate	10.6	2.0	ug/l	10.0		106 70-130			
Di-n-octyl phthalate	1.94	0.50	ug/l	2.50		78 70-130			
Diphenamid	0.587	0.10	ug/l	0.500		117 70-130			
Disulfoton	0.780	0.20	ug/l	1.00		78 50-120			
Endosulfan I	5.47	1.0	ug/l	5.00		109 70-130			
Endosulfan II	0.940	0.20	ug/l	1.00		94 70-130			
Endosulfan sulfate	0.971	0.20	ug/l	1.00		97 70-130			
Endrin	1.10	0.20	ug/l	1.00		110 70-130			
Endrin aldehyde	0.942	0.20	ug/l	1.00		94 70-130			
Endrin ketone	1.03	0.20	ug/l	1.00		103 70-130			
EPTC	0.507	0.10	ug/l	0.500		101 70-130			
Ethion	0.448	0.10	ug/l	0.500		90 70-130			
Fluoranthene	2.50	0.50	ug/l	2.50		100 70-130			
Fluorene	2.51	0.50	ug/l	2.50		100 70-130			
gamma-BHC (Lindane)	0.552	0.10	ug/l	0.500		110 70-130			
gamma-Chlordane	0.492	0.10	ug/l	0.500		98 70-130			
Heptachlor	0.452	0.10	ug/l	0.500		90 70-130			
Heptachlor epoxide	0.536	0.10	ug/l	0.500		107 70-130			
Hexachlorobenzene	0.469	0.10	ug/l	0.500		94 70-130			
Hexachlorocyclopentadiene	3.82	1.0	ug/l	5.00		76 33-106			
Indeno (1,2,3-cd) pyrene	2.19	0.50	ug/l	2.50		87 50-150			
Methoxychlor	0.869	0.20	ug/l	1.00		87 70-130			
Metolachlor	0.512	0.10	ug/l	0.500		102 60-130			
Metribuzin	0.418	0.10	ug/l	0.500		84 50-120			
Molinate	0.523	0.10	ug/l	0.500		105 70-130			
Naphthalene	2.34	0.50	ug/l	2.50		94 70-130			
Pentachloronitrobenzene (PCNB)	0.417	0.10	ug/l	0.500		83 70-130			
Pentachlorophenol	4.00	1.0	ug/l	5.00		80 50-120			
Phenanthrene	2.39	0.50	ug/l	2.50		96 70-130			
Prometryn	0.361	0.10	ug/l	0.500		72 30-120			
Propachlor	1.02	0.20	ug/l	1.00		102 70-130			
Pyrene	2.43	0.50	ug/l	2.50		97 70-130			
Simazine	0.450	0.10	ug/l	0.500		90 60-130			
Terbacil	10.8	2.0	ug/l	10.0		108 70-130			
Thiobencarb	0.491	0.10	ug/l	0.500		98 70-130			

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)										
LCS (W5L0109-BS1)				Prepared: 12/02/25 Analyzed: 12/03/25						
Trifluralin	0.391	0.10	ug/l	0.500		78	70-130			
Trithion	0.406	0.10	ug/l	0.500		81	70-130			
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.77		ug/l	5.00		95	70-130			
Perylene-d12	4.62		ug/l	5.00		92	50-120			
Triphenyl phosphate	5.47		ug/l	5.00		109	70-130			
Matrix Spike (W5L0109-MS1)				Source: 5K10035-01 Prepared: 12/02/25 Analyzed: 12/03/25						
2,4-Dinitrotoluene	8.56	2.0	ug/l	9.49	ND	90	70-130			
2,6-Dinitrotoluene	8.87	2.0	ug/l	9.49	ND	93	70-130			
4,4'-DDD	0.447	0.10	ug/l	0.474	ND	94	70-130			
4,4'-DDE	0.923	0.20	ug/l	0.949	ND	97	70-130			
4,4'-DDT	0.414	0.10	ug/l	0.474	ND	87	70-130			
Acenaphthene	2.33	0.50	ug/l	2.37	ND	98	70-130			
Acenaphthylene	2.27	0.50	ug/l	2.37	ND	96	70-130			
Acetochlor	0.440	0.10	ug/l	0.474	ND	93	70-130			
Alachlor	0.472	0.10	ug/l	0.474	ND	99	70-130			
Aldrin	0.950	0.20	ug/l	0.949	ND	100	70-130			
alpha-BHC	0.497	0.10	ug/l	0.474	ND	105	70-130			
alpha-Chlordane	0.491	0.10	ug/l	0.474	ND	104	70-130			
Anthracene	2.06	0.50	ug/l	2.37	ND	87	70-130			
Atrazine	0.517	0.10	ug/l	0.474	ND	109	70-130			
Benzo (a) anthracene	2.28	0.50	ug/l	2.37	ND	96	70-130			
Benzo (a) pyrene	0.400	0.10	ug/l	0.474	ND	84	60-130			
Benzo (b) fluoranthene	2.19	0.50	ug/l	2.37	ND	92	70-130			AN-IP
Benzo (g,h,i) perylene	2.06	0.50	ug/l	2.37	ND	87	40-160			
Benzo (k) fluoranthene	2.21	0.50	ug/l	2.37	ND	93	70-130			AN-IP
beta-BHC	1.02	0.20	ug/l	0.949	ND	107	70-130			
Bis(2-ethylhexyl)adipate	26.3	5.0	ug/l	23.7	ND	111	70-130			
Bis(2-ethylhexyl)phthalate	15.3	3.0	ug/l	14.2	ND	107	70-130			
Bromacil	2.23	0.50	ug/l	2.37	ND	94	70-130			
Butachlor	0.414	0.10	ug/l	0.474	ND	87	70-130			
Butyl benzyl phthalate	10.0	2.0	ug/l	9.49	ND	105	70-130			
Caffeine	0.409	0.10	ug/l	0.474	ND	86	50-120			
Captan	4.34	1.0	ug/l	4.74	ND	92	70-130			
Chlorpropham	0.468	0.10	ug/l	0.474	ND	99	70-130			
Chrysene	2.22	0.50	ug/l	2.37	ND	93	70-130			
delta-BHC	0.492	0.10	ug/l	0.474	ND	104	70-130			

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)										
Matrix Spike (W5L0109-MS1)			Source: 5K10035-01		Prepared: 12/02/25		Analyzed: 12/03/25			
Diazinon	0.407	0.10	ug/l	0.474	ND	86	50-120			
Dibenzo (a,h) anthracene	2.06	0.50	ug/l	2.37	ND	87	50-150			
Dieldrin	1.01	0.20	ug/l	0.949	ND	107	70-130			
Diethyl phthalate	9.83	2.0	ug/l	9.49	ND	104	70-130			
Dimethoate	0.818	0.20	ug/l	0.949	ND	86	50-120			
Dimethyl phthalate	9.75	2.0	ug/l	9.49	ND	103	70-130			
Di-n-butyl phthalate	10.2	2.0	ug/l	9.49	ND	108	70-130			
Di-n-octyl phthalate	1.84	0.50	ug/l	2.37	ND	78	70-130			
Diphenamid	0.566	0.10	ug/l	0.474	ND	119	70-130			
Disulfoton	0.698	0.20	ug/l	0.949	ND	74	50-120			
Endosulfan I	5.09	1.0	ug/l	4.74	ND	107	70-130			
Endosulfan II	0.941	0.20	ug/l	0.949	ND	99	70-130			
Endosulfan sulfate	0.984	0.20	ug/l	0.949	ND	104	70-130			
Endrin	1.12	0.20	ug/l	0.949	ND	118	70-130			
Endrin aldehyde	0.985	0.20	ug/l	0.949	ND	104	70-130			
Endrin ketone	1.00	0.20	ug/l	0.949	ND	106	70-130			
EPTC	0.502	0.10	ug/l	0.474	ND	106	70-130			
Ethion	0.435	0.10	ug/l	0.474	ND	92	70-130			
Fluoranthene	2.48	0.50	ug/l	2.37	ND	104	70-130			
Fluorene	2.35	0.50	ug/l	2.37	ND	99	70-130			
gamma-BHC (Lindane)	0.496	0.10	ug/l	0.474	ND	104	70-130			
gamma-Chlordane	0.471	0.10	ug/l	0.474	ND	99	70-130			
Heptachlor	0.427	0.10	ug/l	0.474	ND	90	70-130			
Heptachlor epoxide	0.512	0.10	ug/l	0.474	ND	108	70-130			
Hexachlorobenzene	0.453	0.10	ug/l	0.474	ND	95	70-130			
Hexachlorocyclopentadiene	3.75	1.0	ug/l	4.74	ND	79	33-106			
Indeno (1,2,3-cd) pyrene	2.04	0.50	ug/l	2.37	ND	86	50-150			
Methoxychlor	0.845	0.20	ug/l	0.949	ND	89	70-130			
Metolachlor	0.474	0.10	ug/l	0.474	ND	100	60-130			
Metribuzin	0.422	0.10	ug/l	0.474	ND	89	50-120			
Molinate	0.507	0.10	ug/l	0.474	ND	107	70-130			
Naphthalene	2.22	0.50	ug/l	2.37	ND	94	70-130			
Pentachloronitrobenzene (PCNB)	0.394	0.10	ug/l	0.474	ND	83	70-130			
Pentachlorophenol	4.06	1.0	ug/l	4.74	ND	86	50-120			
Phenanthrene	2.33	0.50	ug/l	2.37	ND	98	70-130			
Prometryn	0.366	0.10	ug/l	0.474	ND	77	30-120			
Propachlor	0.960	0.20	ug/l	0.949	ND	101	70-130			
Pyrene	2.42	0.50	ug/l	2.37	ND	102	70-130			

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)										
Matrix Spike (W5L0109-MS1)	Source: 5K10035-01			Prepared: 12/02/25 Analyzed: 12/03/25						
Simazine	0.422	0.10	ug/l	0.474	ND	89	60-130			
Terbacil	10.6	2.0	ug/l	9.49	ND	112	70-130			
Thiobencarb	0.468	0.10	ug/l	0.474	ND	99	70-130			
Trifluralin	0.390	0.10	ug/l	0.474	ND	82	70-130			
Trithion	0.397	0.10	ug/l	0.474	ND	84	70-130			
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.46		ug/l	4.74		94	70-130			
Perylene-d12	4.35		ug/l	4.74		92	50-120			
Triphenyl phosphate	5.20		ug/l	4.74		110	70-130			
Matrix Spike Dup (W5L0109-MSD1)	Source: 5K10035-01			Prepared: 12/02/25 Analyzed: 12/03/25						
2,4-Dinitrotoluene	8.57	2.0	ug/l	9.55	ND	90	70-130	0.09	30	
2,6-Dinitrotoluene	8.86	2.0	ug/l	9.55	ND	93	70-130	0.1	30	
4,4'-DDD	0.464	0.10	ug/l	0.478	ND	97	70-130	4	30	
4,4'-DDE	0.975	0.20	ug/l	0.955	ND	102	70-130	6	30	
4,4'-DDT	0.428	0.10	ug/l	0.478	ND	90	70-130	3	30	
Acenaphthene	2.37	0.50	ug/l	2.39	ND	99	70-130	2	30	
Acenaphthylene	2.32	0.50	ug/l	2.39	ND	97	70-130	2	30	
Acetochlor	0.461	0.10	ug/l	0.478	ND	97	70-130	5	30	
Alachlor	0.497	0.10	ug/l	0.478	ND	104	70-130	5	30	
Aldrin	0.981	0.20	ug/l	0.955	ND	103	70-130	3	30	
alpha-BHC	0.499	0.10	ug/l	0.478	ND	105	70-130	0.4	30	
alpha-Chlordane	0.513	0.10	ug/l	0.478	ND	107	70-130	4	30	
Anthracene	2.08	0.50	ug/l	2.39	ND	87	70-130	1	30	
Atrazine	0.526	0.10	ug/l	0.478	ND	110	70-130	2	30	
Benzo (a) anthracene	2.27	0.50	ug/l	2.39	ND	95	70-130	0.5	30	
Benzo (a) pyrene	0.411	0.10	ug/l	0.478	ND	86	60-130	3	30	
Benzo (b) fluoranthene	2.30	0.50	ug/l	2.39	ND	96	70-130	5	30	AN-IP
Benzo (g,h,i) perylene	2.16	0.50	ug/l	2.39	ND	91	40-160	5	30	
Benzo (k) fluoranthene	2.35	0.50	ug/l	2.39	ND	98	70-130	6	30	AN-IP
beta-BHC	1.07	0.20	ug/l	0.955	ND	112	70-130	5	30	
Bis(2-ethylhexyl)adipate	27.1	5.0	ug/l	23.9	ND	114	70-130	3	30	
Bis(2-ethylhexyl)phthalate	15.5	3.0	ug/l	14.3	ND	108	70-130	1	30	
Bromacil	2.38	0.50	ug/l	2.39	ND	99	70-130	7	30	
Butachlor	0.472	0.10	ug/l	0.478	ND	99	70-130	13	30	
Butyl benzyl phthalate	10.3	2.0	ug/l	9.55	ND	108	70-130	3	30	
Caffeine	0.418	0.10	ug/l	0.478	ND	88	50-120	2	30	
Captan	4.56	1.0	ug/l	4.78	ND	95	70-130	5	30	

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)										
Matrix Spike Dup (W5L0109-MSD1)			Source: 5K10035-01		Prepared: 12/02/25		Analyzed: 12/03/25			
Chlorpropham	0.513	0.10	ug/l	0.478	ND	107	70-130	9	30	
Chrysene	2.28	0.50	ug/l	2.39	ND	95	70-130	3	30	
delta-BHC	0.506	0.10	ug/l	0.478	ND	106	70-130	3	30	
Diazinon	0.440	0.10	ug/l	0.478	ND	92	50-120	8	30	
Dibenzo (a,h) anthracene	2.17	0.50	ug/l	2.39	ND	91	50-150	5	30	
Dieldrin	1.05	0.20	ug/l	0.955	ND	110	70-130	4	30	
Diethyl phthalate	10.3	2.0	ug/l	9.55	ND	108	70-130	5	30	
Dimethoate	0.873	0.20	ug/l	0.955	ND	91	50-120	6	30	
Dimethyl phthalate	9.80	2.0	ug/l	9.55	ND	103	70-130	0.5	30	
Di-n-butyl phthalate	10.4	2.0	ug/l	9.55	ND	109	70-130	2	30	
Di-n-octyl phthalate	1.99	0.50	ug/l	2.39	ND	83	70-130	8	30	
Diphenamid	0.587	0.10	ug/l	0.478	ND	123	70-130	4	30	
Disulfoton	0.825	0.20	ug/l	0.955	ND	86	50-120	17	30	
Endosulfan I	5.56	1.0	ug/l	4.78	ND	116	70-130	9	30	
Endosulfan II	0.988	0.20	ug/l	0.955	ND	103	70-130	5	30	
Endosulfan sulfate	0.976	0.20	ug/l	0.955	ND	102	70-130	0.8	30	
Endrin	1.16	0.20	ug/l	0.955	ND	122	70-130	4	30	
Endrin aldehyde	1.02	0.20	ug/l	0.955	ND	106	70-130	3	30	
Endrin ketone	1.05	0.20	ug/l	0.955	ND	110	70-130	5	30	
EPTC	0.500	0.10	ug/l	0.478	ND	105	70-130	0.2	30	
Ethion	0.472	0.10	ug/l	0.478	ND	99	70-130	8	30	
Fluoranthene	2.50	0.50	ug/l	2.39	ND	105	70-130	0.9	30	
Fluorene	2.37	0.50	ug/l	2.39	ND	99	70-130	0.8	30	
gamma-BHC (Lindane)	0.530	0.10	ug/l	0.478	ND	111	70-130	7	30	
gamma-Chlordane	0.502	0.10	ug/l	0.478	ND	105	70-130	6	30	
Heptachlor	0.461	0.10	ug/l	0.478	ND	97	70-130	8	30	
Heptachlor epoxide	0.551	0.10	ug/l	0.478	ND	115	70-130	7	30	
Hexachlorobenzene	0.475	0.10	ug/l	0.478	ND	99	70-130	5	30	
Hexachlorocyclopentadiene	3.90	1.0	ug/l	4.78	ND	82	33-106	4	30	
Indeno (1,2,3-cd) pyrene	2.06	0.50	ug/l	2.39	ND	86	50-150	0.6	30	
Methoxychlor	0.872	0.20	ug/l	0.955	ND	91	70-130	3	30	
Metolachlor	0.513	0.10	ug/l	0.478	ND	107	60-130	8	30	
Metribuzin	0.435	0.10	ug/l	0.478	ND	91	50-120	3	30	
Molinate	0.513	0.10	ug/l	0.478	ND	107	70-130	1	30	
Naphthalene	2.26	0.50	ug/l	2.39	ND	95	70-130	2	30	
Pentachloronitrobenzene (PCNB)	0.445	0.10	ug/l	0.478	ND	93	70-130	12	30	
Pentachlorophenol	4.08	1.0	ug/l	4.78	ND	86	50-120	0.5	30	
Phenanthrene	2.33	0.50	ug/l	2.39	ND	97	70-130	0.09	30	

Quality Control Results

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5L0109 - EPA 525.2#SPE (Continued)										
Matrix Spike Dup (W5L0109-MSD1)		Source: 5K10035-01		Prepared: 12/02/25		Analyzed: 12/03/25				
Prometryn	0.389	0.10	ug/l	0.478	ND	81	30-120	6	30	
Propachlor	1.02	0.20	ug/l	0.955	ND	107	70-130	6	30	
Pyrene	2.42	0.50	ug/l	2.39	ND	101	70-130	0.04	30	
Simazine	0.444	0.10	ug/l	0.478	ND	93	60-130	5	30	
Terbacil	11.0	2.0	ug/l	9.55	ND	115	70-130	4	30	
Thiobencarb	0.506	0.10	ug/l	0.478	ND	106	70-130	8	30	
Trifluralin	0.424	0.10	ug/l	0.478	ND	89	70-130	8	30	
Trithion	0.425	0.10	ug/l	0.478	ND	89	70-130	7	30	
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.58		ug/l	4.78		96	70-130			
Perylene-d12	4.51		ug/l	4.78		94	50-120			
Triphenyl phosphate	5.39		ug/l	4.78		113	70-130			

Notes and Definitions

Item	Definition
AN-IP	Sample results for structural isomers may have contribution from their isomeric pair.
Q-ME	Acceptable QC with marginal exceedance
S-11	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
%REC	Percent Recovery
Dil	Dilution
MRL	Method Reporting Limit (MRL) is the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

Analyses Accreditation

Analyte	CAS #	Not By ELAP-CA	Not By NELAP-OR	Not By ANAB ISO 17025
<i>EPA 525.2 in Water</i>				
2,4-Dinitrotoluene	121-14-2	●		●
2,6-Dinitrotoluene	606-20-2	●		●
4,4'-DDD	72-54-8	●		●
4,4'-DDE	72-55-9	●		●
4,4'-DDT	50-29-3	●		●
Acenaphthene	83-32-9	●		●
Acenaphthylene	208-96-8	●		●
Acetochlor	34256-82-1	●		●
Aldrin	309-00-2			●
alpha-BHC	319-84-6	●		●
alpha-Chlordane	5103-71-9	●	●	●
Anthracene	120-12-7	●		●
Benzo (a) anthracene	56-55-3	●		●
Benzo (b) fluoranthene	205-99-2	●		●
Benzo (g,h,i) perylene	191-24-2	●		●

Analyses Accreditation

(Continued)

Analyte	CAS #	Not By ELAP-CA	Not By NELAP-OR	Not By ANAB ISO 17025
<i>EPA 525.2 in Water (Continued)</i>				
Benzo (k) fluoranthene	207-08-9	●		●
beta-BHC	319-85-7	●		●
Bromacil	314-40-9	●		●
Butyl benzyl phthalate	85-68-7	●		●
Caffeine	58-08-2	●	●	●
Captan	133-06-2	●	●	●
Chlorpropham	101-21-3	●		●
Chrysene	218-01-9	●		●
delta-BHC	319-86-8	●		●
Diazinon	333-41-5	●		●
Dibenzo (a,h) anthracene	53-70-3	●		●
Diethyl phthalate	84-66-2	●		●
Dimethoate	60-51-5	●	●	●
Dimethyl phthalate	131-11-3	●		●
Di-n-butyl phthalate	84-74-2	●		●
Di-n-octyl phthalate	117-84-0	●		●
Diphenamid	957-51-7	●		●
Disulfoton	298-04-4	●		●
Endosulfan I	959-98-8	●		●
Endosulfan II	33213-65-9	●		●
Endosulfan sulfate	1031-07-8	●		●
Endrin aldehyde	7421-93-4	●		●
Endrin ketone	53494-70-5	●		●
EPTC	759-94-4	●		●
Ethion	563-12-2	●	●	●
Fluoranthene	206-44-0	●		●
Fluorene	86-73-7	●		●
gamma-Chlordane	5566-34-7	●		●
Indeno (1,2,3-cd) pyrene	193-39-5	●		●
Metolachlor	51218-45-2	●		●
Metribuzin	21087-64-9	●		●

Analyses Accreditation

(Continued)

Analyte	CAS #	Not By ELAP-CA	Not By NELAP-OR	Not By ANAB ISO 17025
<i>EPA 525.2 in Water (Continued)</i>				
Naphthalene	91-20-3	●		●
Pentachloronitrobenzene (PCNB)	82-68-8	●	●	●
Phenanthrene	85-01-8	●		●
Prometryn	7287-19-6	●		●
Pyrene	129-00-0	●		●
Terbacil	5902-51-2	●		●
Trithion	786-19-6	●	●	●
Propachlor	1918-16-7	●		●
Trifluralin	1582-09-8	●		●

This laboratory report may contain results for target analytes that are not currently certifiable by the California Environmental Laboratory Accreditation Program (ELAP). ELAP is the state agency that accredits environmental testing laboratories in California <https://www.waterboards.ca.gov/drinking_water/certlic/labs/index.html>. ELAP certification is required for laboratories that perform testing for regulatory purposes, such as drinking water, wastewater, hazardous waste, and ambient water <https://www.waterboards.ca.gov/drinking_water/certlic/labs/apply.html>. However, ELAP does not certify all analytes or methods that a laboratory may offer. Therefore, some of the target analytes in this report may not have been tested under ELAP-approved methods or quality control procedures. The results for these analytes are provided for informational purposes only and should not be used for regulatory compliance or decision making. Please contact the laboratory if you have any questions or concerns about the report.

Reviewed by:



Rahul R. Nair
Project Manager



ELAP-CA #1132 • EPA-UCMR #CA00211 • LACSD #10143

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Results are related only to the items tested. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. The report may include analytes that are not currently accreditable by some state agencies or accrediting bodies. This analytical report must be reproduced in its entirety.

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

25K2269

5K-24084

SENDING LABORATORY:

Clinical Laboratory of San Bernardino
21881 Barton Road
Grand Terrace, CA 92313
Phone: 909.825.7693
Fax: 909.825.7696
Project Manager: Stu Styles

RECEIVING LABORATORY:

Week Lab, Analytical & Environmental
14859 E Clark Ave
Industry, CA 91745
Phone : (626) 336-2139
Fax: (626) 336-2634

Please email results to Project Manager: Stu Styles

[] navarro@clinical-lab.com [] styles@clinical-lab.com [] jhernandez@clinical-lab.com [] mendiola@clinical-lab.com

CLIP transfer those samples with PS codes provided [] Yes [] No
Water Trax Upload Client: [] Yes [] No
GeoTracker Upload Client: [] Yes [] No
MDL's / J Flags [] Yes [] No
UCMR CDX Upload [] Yes [] No
Transfer Files [] Yes [] No

Turn Around Time [] 10 Days [] 5 Days [] Other ___ Days

Subcontract Comments:

Analysis Comments

Sample ID: 12225C / 25K2269-01

Sampled: 11/22/25 10:10 PS Code:
Water

WTX ID:

EPA 533 - Weck

525 Semi-Volatile Organics

EXT List

Containers Supplied:

1 L Amber Glass HCl (A) 1 L Amber Glass HCl (B) 250mL poly w/ Ammonium Acetate, <6C (C)
250mL poly w/ Ammonium Acetate, <6C (D) 1 L Amber Glass HCl (F)

Sample ID: 12225C Field Blank / 25K2269-02

Sampled: 11/22/25 10:10 PS Code:
Water

WTX ID:

EPA 533 - Weck

Containers Supplied:

250mL poly w/ Ammonium Acetate, <6C (A)

Table with columns: Check by Initials, Date/Time/ Temp. C TID/ Samples, pH Lot (WP2A), Value, Ice Type (W5I), Acid Lot (WP2B), Amount, Cl Lot (WP3A), Qualifiers, Description. Includes handwritten entries like 'ln 11/24 12:42 1.5' and '2'.

Released By: J. Taylor / on/com Date / Time: 11/24 12:40 Received By: [Signature] Date / Time: 11/24/25 12:43

Released By: Date / Time: Received By: Date / Time:

Released By: Date / Time: Received By: Date / Time:

Samples Received on () Wet Ice () Blue Ice () No Ice Received Temp: 1.5 (F) (C) WEA

February 19, 2026

Lab No. : SP 2520386

Clinical Lab of San Bernardino

P.O. Box 329
San Bernardino, CA 92402

Customer No. : 2001747

Laboratory Report

Introduction: This report package contains a total of 3 pages divided into 3 sections:

- Case Narrative (1 page) : An overview of the work performed at FGL.
- Sample Results (1 page) : Results for each sample submitted.
- Quality Control (1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
12225C	11/22/2025	11/26/2025	SP 2520386-001	W

Sampling and Receipt Information:

The Sample was received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. The Sample was received, prepared and analyzed within the method specified holding times. All samples arrived room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.


Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

EPA 900.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 903.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 906.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA RA-05	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: MKH

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2026-02-19

February 19, 2026

Clinical Lab of San Bernardino

P.O. Box 329
 San Bernardino, CA 92402

Description : 12225C
 Project : 25K2269

Lab No. : SP 2520386-001
 Customer No. : 2001747

Sampled On : November 22, 2025 at 10:10
 Sampled By : Not Available
 Received On : November 26, 2025 at 11:10
 Matrix : Water

Sample Results - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	DQF	Sample Preparation			Sample Analysis			
						Date	Time	Who	Method	Date	Time	Who
Radio Chemistry												
Gross Beta	17.0 ± 1.92	0.181	pCi/L		lh	12/01/2025	08:00	jnr	EPA 900.0	12/01/2025	13:10	amr
Tot Alpha Radium (226/224/223)	0.0823 ± 0.107	0.410	pCi/L			01/06/2026	17:30	emv	EPA 903.0	01/21/2026	07:13	amr
Tritium	-24.6 ± 264	434	pCi/L			12/05/2025	07:00	amr	EPA 906.0	12/05/2025	20:17	amr
Ra 228	0.013 ± 0.848	0.0468	pCi/L			02/15/2026	12:45	emv	EPA RA-05	02/18/2026	18:50	amr
Combined Radium 226/228	0.0953 ± 0.855	0.410	PCi/L	5		01/06/2026	17:30	emv	Calc.	01/21/2026	07:13	amr

DQF Flags Definition:

- l The MS/MSD did not meet QC criteria.
- h The MS/MSD did not meet QC criteria.

ND=Non-Detected, RL=Reporting Level

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.

MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV). AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:

- Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
- Uranium is less than or equal to 20 pCi/L
- Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

February 19, 2026

Clinical Lab of San Bernardino

Lab No. : SP 2520386

Customer No. : 2001747

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Gross Beta	900.0	12/01/2025:213358JNR (SP 2520177-001)	Blank	pCi/L		ND	<1.8226	
			LCS	pCi/L	21.23	116%	60-126	
			MS	pCi/L	21.23	154%	80-130	435
			MSD	pCi/L	21.23	63.9%	80-130	435
			MSRPD	pCi/L		64.9%	≤30	435
Total Radium	903.0	01/06/2026:200038EMV	RgBlk	pCi/L		0.016613	0.40957	
			LCS	pCi/L	21.84	75.0%	52-107	
			BS	pCi/L	21.84	77.5%	43-111	
			BSD	pCi/L	21.84	77.2%	43-111	
			BSRPD	pCi/L		0.4%	≤35.5	
Tritium	906.0	12/05/2025:213585AMR (SP 2520294-001)	Blank	pCi/L		ND	<433.74	
			LCS	pCi/L	2084	98.6%	75-125	
			MS	pCi/L	2084	107%	75-125	
			MSD	pCi/L	2084	101%	75-125	
			MSRPD	pCi/L		5.3%	≤25	
Radium - 228	Ra - 05	02/15/2026:200569EMV	RgBlk	pCi/L		0.68682	0.03303	
			LRS	pCi/L	17.57	81.6%	65-108	
			BS	pCi/L	17.57	94.6%	75-125	
			BSD	pCi/L	17.57	122%	75-125	
			BSRPD	pCi/L		25.0%	≤25	

Definition

- Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
- BS : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
- BSD : Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
- BSRPD : BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
- DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.
- LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
- LRS : Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
- MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
- ND : Non-detect - Result was below the DQO listed for the analyte.
- RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.

Explanation

- 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino
25K2269

2520386

SENDING LABORATORY:

Clinical Laboratory of San Bernardino
21881 Barton Road
Grand Terrace, CA 92313
Phone: 909.825.7693
Fax: 909.825.7696
Project Manager: Stu Styles

RECEIVING LABORATORY:

FGL Environmental
853 Corporation St
Santa Paula, CA 93060
Phone : (805) 392-2000
Fax: (805) 525-4172

Please email results to Project Manager: Stu Styles

navarro@clinical-lab.com styles@clinical-lab.com jhernandez@clinical-lab.com mendiola@clinical-lab.com

CLIP transfer those samples with PS codes provided Yes No
Water Trax Upload Client: _____ Yes No
GeoTracker Upload Client: _____ Yes No
MDL's / J Flags Yes No
UCMR CDX Upload Yes No
Transfer Files Yes No

Turn Around Time 10 Days 5 Days Other 20 Days

Subcontract Comments:

Analysis

Comments

Sample ID: 12225C / 25K2269-01

Sampled: 11/22/25 10:10 PS Code:
Water

WTX ID:

Tritium EPA 906.0

Radium 228 EPA Ra-05

Radium 226 EPA 903.0

Gross Beta EPA 900.0

Report as Combined Radium

Report as Combined Radium

Containers Supplied:

1 Quart w/ HNO3 (E)

1/2 Gallon Plastic pH <2 w/ HNO3 (F)

1 Quart w/ HNO3 (G)

125mL Amber Glass (H)

Released By

Date / Time

Received By

Date / Time

Daniela / CLS 11/25 1035
GWS 11/26/25 1110

CDA 11/26/25 1110

Released By

Date / Time

Received By

Date / Time

Samples Received on () Wet Ice () Blue Ice () No Ice

Received Temp _____ (F) (C)

Condition Upon Receipt (Attach to COC) SP 2520386


Sample Receipt at SP:

- 1. Number of ice chests/packages received: 1
- 2. Shipper tracking number(s) 563782200
- 3. Temp IR Gun ID#: _____
- 4. Were samples received on Ice? **Yes** **No** Temps: RRT / _____ / _____ / _____ / _____ / _____
- 5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
- 6. Do the number of bottles received agree with the COC? **Yes** **No** **N/A**
- 7. Verify sample date, time, sampler **Yes** **No**
- 8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** **No**

Sample Verification, Labeling and Distribution:

- 1. Were all requested analyses understood and acceptable? **Yes** **No**
- 2. Did bottle labels correspond with the client's ID's? **Yes** **No**
- 3. Were all bottles requiring sample preservation properly preserved? **Yes** **No** **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
- 4. VOAs checked for Headspace? **Yes** **No** **N/A**
- 5. Were all analyses within holding times at time of receipt? **Yes** **No**
- 6. Have rush or project due dates been checked and accepted? **Yes** **No** **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: _____ Reviewed and Approved By **Celina D. Arenas**  Digitally signed by Celina D. Arenas
Title: Sample Receiving
Date: 11/26/2025-15:21:51

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
 Initiated By: _____ Date: _____
 Problem: _____

Resolution: _____

2. Person Contacted: _____ Phone Number: _____
 Initiated By: _____ Date: _____
 Problem: _____

Resolution: _____

(2001747)
 Clinical Lab of San Bernardino
SP 2520386
 CDA-11/26/2025-15:21:51

