GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171
gel.com

June 20, 2025

Ms. Heather Medley
Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington 99352

Re: SAF W25-006
Work Order: 727382
SDG: GEL727382

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on June 05, 2025. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4505.

Sincerely,

MCaroline Stover
Mary Stover for
Heather Shaffer
Project Manager

Purchase Order: 901852-7H
Chain of Custody: W25-006-250, W25-006-252, W25-006-253, W25-006-255, W25-006-257, W25-006-258 and W25-006-261
Enclosures

problem solved

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Case Narrative

General Narrative
for
Central Plateau Cleanup Company (89223)
SAF W25-006
SDG: GEL727382

June 20, 2025

Laboratory Identification:

The GEL Group, Inc.

Summary

Sample receipt

The sample(s) arrived at GEL Laboratories, LLC, Charleston, South Carolina on June 05, 2025, for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Items of Note All efforts were made by the lab to meet any short hold times. Samples that were analyzed outside of the initial hold time but still within 2X hold time will be noted in the lab case narrative.

Sample Identification
The laboratory received the following samples:

Laboratory Identification	Sample Description
727382001	B4MF94
727382002	B4MF96
727382003	B4MF97
727382004	B4MF99
727382005	B4MFB1
727382006	B4MFB2
727382007	B4MFB7

Case Narrative

Sample analyses were conducted using methodology as outlined in GEL Laboratories, LLC (GEL) Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

Data Package

The enclosed data package contains the following sections: General Narrative, Chain of Custody and Supporting Documentation, and data from the following fractions: GC/MS Semivolatile, GC Semivolatile Pesticide and GC Semivolatile PCB.

We certify that this package is in compliance with the Analytical Laboratory Services for Central Plateau Cleanup Company Statement of Work, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this data package deliverable has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.

M Caroline Stover

Mary Stover for
Heather Shaffer
Project Manager

GEL Laboratories LLC 2040 Savage Road | Charleston, SC 29407 843.556.8171 gel.com

Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL727382
Work Order #: 727382

GC/MS Semivolatile

Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206132966 (LCS)	1, 4-Dioxane	36* (39%-68%)

Spike Recovery Statement
The MS or MSD (See Below) spike recoveries were not within the acceptance limits. The associated MS or MSD passed recoveries, as did the LCS. It appears that the low spike recoveries were isolated to the MS or MSD only and were the result of a poor extraction.

Sample	Analyte	Value
1206132968 (B4MD44MSD)	2, 3, 4, 6-Tetrachlorophenol	30* (39%-129%)
	2, 4, 5-Trichlorophenol	38* (40%-126%)
	2, 4, 6-Trichlorophenol	31* (39%-128%)
	2, 6-Dichlorophenol	32* (39%-120%)
	2-Methyl-4, 6-dinitrophenol	24* (28%-146%)
	4-Chloroaniline	9* (34%-120%)
	4-Nitrophenol	9* (19%-94%)
	Aniline	14* (29%-109%)
	m-Nitroaniline	32* (34%-135%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206132967MS and 1206132968MSD (B4MD44)	1, 4-Dioxane	RPD 49* (0%-30%)

	2, 3, 4, 6-Tetrachlorophenol	RPD 82* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 65* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 80* (0%-30%)
	2, 4-Dichlorophenol	RPD 46* (0%-30%)
	2, 4-Dinitrophenol	RPD 94* (0%-30%)
	2, 6-Dichlorophenol	RPD 76* (0%-30%)
	2-Chlorophenol	RPD 44* (0%-30%)
	2-Methyl-4, 6-dinitrophenol	RPD 98* (0%-30%)
	2-Nitrophenol	RPD 53* (0%-30%)
	4-Chloroaniline	RPD 153* (0%-30%)
	4-Nitrophenol	RPD 137* (0%-30%)
	Aniline	RPD 120* (0%-30%)
	Benzyl alcohol	RPD 51* (0%-30%)
	N-Methyl-N-nitrosomethylamine	RPD 50* (0%-30%)
	N-Nitrosopyrrolidine	RPD 46* (0%-30%)
	Pentachlorophenol	RPD 85* (0%-30%)
	Phenol	RPD 57* (0%-30%)
	m, p-Cresols	RPD 40* (0%-30%)
	m-Nitroaniline	RPD 80* (0%-30%)
	o-Cresol	RPD 38* (0%-30%)

Miscellaneous Information

Additional Comments
Some target compounds were not included in the LCS/LCSD and/or MS/MSD in this batch. A representative list of compounds were spiked and monitored. The lab is in the process of acquiring additional standards in order to fortify the LCS/LCSD and/or MS/MSD with all requested target compounds. 727382007 (B4MFB7).

Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS (See Below) spike recoveries were slightly below the spike recovery acceptance limits. There were four MS/MSD pairs extracted and analyzed with the LCS. Three pairs met all spike recovery acceptance criteria. One MS/MSD pair had failures that were attributed to matrix interference. The daily CCVs were well within response criteria for all requested analytes. The data were reported.

Sample	Analyte	Value
1206133924 (LCS)	1, 4-Dioxane	25* (39%-68%)

	2, 4-Dimethylphenol	32* (42%-91%)
	2-Chlorophenol	36* (40%-102%)
	2-Nitrophenol	42* (44%-117%)
	4-Nitrophenol	15* (19%-94%)
	Aniline	35* (38%-93%)
	Benzo(a)pyrene	45* (49%-120%)
	Benzo(k)fluoranthene	47* (49%-120%)
	Chrysene	51* (52%-122%)
	Di-n-octylphthalate	42* (45%-128%)
	Hexachlorocyclopentadiene	27* (32%-85%)
	Indeno(1, 2, 3-cd)pyrene	43* (46%-123%)
	N-Methyl-N-nitrosomethylamine	27* (33%-79%)
	N-Nitrosopyrrolidine	39* (41%-114%)
	Nitrobenzene	44* (47%-110%)
	Pyridine	23* (28%-79%)
	m, p-Cresols	31* (36%-90%)
	o-Cresol	32* (36%-98%)
	o-Nitroaniline	48* (51%-127%)

Miscellaneous Information

Additional Comments
Some target compounds were not included in the LCS/LCSD and/or MS/MSD in this batch. A representative list of compounds were spiked and monitored. The lab is in the process of acquiring additional standards in order to fortify the LCS/LCSD and/or MS/MSD with all requested target compounds. 727382001 (B4MF94), 727382005 (B4MFB1) and 727382006 (B4MFB2).

GC Semivolatile Pesticide

Organochlorine Pesticides and Chlorinated Hydrocarbons

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification (CCV) Requirements
Calibration verification standards (ICV or CCV) requirements have not been met for samples in this batch in this SDG. One or more target analytes failed acceptance criteria with a positive bias in the standards bracketing the samples in this SDG. These target analytes were not detected above the PQL in the associated environmental samples; therefore, the non-compliance had no adverse effect on the data.

Quality Control (QC) Information

MS/MSD Relative Percent Difference (RPD) Statement
SEE prep log ms 1000 ml used and ms says 100 ml used

Sample	Analyte	Value
1206130221MS and 1206130222MSD (B4MF94)	4, 4'-DDD, 4, 4'-DDE, 4, 4'-DDT, Aldrin, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde	RPD 165* (0%-30%)
	Endrin ketone	RPD 164* (0%-30%)
	Heptachlor, Heptachlor epoxide, Methoxychlor, alpha-BHC, beta-BHC, cis-Chlordane, delta-BHC, gamma-BHC (Lindane) and trans-Chlordane	RPD 165* (0%-30%)

Technical Information

Florisil
Florisil clean-up was not performed on client and quality control samples in this batch.

GC Semivolatile PCB

Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Manual integrations
Samples 1206130974 (MB), 1206130975 (LCS), 1206130976 (B4MFB6MS), 1206130977 (B4MFB6MSD), 727382001 (B4MF94), 727382002 (B4MF96), 727382003 (B4MF97), 727382004 (B4MF99) and 727382005 (B4MFB1) required manual integration to correctly position the baseline as set in the calibration standard injections and to properly identify one or more peaks.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Chain of Custody and Supporting Documentation

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 727382

C.O.C. # **W25-006-250**

PAGE 1 OF 1

Collector:	Jordan Fluharty/CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 -143-82	**Ice Chest No.:**	GWS-267
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	881775815085
Protocol:	RCRA	**Priority:**	**30 Days**	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MF94	N	W	6-4-25	0835	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MF94	N	W	6-4-25	0835	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C
B4MF94	N	W	6-4-25	0835	4x1-L aG	8270_SVOA_GCMS_IX: COMMON REV 1	7/40 Days	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JUN 04 2025 0927	Janelle Zunker CPCC		JUN 04 2025 0927
Janelle Zunker CPCC		JUN 04 2025 1400	FEDEX		
FedEx			Stacy Boone		JUN 05 2025 915
			Stacy Boone		

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

Printed On 4/1/2025 **FSR ID = FSR156928** Report Format: 02/29/2024

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Central Plateau Cleanup Company

85 LB

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

727382

C.O.C. # **W25-006-252**

PAGE 1 OF 1

Collector:	Jordan Fluharty/CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 -143-82	**Ice Chest No.:**	GWS-308
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	881780622253
Protocol:	RCRA	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

SDG: GEL727382

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MF96	N	W	6-4-25	1132	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MF96	N	W	6-4-25	1132	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JUN 04 2025 1205	Dave Stephenson/CPCCo		JUN 04 2025 1205
Dave Stephenson/CPCCo		JUN 04 2025 1400	FEDEX		
		FedEx	Stacy Boone	Stacy Boone	JUN 05 2025 915

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

727382

C.O.C. # **W25-006-253**

PAGE 1 OF 1

Collector:	Jordan Fluharty/CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 - 143-87	**Ice Chest No.:**	GWS-900
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	881780867162
Protocol:	RCRA	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MF97	N	W	6-4-25	0645	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MF97	N	W	6-4-25	0645	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JUN 04 2025 1205	Dave Stephenson/CPCCo		JUN 04 2025 1205
Dave Stephenson/CPCCo		JUN 04 2025 1400	FEDEX		JUN 05 2025 915
		FedEx	Stacy Boone	Stacy Boone	

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

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Report Format: 02/29/2024

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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 727382

C.O.C. # **W25-006-255**

PAGE 1 OF 1

Collector:	Jordan Fluharty/CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 -143-82	**Ice Chest No.:**	~~GWS-767~~ GWS-797
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	8817762072 16
Protocol:	RCRA	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MF99	N	W	6-4-25	0756	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MF99	N	W	6-4-25	0756	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JUN 04 2025 0827	Jamelle Zunker CPCC		JUN 04 2025 0827
Jamelle Zunker CPCC		JUN 04 2025 1410 FedEx	Stacy Boone Stacy Boone		FEDEX JUN 05 2025 915

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION | Disposal Method (e.g., Return to customer, per lab procedure, used in process): | Disposed By: | Date/Time:

Central Plateau Cleanup Company

89 LBS

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 727382

C.O.C. # **W25-006-257**

PAGE 1 OF 1

Collector:	Jordan Fluharty/CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 -14382	**Ice Chest No.:**	GWS-140
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	881779559508
Protocol:	RCRA	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

SDG: GEL727382

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MFB1	N	W	6-4-25	1037	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MFB1	N	W	6-4-25	1037	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C
B4MFB1	N	W	6-4-25	1037	4x1-L aG	8270_SVOA_GCMS_IX: COMMON REV 1	7/40 Days	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JUN 04 2025 1112	Janelle Zunker CPCC		JUN 04 2025 1112
Janelle Zunker CPCC		JUN 04 2025 1450 FedEx	FEDEX Stacy Boone Stacy Boone		JUN 05 2025 915

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION | Disposal Method (e.g., Return to customer, per lab procedure, used in process): | Disposed By: | Date/Time:

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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 727382

C.O.C. # **W25-006-258**

PAGE 1 OF 1

Collector:	Jordan Fluharty/CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 -143-82	**Ice Chest No.:**	GWS 140
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	881779559508
Protocol:	RCRA	**Priority:**	**30 Days**	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

SDG: GEL727382

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MFB2	N	W	6-4-25	1037	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MFB2	N	W	6-4-25	1037	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C
B4MFB2	N	W	6-4-25	1037	4x1-L aG	8270_SVOA_GCMS_IX: COMMON REV 1	7/40 Days	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JUN 04 2025 1112	Janelle Zunker CPCC		JUN 04 2025 1112
Janelle Zunker CPCC		JUN 04 2025 1400	FEDEX		
FedEx			Stacy Boone		JUN 05 2025 0915
			Stacy Boone		

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

Printed On 4/1/2025 **FSR ID = FSR156920**

Report Format: 02/29/2024

GEL727382 July 3, 2025 Rev. 0

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

727382 #95

C.O.C. # **W25-006-261**

PAGE 1 OF 1

Collector:	Mike Esparza / CPCC	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	W25-006	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	RCRA, June 2025	**Logbook No.:**	HNF-N-506 1415	**Ice Chest No.:**	GWS-927
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	881769453344
Protocol:	RCRA	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS

N/A

SDG: GEL727382

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4MFB7	N	W	JUN 0 3 2025	1123	3x1-L aG	8081_PEST_GC: COMMON; 8081_PEST_GC: CH 01	7/40 Days	Cool <=6C
B4MFB7	N	W	↓	↓	3x250-mL aG	8082_PCB_GC: COMMON	None	Cool <=6C
B4MFB7	N	W	JUN 0 3 2025	1123	4x1-L aG	8270_SVOA_GCMS_IX: COMMON REV 1	7/40 Days	Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Mike Esparza / CPCC		JUN 0 3 2025 1205	Janelle Zunker CPCC		JUN 0 3 2025 1205
Janelle Zunker SSU-1 CPCC		JUN 0 3 2025 1210	SSU-1		JUN 0 3 2025 1210
		JUN 0 4 2025 0700	Lorin Kelly CPCC		JUN 0 4 2025 0700
Lorin Kelly CPCC		JUN 0 4 2025 1400	FEDEX		
		FedEx	Stacy Boone		JUN 0 5 2025 915

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

Printed On 4/1/2025 **FSR ID =** FSR156941 Report Format: 02/29/2024

GEL727382 July 3, 2025 Rev. 0

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: CPRC | SDG/AR/COC/Work Order: 727382 | GEL PM: HS

Received By: STACY BOONE | Date Received at GEL: 5-JUNE-25

Courier (Circle if applicable): (FedEx Express) FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR4-24 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
8817 8062 2253	1c		8817 6945 3344	1c	
8086 7162	1c				
7581 5085	1c				
7620 7216	1c				
7955 9508	1c				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A) Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?	✓		COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?	✓		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): ___ (CPM) mR/Hr. Classified as: (Rad 1) Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials WWS Date 6/16/25

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

Data Review Qualifier Definitions

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 (843) 556-8171

Project Specific Qualifier Definitions for GEL Client Code: CPRC

Qualifier	Qualifier Definition	Department	Fraction
U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.		
J	Value is estimated		
P	Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.	Organics	
C	Analyte has been confirmed by GC/MS analysis	Organics	Pesticide
B	The target analyte was detected in the associated blank.	Organics	
E	Concentration of the target analyte exceeds the instrument calibration range	Organics	
A	The TIC is a suspected aldol-condensation product	Organics	Semi-Volatile
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
N	Metals--The Matrix spike sample recovery is not within specified control limits	Inorganics	
*	A quality control analyte recovery is outside of specified acceptance criteria		
N	Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor	Organics	Semi-Volatile
H	Analytical holding time was exceeded		
**	Analyte is a surrogate compound	Organics	
<	Result is less than value reported		
>	Result is greater than value reported		
UI	Gamma Spectroscopy--Uncertain identification	Radiological	
BD	Results are either below the MDC or tracer recovery is low	Radiological	
h	Preparation or preservation holding time was exceeded		
R	Sample results are rejected		
Z	Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.	General Chemistry	General Chem
d	5-day BOD--The 2:1 depletion requirement was not met for this sample	General Chemistry	
B	Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL	Inorganics	Metals
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.		
D	Results are reported from a diluted aliquot of the sample	Organics	
N/A	RPD or %Recovery limits do not apply.		
ND	Analyte concentration is not detected above the detection limit		
E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria	Inorganics	Metals
M	M if above MDC and less than LLD	Radiological	
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
FA	Failed analysis.	Radiological	Bioassay
E	General Chemistry--Concentration of the target analyte exceeds the instrument calibration range	General Chemistry	General Chem
JNX	Non Calibrated Compound	Organics	Volatile
UJ	Compound cannot be extracted	Organics	Semi-Volatile

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 (843) 556-8171

Project Specific Qualifier Definitions for GEL Client Code: CPRC

Qualifier	Qualifier Definition	Department	Fraction
UJ	Gamma Spectroscopy--Uncertain identification	Radiological	Rad
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.		
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.	Radiological	
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.	Radiological	
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.	Radiological	
FB	Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies	Inorganics	Metals
N1	See case narrative		
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.	Inorganics	
Y	QC Samples were not spiked with this compound	Organics	
R	Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.	General Chemistry	General Chem
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.	Radiological	Rad
**	Analyte is a Tracer compound	Radiological	
B	The target analyte was detected in the associated blank.	General Chemistry	
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor	Organics	Volatile
e	5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes	General Chemistry	General Chem
M	REMP Result > MDC/CL and < RDL	Radiological	
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.	Organics	LC-MS/MS
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier	Organics	LC-MS/MS
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier	Organics	LC-MS/MS
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier	Organics	LC-MS/MS
x	Subaliquot was taken. See Case Narrative for details.		

Laboratory Certifications

List of current GEL Certifications as of 20 June 2025

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Semi-Volatile Analysis

Case Narrative

GC/MS Semivolatile
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL727382
Work Order #: 727382

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 52
Analytical Batch: 2810080

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 36
Preparation Batch: 2810078

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
727382007	B4MFB7
1206132965	Method Blank (MB)
1206132966	Laboratory Control Sample (LCS)
1206132967	727126001(B4MD44) Matrix Spike (MS)
1206132968	727126001(B4MD44) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206132966 (LCS)	1, 4-Dioxane	36* (39%-68%)

Spike Recovery Statement
The MS or MSD (See Below) spike recoveries were not within the acceptance limits. The associated MS or MSD passed recoveries, as did the LCS. It appears that the low spike recoveries were isolated to the MS or MSD only and were the result of a poor extraction.

Sample	Analyte	Value
1206132968 (B4MD44MSD)	2, 3, 4, 6-Tetrachlorophenol	30* (39%-129%)
	2, 4, 5-Trichlorophenol	38* (40%-126%)

	2, 4, 6-Trichlorophenol	31* (39%-128%)
	2, 6-Dichlorophenol	32* (39%-120%)
	2-Methyl-4, 6-dinitrophenol	24* (28%-146%)
	4-Chloroaniline	9* (34%-120%)
	4-Nitrophenol	9* (19%-94%)
	Aniline	14* (29%-109%)
	m-Nitroaniline	32* (34%-135%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206132967MS and 1206132968MSD (B4MD44)	1, 4-Dioxane	RPD 49* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 82* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 65* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 80* (0%-30%)
	2, 4-Dichlorophenol	RPD 46* (0%-30%)
	2, 4-Dinitrophenol	RPD 94* (0%-30%)
	2, 6-Dichlorophenol	RPD 76* (0%-30%)
	2-Chlorophenol	RPD 44* (0%-30%)
	2-Methyl-4, 6-dinitrophenol	RPD 98* (0%-30%)
	2-Nitrophenol	RPD 53* (0%-30%)
	4-Chloroaniline	RPD 153* (0%-30%)
	4-Nitrophenol	RPD 137* (0%-30%)
	Aniline	RPD 120* (0%-30%)
	Benzyl alcohol	RPD 51* (0%-30%)
	N-Methyl-N-nitrosomethylamine	RPD 50* (0%-30%)
	N-Nitrosopyrrolidine	RPD 46* (0%-30%)
	Pentachlorophenol	RPD 85* (0%-30%)
	Phenol	RPD 57* (0%-30%)
	m, p-Cresols	RPD 40* (0%-30%)
	m-Nitroaniline	RPD 80* (0%-30%)
	o-Cresol	RPD 38* (0%-30%)

Miscellaneous Information

Additional Comments
The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

Some target compounds were not included in the LCS/LCSD and/or MS/MSD in this batch. A representative list of compounds were spiked and monitored. The lab is in the process of acquiring additional standards in order to fortify the LCS/LCSD and/or MS/MSD with all requested target compounds. 727382007 (B4MFB7).

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 52
Analytical Batch: 2810498

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 36
Preparation Batch: 2810493

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
727382001	B4MF94
727382005	B4MFB1
727382006	B4MFB2
1206133923	Method Blank (MB)
1206133924	Laboratory Control Sample (LCS)
1206133927	727372005(B4MD65) Matrix Spike (MS)
1206133928	727372005(B4MD65) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery

The LCS (See Below) spike recoveries were slightly below the spike recovery acceptance limits. There were four MS/MSD pairs extracted and analyzed with the LCS. Three pairs met all spike recovery acceptance criteria. One MS/MSD pair had failures that were attributed to matrix interference. The daily CCVs were well within response criteria for all requested analytes. The data were reported.

Sample	Analyte	Value
1206133924 (LCS)	1, 4-Dioxane	25* (39%-68%)
	2, 4-Dimethylphenol	32* (42%-91%)
	2-Chlorophenol	36* (40%-102%)
	2-Nitrophenol	42* (44%-117%)
	4-Nitrophenol	15* (19%-94%)

	Aniline	35* (38%-93%)
	Benzo(a)pyrene	45* (49%-120%)
	Benzo(k)fluoranthene	47* (49%-120%)
	Chrysene	51* (52%-122%)
	Di-n-octylphthalate	42* (45%-128%)
	Hexachlorocyclopentadiene	27* (32%-85%)
	Indeno(1, 2, 3-cd)pyrene	43* (46%-123%)
	N-Methyl-N-nitrosomethylamine	27* (33%-79%)
	N-Nitrosopyrrolidine	39* (41%-114%)
	Nitrobenzene	44* (47%-110%)
	Pyridine	23* (28%-79%)
	m, p-Cresols	31* (36%-90%)
	o-Cresol	32* (36%-98%)
	o-Nitroaniline	48* (51%-127%)

Miscellaneous Information

Additional Comments

The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

Some target compounds were not included in the LCS/LCSD and/or MS/MSD in this batch. A representative list of compounds were spiked and monitored. The lab is in the process of acquiring additional standards in order to fortify the LCS/LCSD and/or MS/MSD with all requested target compounds. 727382001 (B4MF94), 727382005 (B4MFB1) and 727382006 (B4MFB2).

Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL727382 GEL Work Order: 727382

The Qualifiers in this report are defined as follows:

J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated
O Analyte failed to recover within LCS limits (0rganics only)
T Spike and/or spike duplicate sample recovery is outside control limits.
U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

DL Indicates that sample is diluted.
RA Indicates that sample is re-analyzed without re-extraction.
RE Indicates that sample is re-extracted.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: **Name: Barbara Bailey**

Date: 25 JUN 2025 **Title: Data Validator**

Sample Data Summary

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 08:35**	**Matrix:**	**WATER**
Lab Sample ID:	**727382001**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MF94**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 21:47**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1036.45 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1118.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
62-75-9	N-Methyl-N-nitrosomethylamine	OU	2.89	ug/L	2.89	9.65
110-86-1	Pyridine	OU	2.89	ug/L	2.89	9.65
62-53-3	Aniline	OU	4.05	ug/L	4.05	9.65
108-95-2	Phenol	U	2.89	ug/L	2.89	9.65
111-44-4	bis(2-Chloroethyl) ether	U	2.89	ug/L	2.89	9.65
95-57-8	2-Chlorophenol	OU	2.89	ug/L	2.89	9.65
541-73-1	1,3-Dichlorobenzene	U	2.89	ug/L	2.89	9.65
106-46-7	1,4-Dichlorobenzene	U	2.89	ug/L	2.89	9.65
95-50-1	1,2-Dichlorobenzene	U	2.89	ug/L	2.89	9.65
108-60-1	bis(2-Chloro-1-methylethyl)ether	U	2.89	ug/L	2.89	9.65
100-51-6	Benzyl alcohol	U	2.89	ug/L	2.89	9.65
95-48-7	o-Cresol	OU	2.89	ug/L	2.89	9.65
65794-96-9	m,p-Cresols	OU	3.57	ug/L	3.57	9.65
621-64-7	N-Nitrosodipropylamine	U	2.89	ug/L	2.89	9.65
67-72-1	Hexachloroethane	U	2.89	ug/L	2.89	9.65
98-95-3	Nitrobenzene	OU	2.89	ug/L	2.89	9.65
78-59-1	Isophorone	U	3.38	ug/L	3.38	9.65
88-75-5	2-Nitrophenol	OU	2.89	ug/L	2.89	9.65
105-67-9	2,4-Dimethylphenol	OU	2.89	ug/L	2.89	9.65
111-91-1	bis(2-Chloroethoxy)methane	U	2.89	ug/L	2.89	9.65
120-83-2	2,4-Dichlorophenol	U	2.89	ug/L	2.89	9.65
106-47-8	4-Chloroaniline	U	3.18	ug/L	3.18	9.65
87-68-3	Hexachlorobutadiene	U	2.89	ug/L	2.89	9.65
59-50-7	4-Chloro-3-methylphenol	U	2.89	ug/L	2.89	9.65
91-57-6	2-Methylnaphthalene	U	0.289	ug/L	0.289	0.965
91-20-3	Naphthalene	U	0.289	ug/L	0.289	0.965
77-47-4	Hexachlorocyclopentadiene	OU	2.89	ug/L	2.89	9.65
88-06-2	2,4,6-Trichlorophenol	U	2.89	ug/L	2.89	9.65
95-95-4	2,4,5-Trichlorophenol	U	2.89	ug/L	2.89	9.65
91-58-7	2-Chloronaphthalene	U	0.396	ug/L	0.396	0.965
88-74-4	o-Nitroaniline	OU	2.89	ug/L	2.89	9.65
99-09-2	m-Nitroaniline	U	2.89	ug/L	2.89	9.65
131-11-3	Dimethylphthalate	U	0.289	ug/L	0.289	0.965
99-65-0	m-Dinitrobenzene	U	2.89	ug/L	2.89	9.65
606-20-2	2,6-Dinitrotoluene	U	2.89	ug/L	2.89	9.65
121-14-2	2,4-Dinitrotoluene	U	2.89	ug/L	2.89	9.65
208-96-8	Acenaphthylene	U	0.289	ug/L	0.289	0.965
83-32-9	Acenaphthene	U	0.289	ug/L	0.289	0.965

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 08:35**	**Matrix:**	**WATER**
Lab Sample ID:	**727382001**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MF94**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 21:47**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1036.45 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1118.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
51-28-5	2,4-Dinitrophenol	U	4.82	ug/L	4.82	19.3
132-64-9	Dibenzofuran	U	2.89	ug/L	2.89	9.65
58-90-2	2,3,4,6-Tetrachlorophenol	U	2.89	ug/L	2.89	9.65
84-66-2	Diethylphthalate	U	0.289	ug/L	0.289	0.965
100-02-7	4-Nitrophenol	OU	2.89	ug/L	2.89	9.65
86-73-7	Fluorene	U	0.289	ug/L	0.289	0.965
7005-72-3	4-Chlorophenylphenylether	U	2.89	ug/L	2.89	9.65
100-01-6	p-Nitroaniline	U	2.89	ug/L	2.89	9.65
534-52-1	2-Methyl-4,6-dinitrophenol	U	2.89	ug/L	2.89	9.65
DPA+NNDPA	diphenylamine+N-nitrosodiphenylamine	U	2.89	ug/L	2.89	9.65
122-39-4	*Diphenylamine*					
101-55-3	4-Bromophenylphenylether	U	2.89	ug/L	2.89	9.65
118-74-1	Hexachlorobenzene	U	2.89	ug/L	2.89	9.65
87-86-5	Pentachlorophenol	U	2.89	ug/L	2.89	9.65
88-85-7	Dinoseb	U	2.89	ug/L	2.89	9.65
85-01-8	Phenanthrene	U	0.289	ug/L	0.289	0.965
120-12-7	Anthracene	U	0.289	ug/L	0.289	0.965
86-74-8	Carbazole	U	0.289	ug/L	0.289	0.965
84-74-2	Di-n-butylphthalate	U	0.289	ug/L	0.289	0.965
206-44-0	Fluoranthene	U	0.289	ug/L	0.289	0.965
129-00-0	Pyrene	U	0.289	ug/L	0.289	0.965
85-68-7	Butylbenzylphthalate	U	0.289	ug/L	0.289	0.965
117-81-7	bis(2-Ethylhexyl)phthalate	U	0.289	ug/L	0.289	0.965
56-55-3	Benzo(a)anthracene	U	0.289	ug/L	0.289	0.965
218-01-9	Chrysene	OU	0.289	ug/L	0.289	0.965
117-84-0	Di-n-octylphthalate	OU	0.289	ug/L	0.289	0.965
205-99-2	Benzo(b)fluoranthene	U	0.289	ug/L	0.289	0.965
207-08-9	Benzo(k)fluoranthene	OU	0.289	ug/L	0.289	0.965
50-32-8	Benzo(a)pyrene	OU	0.289	ug/L	0.289	0.965
193-39-5	Indeno(1,2,3-cd)pyrene	OU	0.289	ug/L	0.289	0.965
53-70-3	Dibenzo(a,h)anthracene	U	0.289	ug/L	0.289	0.965
191-24-2	Benzo(ghi)perylene	U	0.289	ug/L	0.289	0.965
123-91-1	1,4-Dioxane	OU	2.89	ug/L	2.89	9.65
109-06-8	2-Picoline	U	2.89	ug/L	2.89	9.65
10595-95-6	N-Nitrosomethylethylamine	U	2.89	ug/L	2.89	9.65
66-27-3	Methyl methanesulfonate	U	2.89	ug/L	2.89	9.65
55-18-5	N-Nitrosodiethylamine	U	2.89	ug/L	2.89	9.65
62-50-0	Ethyl Methanesulfonate	U	2.89	ug/L	2.89	9.65
76-01-7	Pentachloroethane	U	2.89	ug/L	2.89	9.65

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 08:35**	**Matrix:**	**WATER**
Lab Sample ID:	**727382001**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MF94**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 21:47**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1036.45 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1118.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
930-55-2	N-Nitrosopyrrolidine	OU	2.89	ug/L	2.89	9.65
98-86-2	Acetophenone	U	2.89	ug/L	2.89	9.65
59-89-2	N-Nitrosomorpholine	U	2.89	ug/L	2.89	9.65
95-53-4	o-Toluidine	U	2.89	ug/L	2.89	9.65
100-75-4	N-Nitrosopiperidine	U	2.89	ug/L	2.89	9.65
122-09-8	a,a-Dimethylphenethylamine	U	2.89	ug/L	2.89	9.65
87-65-0	2,6-Dichlorophenol	U	2.89	ug/L	2.89	9.65
1888-71-7	Hexachloropropene	U	2.89	ug/L	2.89	9.65
924-16-3	N-Nitrosodi-n-butylamine	U	2.89	ug/L	2.89	9.65
94-59-7	Safrole	U	2.89	ug/L	2.89	9.65
95-94-3	1,2,4,5-Tetrachlorobenzene	U	2.89	ug/L	2.89	9.65
120-58-1	Isosafrole	U	2.89	ug/L	2.89	9.65
130-15-4	1,4-Naphthoquinone	U	2.89	ug/L	2.89	9.65
608-93-5	Pentachlorobenzene	U	2.89	ug/L	2.89	9.65
134-32-7	1-Naphthylamine	U	2.89	ug/L	2.89	9.65
91-59-8	2-Naphthylamine	U	2.89	ug/L	2.89	9.65
99-55-8	5-Nitro-o-toluidine	U	2.89	ug/L	2.89	9.65
62-44-2	Phenacetin	U	2.89	ug/L	2.89	9.65
99-35-4	1,3,5-Trinitrobenzene	U	2.89	ug/L	2.89	9.65
2303-16-4	Diallate	U	2.89	ug/L	2.89	9.65
92-67-1	4-Aminobiphenyl	U	2.89	ug/L	2.89	9.65
82-68-8	Pentachloronitrobenzene	U	3.28	ug/L	3.28	9.65
23950-58-5	Pronamide	U	2.89	ug/L	2.89	9.65
56-57-5	4-Nitroquinoline-1-oxide	U	3.67	ug/L	3.67	9.65
91-80-5	Methapyrilene	U	2.89	ug/L	2.89	9.65
465-73-6	Isodrin	U	2.89	ug/L	2.89	9.65
140-57-8	Aramite	U	3.57	ug/L	3.57	9.65
143-50-0	Kepone	U	2.89	ug/L	2.89	9.65
60-11-7	p-(Dimethylamino)azobenzene	U	2.89	ug/L	2.89	9.65
510-15-6	Chlorobenzilate	U	2.89	ug/L	2.89	9.65
119-93-7	3,3'-Dimethylbenzidine	U	3.18	ug/L	3.18	9.65
53-96-3	2-Acetylaminofluorene	U	2.89	ug/L	2.89	9.65
91-94-1	3,3'-Dichlorobenzidine	U	2.89	ug/L	2.89	9.65
57-97-6	7,12-Dimethylbenz(a)anthracene	U	2.89	ug/L	2.89	9.65
56-49-5	3-Methylcholanthrene	U	2.89	ug/L	2.89	9.65
126-68-1	Triethylphosphorothioate	U	2.89	ug/L	2.89	9.65
297-97-2	Thionazin	U	2.89	ug/L	2.89	9.65
126-73-8	Tributylphosphate	U	2.89	ug/L	2.89	9.65

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 08:35	**Matrix:**	WATER
Lab Sample ID:	727382001	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MF94	**Method:**	SW846 3510C/8270E	**SOP Ref:**	GL-OA-E-009
Batch ID:	2810498	**Inst:**	MSD4.I	**Dilution:**	1
Run Date:	06/11/2025 21:47	**Analyst:**	NM1	**Inj. Vol:**	1 uL
Prep Date:	06/11/2025 11:29	**Aliquot:**	1036.45 mL	**Final Volume:**	1 mL
Data File:	data\S061125\s4F1118.D	**Column:**	DB-5ms		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
3689-24-5	Sulfotepp	U	2.89	ug/L	2.89	9.65
298-02-2	Phorate	U	2.89	ug/L	2.89	9.65
60-51-5	Dimethoate	U	2.89	ug/L	2.89	9.65
298-04-4	Disulfoton	U	2.89	ug/L	2.89	9.65
298-00-0	Methyl parathion	U	2.89	ug/L	2.89	9.65
56-38-2	Parathion	U	2.89	ug/L	2.89	9.65
52-85-7	Famphur	U	4.82	ug/L	4.82	9.65
106-50-3	p-Phenylenediamine	U	96.5	ug/L	96.5	482
70-30-4	Hexachlorophene	U	161	ug/L	161	482
120-82-1	1,2,4-Trichlorobenzene	U	2.89	ug/L	2.89	9.65

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 10:37**	**Matrix:**	**WATER**
Lab Sample ID:	**727382005**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB1**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 22:10**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1027.61 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1119.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
62-75-9	N-Methyl-N-nitrosomethylamine	OU	2.92	ug/L	2.92	9.73
110-86-1	Pyridine	OU	2.92	ug/L	2.92	9.73
62-53-3	Aniline	OU	4.09	ug/L	4.09	9.73
108-95-2	Phenol	U	2.92	ug/L	2.92	9.73
111-44-4	bis(2-Chloroethyl) ether	U	2.92	ug/L	2.92	9.73
95-57-8	2-Chlorophenol	OU	2.92	ug/L	2.92	9.73
541-73-1	1,3-Dichlorobenzene	U	2.92	ug/L	2.92	9.73
106-46-7	1,4-Dichlorobenzene	U	2.92	ug/L	2.92	9.73
95-50-1	1,2-Dichlorobenzene	U	2.92	ug/L	2.92	9.73
108-60-1	bis(2-Chloro-1-methylethyl)ether	U	2.92	ug/L	2.92	9.73
100-51-6	Benzyl alcohol	U	2.92	ug/L	2.92	9.73
95-48-7	o-Cresol	OU	2.92	ug/L	2.92	9.73
65794-96-9	m,p-Cresols	OU	3.60	ug/L	3.60	9.73
621-64-7	N-Nitrosodipropylamine	U	2.92	ug/L	2.92	9.73
67-72-1	Hexachloroethane	U	2.92	ug/L	2.92	9.73
98-95-3	Nitrobenzene	OU	2.92	ug/L	2.92	9.73
78-59-1	Isophorone	U	3.41	ug/L	3.41	9.73
88-75-5	2-Nitrophenol	OU	2.92	ug/L	2.92	9.73
105-67-9	2,4-Dimethylphenol	OU	2.92	ug/L	2.92	9.73
111-91-1	bis(2-Chloroethoxy)methane	U	2.92	ug/L	2.92	9.73
120-83-2	2,4-Dichlorophenol	U	2.92	ug/L	2.92	9.73
106-47-8	4-Chloroaniline	U	3.21	ug/L	3.21	9.73
87-68-3	Hexachlorobutadiene	U	2.92	ug/L	2.92	9.73
59-50-7	4-Chloro-3-methylphenol	U	2.92	ug/L	2.92	9.73
91-57-6	2-Methylnaphthalene	U	0.292	ug/L	0.292	0.973
91-20-3	Naphthalene	U	0.292	ug/L	0.292	0.973
77-47-4	Hexachlorocyclopentadiene	OU	2.92	ug/L	2.92	9.73
88-06-2	2,4,6-Trichlorophenol	U	2.92	ug/L	2.92	9.73
95-95-4	2,4,5-Trichlorophenol	U	2.92	ug/L	2.92	9.73
91-58-7	2-Chloronaphthalene	U	0.399	ug/L	0.399	0.973
88-74-4	o-Nitroaniline	OU	2.92	ug/L	2.92	9.73
99-09-2	m-Nitroaniline	U	2.92	ug/L	2.92	9.73
131-11-3	Dimethylphthalate	U	0.292	ug/L	0.292	0.973
99-65-0	m-Dinitrobenzene	U	2.92	ug/L	2.92	9.73
606-20-2	2,6-Dinitrotoluene	U	2.92	ug/L	2.92	9.73
121-14-2	2,4-Dinitrotoluene	U	2.92	ug/L	2.92	9.73
208-96-8	Acenaphthylene	U	0.292	ug/L	0.292	0.973
83-32-9	Acenaphthene	U	0.292	ug/L	0.292	0.973

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 10:37**	**Matrix:**	**WATER**
Lab Sample ID:	**727382005**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB1**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 22:10**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1027.61 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1119.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
51-28-5	2,4-Dinitrophenol	U	4.87	ug/L	4.87	19.5
132-64-9	Dibenzofuran	U	2.92	ug/L	2.92	9.73
58-90-2	2,3,4,6-Tetrachlorophenol	U	2.92	ug/L	2.92	9.73
84-66-2	Diethylphthalate	U	0.292	ug/L	0.292	0.973
100-02-7	4-Nitrophenol	OU	2.92	ug/L	2.92	9.73
86-73-7	Fluorene	U	0.292	ug/L	0.292	0.973
7005-72-3	4-Chlorophenylphenylether	U	2.92	ug/L	2.92	9.73
100-01-6	p-Nitroaniline	U	2.92	ug/L	2.92	9.73
534-52-1	2-Methyl-4,6-dinitrophenol	U	2.92	ug/L	2.92	9.73
DPA+NNDPA	diphenylamine+N-nitrosodiphenylamine	U	2.92	ug/L	2.92	9.73
122-39-4	*Diphenylamine*					
101-55-3	4-Bromophenylphenylether	U	2.92	ug/L	2.92	9.73
118-74-1	Hexachlorobenzene	U	2.92	ug/L	2.92	9.73
87-86-5	Pentachlorophenol	U	2.92	ug/L	2.92	9.73
88-85-7	Dinoseb	U	2.92	ug/L	2.92	9.73
85-01-8	Phenanthrene	U	0.292	ug/L	0.292	0.973
120-12-7	Anthracene	U	0.292	ug/L	0.292	0.973
86-74-8	Carbazole	U	0.292	ug/L	0.292	0.973
84-74-2	Di-n-butylphthalate	U	0.292	ug/L	0.292	0.973
206-44-0	Fluoranthene	U	0.292	ug/L	0.292	0.973
129-00-0	Pyrene	U	0.292	ug/L	0.292	0.973
85-68-7	Butylbenzylphthalate	U	0.292	ug/L	0.292	0.973
117-81-7	bis(2-Ethylhexyl)phthalate	U	0.292	ug/L	0.292	0.973
56-55-3	Benzo(a)anthracene	U	0.292	ug/L	0.292	0.973
218-01-9	Chrysene	OU	0.292	ug/L	0.292	0.973
117-84-0	Di-n-octylphthalate	OU	0.292	ug/L	0.292	0.973
205-99-2	Benzo(b)fluoranthene	U	0.292	ug/L	0.292	0.973
207-08-9	Benzo(k)fluoranthene	OU	0.292	ug/L	0.292	0.973
50-32-8	Benzo(a)pyrene	OU	0.292	ug/L	0.292	0.973
193-39-5	Indeno(1,2,3-cd)pyrene	OU	0.292	ug/L	0.292	0.973
53-70-3	Dibenzo(a,h)anthracene	U	0.292	ug/L	0.292	0.973
191-24-2	Benzo(ghi)perylene	U	0.292	ug/L	0.292	0.973
123-91-1	1,4-Dioxane	OU	2.92	ug/L	2.92	9.73
109-06-8	2-Picoline	U	2.92	ug/L	2.92	9.73
10595-95-6	N-Nitrosomethylethylamine	U	2.92	ug/L	2.92	9.73
66-27-3	Methyl methanesulfonate	U	2.92	ug/L	2.92	9.73
55-18-5	N-Nitrosodiethylamine	U	2.92	ug/L	2.92	9.73
62-50-0	Ethyl Methanesulfonate	U	2.92	ug/L	2.92	9.73
76-01-7	Pentachloroethane	U	2.92	ug/L	2.92	9.73

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 10:37	**Matrix:**	WATER
Lab Sample ID:	727382005	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB1	**Method:**	SW846 3510C/8270E	**SOP Ref:**	GL-OA-E-009
Batch ID:	2810498	**Inst:**	MSD4.I	**Dilution:**	1
Run Date:	06/11/2025 22:10	**Analyst:**	NM1	**Inj. Vol:**	1 uL
Prep Date:	06/11/2025 11:29	**Aliquot:**	1027.61 mL	**Final Volume:**	1 mL
Data File:	data\S061125\s4F1119.D	**Column:**	DB-5ms		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
930-55-2	N-Nitrosopyrrolidine	OU	2.92	ug/L	2.92	9.73
98-86-2	Acetophenone	U	2.92	ug/L	2.92	9.73
59-89-2	N-Nitrosomorpholine	U	2.92	ug/L	2.92	9.73
95-53-4	o-Toluidine	U	2.92	ug/L	2.92	9.73
100-75-4	N-Nitrosopiperidine	U	2.92	ug/L	2.92	9.73
122-09-8	a,a-Dimethylphenethylamine	U	2.92	ug/L	2.92	9.73
87-65-0	2,6-Dichlorophenol	U	2.92	ug/L	2.92	9.73
1888-71-7	Hexachloropropene	U	2.92	ug/L	2.92	9.73
924-16-3	N-Nitrosodi-n-butylamine	U	2.92	ug/L	2.92	9.73
94-59-7	Safrole	U	2.92	ug/L	2.92	9.73
95-94-3	1,2,4,5-Tetrachlorobenzene	U	2.92	ug/L	2.92	9.73
120-58-1	Isosafrole	U	2.92	ug/L	2.92	9.73
130-15-4	1,4-Naphthoquinone	U	2.92	ug/L	2.92	9.73
608-93-5	Pentachlorobenzene	U	2.92	ug/L	2.92	9.73
134-32-7	1-Naphthylamine	U	2.92	ug/L	2.92	9.73
91-59-8	2-Naphthylamine	U	2.92	ug/L	2.92	9.73
99-55-8	5-Nitro-o-toluidine	U	2.92	ug/L	2.92	9.73
62-44-2	Phenacetin	U	2.92	ug/L	2.92	9.73
99-35-4	1,3,5-Trinitrobenzene	U	2.92	ug/L	2.92	9.73
2303-16-4	Diallate	U	2.92	ug/L	2.92	9.73
92-67-1	4-Aminobiphenyl	U	2.92	ug/L	2.92	9.73
82-68-8	Pentachloronitrobenzene	U	3.31	ug/L	3.31	9.73
23950-58-5	Pronamide	U	2.92	ug/L	2.92	9.73
56-57-5	4-Nitroquinoline-1-oxide	U	3.70	ug/L	3.70	9.73
91-80-5	Methapyrilene	U	2.92	ug/L	2.92	9.73
465-73-6	Isodrin	U	2.92	ug/L	2.92	9.73
140-57-8	Aramite	U	3.60	ug/L	3.60	9.73
143-50-0	Kepone	U	2.92	ug/L	2.92	9.73
60-11-7	p-(Dimethylamino)azobenzene	U	2.92	ug/L	2.92	9.73
510-15-6	Chlorobenzilate	U	2.92	ug/L	2.92	9.73
119-93-7	3,3'-Dimethylbenzidine	U	3.21	ug/L	3.21	9.73
53-96-3	2-Acetylaminofluorene	U	2.92	ug/L	2.92	9.73
91-94-1	3,3'-Dichlorobenzidine	U	2.92	ug/L	2.92	9.73
57-97-6	7,12-Dimethylbenz(a)anthracene	U	2.92	ug/L	2.92	9.73
56-49-5	3-Methylcholanthrene	U	2.92	ug/L	2.92	9.73
126-68-1	Triethylphosphorothioate	U	2.92	ug/L	2.92	9.73
297-97-2	Thionazin	U	2.92	ug/L	2.92	9.73
126-73-8	Tributylphosphate	U	2.92	ug/L	2.92	9.73

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 10:37**	**Matrix:**	**WATER**
Lab Sample ID:	**727382005**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB1**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 22:10**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1027.61 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1119.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
3689-24-5	Sulfotepp	U	2.92	ug/L	2.92	9.73
298-02-2	Phorate	U	2.92	ug/L	2.92	9.73
60-51-5	Dimethoate	U	2.92	ug/L	2.92	9.73
298-04-4	Disulfoton	U	2.92	ug/L	2.92	9.73
298-00-0	Methyl parathion	U	2.92	ug/L	2.92	9.73
56-38-2	Parathion	U	2.92	ug/L	2.92	9.73
52-85-7	Famphur	U	4.87	ug/L	4.87	9.73
106-50-3	p-Phenylenediamine	U	97.3	ug/L	97.3	487
70-30-4	Hexachlorophene	U	163	ug/L	163	487
120-82-1	1,2,4-Trichlorobenzene	U	2.92	ug/L	2.92	9.73

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 10:37**	**Matrix:**	**WATER**
Lab Sample ID:	**727382006**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB2**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 22:33**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1035.47 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1120.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
62-75-9	N-Methyl-N-nitrosomethylamine	OU	2.90	ug/L	2.90	9.66
110-86-1	Pyridine	OU	2.90	ug/L	2.90	9.66
62-53-3	Aniline	OU	4.06	ug/L	4.06	9.66
108-95-2	Phenol	U	2.90	ug/L	2.90	9.66
111-44-4	bis(2-Chloroethyl) ether	U	2.90	ug/L	2.90	9.66
95-57-8	2-Chlorophenol	OU	2.90	ug/L	2.90	9.66
541-73-1	1,3-Dichlorobenzene	U	2.90	ug/L	2.90	9.66
106-46-7	1,4-Dichlorobenzene	U	2.90	ug/L	2.90	9.66
95-50-1	1,2-Dichlorobenzene	U	2.90	ug/L	2.90	9.66
108-60-1	bis(2-Chloro-1-methylethyl)ether	U	2.90	ug/L	2.90	9.66
100-51-6	Benzyl alcohol	U	2.90	ug/L	2.90	9.66
95-48-7	o-Cresol	OU	2.90	ug/L	2.90	9.66
65794-96-9	m,p-Cresols	OU	3.57	ug/L	3.57	9.66
621-64-7	N-Nitrosodipropylamine	U	2.90	ug/L	2.90	9.66
67-72-1	Hexachloroethane	U	2.90	ug/L	2.90	9.66
98-95-3	Nitrobenzene	OU	2.90	ug/L	2.90	9.66
78-59-1	Isophorone	U	3.38	ug/L	3.38	9.66
88-75-5	2-Nitrophenol	OU	2.90	ug/L	2.90	9.66
105-67-9	2,4-Dimethylphenol	OU	2.90	ug/L	2.90	9.66
111-91-1	bis(2-Chloroethoxy)methane	U	2.90	ug/L	2.90	9.66
120-83-2	2,4-Dichlorophenol	U	2.90	ug/L	2.90	9.66
106-47-8	4-Chloroaniline	U	3.19	ug/L	3.19	9.66
87-68-3	Hexachlorobutadiene	U	2.90	ug/L	2.90	9.66
59-50-7	4-Chloro-3-methylphenol	U	2.90	ug/L	2.90	9.66
91-57-6	2-Methylnaphthalene	U	0.290	ug/L	0.290	0.966
91-20-3	Naphthalene	U	0.290	ug/L	0.290	0.966
77-47-4	Hexachlorocyclopentadiene	OU	2.90	ug/L	2.90	9.66
88-06-2	2,4,6-Trichlorophenol	U	2.90	ug/L	2.90	9.66
95-95-4	2,4,5-Trichlorophenol	U	2.90	ug/L	2.90	9.66
91-58-7	2-Chloronaphthalene	U	0.396	ug/L	0.396	0.966
88-74-4	o-Nitroaniline	OU	2.90	ug/L	2.90	9.66
99-09-2	m-Nitroaniline	U	2.90	ug/L	2.90	9.66
131-11-3	Dimethylphthalate	U	0.290	ug/L	0.290	0.966
99-65-0	m-Dinitrobenzene	U	2.90	ug/L	2.90	9.66
606-20-2	2,6-Dinitrotoluene	U	2.90	ug/L	2.90	9.66
121-14-2	2,4-Dinitrotoluene	U	2.90	ug/L	2.90	9.66
208-96-8	Acenaphthylene	U	0.290	ug/L	0.290	0.966
83-32-9	Acenaphthene	U	0.290	ug/L	0.290	0.966

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 10:37	**Matrix:**	WATER
Lab Sample ID:	727382006	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB2	**Method:**	SW846 3510C/8270E	**SOP Ref:**	GL-OA-E-009
Batch ID:	2810498	**Inst:**	MSD4.I	**Dilution:**	1
Run Date:	06/11/2025 22:33	**Analyst:**	NM1	**Inj. Vol:**	1 uL
Prep Date:	06/11/2025 11:29	**Aliquot:**	1035.47 mL	**Final Volume:**	1 mL
Data File:	data\S061125\s4F1120.D	**Column:**	DB-5ms		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
51-28-5	2,4-Dinitrophenol	U	4.83	ug/L	4.83	19.3
132-64-9	Dibenzofuran	U	2.90	ug/L	2.90	9.66
58-90-2	2,3,4,6-Tetrachlorophenol	U	2.90	ug/L	2.90	9.66
84-66-2	Diethylphthalate	U	0.290	ug/L	0.290	0.966
100-02-7	4-Nitrophenol	OU	2.90	ug/L	2.90	9.66
86-73-7	Fluorene	U	0.290	ug/L	0.290	0.966
7005-72-3	4-Chlorophenylphenylether	U	2.90	ug/L	2.90	9.66
100-01-6	p-Nitroaniline	U	2.90	ug/L	2.90	9.66
534-52-1	2-Methyl-4,6-dinitrophenol	U	2.90	ug/L	2.90	9.66
DPA+NNDPA	diphenylamine+N-nitrosodiphenylamine	U	2.90	ug/L	2.90	9.66
122-39-4	*Diphenylamine*					
101-55-3	4-Bromophenylphenylether	U	2.90	ug/L	2.90	9.66
118-74-1	Hexachlorobenzene	U	2.90	ug/L	2.90	9.66
87-86-5	Pentachlorophenol	U	2.90	ug/L	2.90	9.66
88-85-7	Dinoseb	U	2.90	ug/L	2.90	9.66
85-01-8	Phenanthrene	U	0.290	ug/L	0.290	0.966
120-12-7	Anthracene	U	0.290	ug/L	0.290	0.966
86-74-8	Carbazole	U	0.290	ug/L	0.290	0.966
84-74-2	Di-n-butylphthalate	U	0.290	ug/L	0.290	0.966
206-44-0	Fluoranthene	U	0.290	ug/L	0.290	0.966
129-00-0	Pyrene	U	0.290	ug/L	0.290	0.966
85-68-7	Butylbenzylphthalate	U	0.290	ug/L	0.290	0.966
117-81-7	bis(2-Ethylhexyl)phthalate	U	0.290	ug/L	0.290	0.966
56-55-3	Benzo(a)anthracene	U	0.290	ug/L	0.290	0.966
218-01-9	Chrysene	OU	0.290	ug/L	0.290	0.966
117-84-0	Di-n-octylphthalate	OU	0.290	ug/L	0.290	0.966
205-99-2	Benzo(b)fluoranthene	U	0.290	ug/L	0.290	0.966
207-08-9	Benzo(k)fluoranthene	OU	0.290	ug/L	0.290	0.966
50-32-8	Benzo(a)pyrene	OU	0.290	ug/L	0.290	0.966
193-39-5	Indeno(1,2,3-cd)pyrene	OU	0.290	ug/L	0.290	0.966
53-70-3	Dibenzo(a,h)anthracene	U	0.290	ug/L	0.290	0.966
191-24-2	Benzo(ghi)perylene	U	0.290	ug/L	0.290	0.966
123-91-1	1,4-Dioxane	OU	2.90	ug/L	2.90	9.66
109-06-8	2-Picoline	U	2.90	ug/L	2.90	9.66
10595-95-6	N-Nitrosomethylethylamine	U	2.90	ug/L	2.90	9.66
66-27-3	Methyl methanesulfonate	U	2.90	ug/L	2.90	9.66
55-18-5	N-Nitrosodiethylamine	U	2.90	ug/L	2.90	9.66
62-50-0	Ethyl Methanesulfonate	U	2.90	ug/L	2.90	9.66
76-01-7	Pentachloroethane	U	2.90	ug/L	2.90	9.66

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 10:37**	**Matrix:**	**WATER**
Lab Sample ID:	**727382006**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB2**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810498**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/11/2025 22:33**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/11/2025 11:29**	**Aliquot:**	**1035.47 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061125\s4F1120.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
930-55-2	N-Nitrosopyrrolidine	OU	2.90	ug/L	2.90	9.66
98-86-2	Acetophenone	U	2.90	ug/L	2.90	9.66
59-89-2	N-Nitrosomorpholine	U	2.90	ug/L	2.90	9.66
95-53-4	o-Toluidine	U	2.90	ug/L	2.90	9.66
100-75-4	N-Nitrosopiperidine	U	2.90	ug/L	2.90	9.66
122-09-8	a,a-Dimethylphenethylamine	U	2.90	ug/L	2.90	9.66
87-65-0	2,6-Dichlorophenol	U	2.90	ug/L	2.90	9.66
1888-71-7	Hexachloropropene	U	2.90	ug/L	2.90	9.66
924-16-3	N-Nitrosodi-n-butylamine	U	2.90	ug/L	2.90	9.66
94-59-7	Safrole	U	2.90	ug/L	2.90	9.66
95-94-3	1,2,4,5-Tetrachlorobenzene	U	2.90	ug/L	2.90	9.66
120-58-1	Isosafrole	U	2.90	ug/L	2.90	9.66
130-15-4	1,4-Naphthoquinone	U	2.90	ug/L	2.90	9.66
608-93-5	Pentachlorobenzene	U	2.90	ug/L	2.90	9.66
134-32-7	1-Naphthylamine	U	2.90	ug/L	2.90	9.66
91-59-8	2-Naphthylamine	U	2.90	ug/L	2.90	9.66
99-55-8	5-Nitro-o-toluidine	U	2.90	ug/L	2.90	9.66
62-44-2	Phenacetin	U	2.90	ug/L	2.90	9.66
99-35-4	1,3,5-Trinitrobenzene	U	2.90	ug/L	2.90	9.66
2303-16-4	Diallate	U	2.90	ug/L	2.90	9.66
92-67-1	4-Aminobiphenyl	U	2.90	ug/L	2.90	9.66
82-68-8	Pentachloronitrobenzene	U	3.28	ug/L	3.28	9.66
23950-58-5	Pronamide	U	2.90	ug/L	2.90	9.66
56-57-5	4-Nitroquinoline-1-oxide	U	3.67	ug/L	3.67	9.66
91-80-5	Methapyrilene	U	2.90	ug/L	2.90	9.66
465-73-6	Isodrin	U	2.90	ug/L	2.90	9.66
140-57-8	Aramite	U	3.57	ug/L	3.57	9.66
143-50-0	Kepone	U	2.90	ug/L	2.90	9.66
60-11-7	p-(Dimethylamino)azobenzene	U	2.90	ug/L	2.90	9.66
510-15-6	Chlorobenzilate	U	2.90	ug/L	2.90	9.66
119-93-7	3,3'-Dimethylbenzidine	U	3.19	ug/L	3.19	9.66
53-96-3	2-Acetylaminofluorene	U	2.90	ug/L	2.90	9.66
91-94-1	3,3'-Dichlorobenzidine	U	2.90	ug/L	2.90	9.66
57-97-6	7,12-Dimethylbenz(a)anthracene	U	2.90	ug/L	2.90	9.66
56-49-5	3-Methylcholanthrene	U	2.90	ug/L	2.90	9.66
126-68-1	Triethylphosphorothioate	U	2.90	ug/L	2.90	9.66
297-97-2	Thionazin	U	2.90	ug/L	2.90	9.66
126-73-8	Tributylphosphate	U	2.90	ug/L	2.90	9.66

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 10:37	**Matrix:**	WATER
Lab Sample ID:	727382006	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB2	**Method:**	SW846 3510C/8270E	**SOP Ref:**	GL-OA-E-009
Batch ID:	2810498	**Inst:**	MSD4.I	**Dilution:**	1
Run Date:	06/11/2025 22:33	**Analyst:**	NM1	**Inj. Vol:**	1 uL
Prep Date:	06/11/2025 11:29	**Aliquot:**	1035.47 mL	**Final Volume:**	1 mL
Data File:	data\S061125\s4F1120.D	**Column:**	DB-5ms		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
3689-24-5	Sulfotepp	U	2.90	ug/L	2.90	9.66
298-02-2	Phorate	U	2.90	ug/L	2.90	9.66
60-51-5	Dimethoate	U	2.90	ug/L	2.90	9.66
298-04-4	Disulfoton	U	2.90	ug/L	2.90	9.66
298-00-0	Methyl parathion	U	2.90	ug/L	2.90	9.66
56-38-2	Parathion	U	2.90	ug/L	2.90	9.66
52-85-7	Famphur	U	4.83	ug/L	4.83	9.66
106-50-3	p-Phenylenediamine	U	96.6	ug/L	96.6	483
70-30-4	Hexachlorophene	U	161	ug/L	161	483
120-82-1	1,2,4-Trichlorobenzene	U	2.90	ug/L	2.90	9.66

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/03/2025 11:23**	**Matrix:**	**WATER**
Lab Sample ID:	**727382007**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB7**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810080**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/10/2025 22:33**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/10/2025 12:07**	**Aliquot:**	**1044.25 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061025\s4F1020.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
62-75-9	N-Methyl-N-nitrosomethylamine	U	2.87	ug/L	2.87	9.58
110-86-1	Pyridine	U	2.87	ug/L	2.87	9.58
62-53-3	Aniline	TU	4.02	ug/L	4.02	9.58
108-95-2	Phenol	U	2.87	ug/L	2.87	9.58
111-44-4	bis(2-Chloroethyl) ether	U	2.87	ug/L	2.87	9.58
95-57-8	2-Chlorophenol	U	2.87	ug/L	2.87	9.58
541-73-1	1,3-Dichlorobenzene	U	2.87	ug/L	2.87	9.58
106-46-7	1,4-Dichlorobenzene	U	2.87	ug/L	2.87	9.58
95-50-1	1,2-Dichlorobenzene	U	2.87	ug/L	2.87	9.58
108-60-1	bis(2-Chloro-1-methylethyl)ether	U	2.87	ug/L	2.87	9.58
100-51-6	Benzyl alcohol	U	2.87	ug/L	2.87	9.58
95-48-7	o-Cresol	U	2.87	ug/L	2.87	9.58
65794-96-9	m,p-Cresols	U	3.54	ug/L	3.54	9.58
621-64-7	N-Nitrosodipropylamine	U	2.87	ug/L	2.87	9.58
67-72-1	Hexachloroethane	U	2.87	ug/L	2.87	9.58
98-95-3	Nitrobenzene	U	2.87	ug/L	2.87	9.58
78-59-1	Isophorone	U	3.35	ug/L	3.35	9.58
88-75-5	2-Nitrophenol	U	2.87	ug/L	2.87	9.58
105-67-9	2,4-Dimethylphenol	U	2.87	ug/L	2.87	9.58
111-91-1	bis(2-Chloroethoxy)methane	U	2.87	ug/L	2.87	9.58
120-83-2	2,4-Dichlorophenol	U	2.87	ug/L	2.87	9.58
106-47-8	4-Chloroaniline	TU	3.16	ug/L	3.16	9.58
87-68-3	Hexachlorobutadiene	U	2.87	ug/L	2.87	9.58
59-50-7	4-Chloro-3-methylphenol	U	2.87	ug/L	2.87	9.58
91-57-6	2-Methylnaphthalene	U	0.287	ug/L	0.287	0.958
91-20-3	Naphthalene	U	0.287	ug/L	0.287	0.958
77-47-4	Hexachlorocyclopentadiene	U	2.87	ug/L	2.87	9.58
88-06-2	2,4,6-Trichlorophenol	TU	2.87	ug/L	2.87	9.58
95-95-4	2,4,5-Trichlorophenol	TU	2.87	ug/L	2.87	9.58
91-58-7	2-Chloronaphthalene	U	0.393	ug/L	0.393	0.958
88-74-4	o-Nitroaniline	U	2.87	ug/L	2.87	9.58
99-09-2	m-Nitroaniline	TU	2.87	ug/L	2.87	9.58
131-11-3	Dimethylphthalate	U	0.287	ug/L	0.287	0.958
99-65-0	m-Dinitrobenzene	U	2.87	ug/L	2.87	9.58
606-20-2	2,6-Dinitrotoluene	U	2.87	ug/L	2.87	9.58
121-14-2	2,4-Dinitrotoluene	U	2.87	ug/L	2.87	9.58
208-96-8	Acenaphthylene	U	0.287	ug/L	0.287	0.958
83-32-9	Acenaphthene	U	0.287	ug/L	0.287	0.958

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/03/2025 11:23	**Matrix:**	WATER
Lab Sample ID:	727382007	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB7	**Method:**	SW846 3510C/8270E	**SOP Ref:**	GL-OA-E-009
Batch ID:	2810080	**Inst:**	MSD4.I	**Dilution:**	1
Run Date:	06/10/2025 22:33	**Analyst:**	NM1	**Inj. Vol:**	1 uL
Prep Date:	06/10/2025 12:07	**Aliquot:**	1044.25 mL	**Final Volume:**	1 mL
Data File:	data\S061025\s4F1020.D	**Column:**	DB-5ms		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
51-28-5	2,4-Dinitrophenol	U	4.79	ug/L	4.79	19.2
132-64-9	Dibenzofuran	U	2.87	ug/L	2.87	9.58
58-90-2	2,3,4,6-Tetrachlorophenol	TU	2.87	ug/L	2.87	9.58
84-66-2	Diethylphthalate	U	0.287	ug/L	0.287	0.958
100-02-7	4-Nitrophenol	TU	2.87	ug/L	2.87	9.58
86-73-7	Fluorene	U	0.287	ug/L	0.287	0.958
7005-72-3	4-Chlorophenylphenylether	U	2.87	ug/L	2.87	9.58
100-01-6	p-Nitroaniline	U	2.87	ug/L	2.87	9.58
534-52-1	2-Methyl-4,6-dinitrophenol	TU	2.87	ug/L	2.87	9.58
DPA+NNDPA	diphenylamine+N-nitrosodiphenylamine	U	2.87	ug/L	2.87	9.58
122-39-4	*Diphenylamine*					
101-55-3	4-Bromophenylphenylether	U	2.87	ug/L	2.87	9.58
118-74-1	Hexachlorobenzene	U	2.87	ug/L	2.87	9.58
87-86-5	Pentachlorophenol	U	2.87	ug/L	2.87	9.58
88-85-7	Dinoseb	U	2.87	ug/L	2.87	9.58
85-01-8	Phenanthrene	U	0.287	ug/L	0.287	0.958
120-12-7	Anthracene	U	0.287	ug/L	0.287	0.958
86-74-8	Carbazole	U	0.287	ug/L	0.287	0.958
84-74-2	Di-n-butylphthalate	U	0.287	ug/L	0.287	0.958
206-44-0	Fluoranthene	U	0.287	ug/L	0.287	0.958
129-00-0	Pyrene	U	0.287	ug/L	0.287	0.958
85-68-7	Butylbenzylphthalate	U	0.287	ug/L	0.287	0.958
117-81-7	bis(2-Ethylhexyl)phthalate	U	0.287	ug/L	0.287	0.958
56-55-3	Benzo(a)anthracene	U	0.287	ug/L	0.287	0.958
218-01-9	Chrysene	U	0.287	ug/L	0.287	0.958
117-84-0	Di-n-octylphthalate	U	0.287	ug/L	0.287	0.958
205-99-2	Benzo(b)fluoranthene	U	0.287	ug/L	0.287	0.958
207-08-9	Benzo(k)fluoranthene	U	0.287	ug/L	0.287	0.958
50-32-8	Benzo(a)pyrene	U	0.287	ug/L	0.287	0.958
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.287	ug/L	0.287	0.958
53-70-3	Dibenzo(a,h)anthracene	U	0.287	ug/L	0.287	0.958
191-24-2	Benzo(ghi)perylene	U	0.287	ug/L	0.287	0.958
123-91-1	1,4-Dioxane	OU	2.87	ug/L	2.87	9.58
109-06-8	2-Picoline	U	2.87	ug/L	2.87	9.58
10595-95-6	N-Nitrosomethylethylamine	U	2.87	ug/L	2.87	9.58
66-27-3	Methyl methanesulfonate	U	2.87	ug/L	2.87	9.58
55-18-5	N-Nitrosodiethylamine	U	2.87	ug/L	2.87	9.58
62-50-0	Ethyl Methanesulfonate	U	2.87	ug/L	2.87	9.58
76-01-7	Pentachloroethane	U	2.87	ug/L	2.87	9.58

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/03/2025 11:23**	**Matrix:**	**WATER**
Lab Sample ID:	**727382007**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB7**	**Method:**	**SW846 3510C/8270E**	**SOP Ref:**	**GL-OA-E-009**
Batch ID:	**2810080**	**Inst:**	**MSD4.I**	**Dilution:**	**1**
Run Date:	**06/10/2025 22:33**	**Analyst:**	**NM1**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/10/2025 12:07**	**Aliquot:**	**1044.25 mL**	**Final Volume:**	**1 mL**
Data File:	**data\S061025\s4F1020.D**	**Column:**	**DB-5ms**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
930-55-2	N-Nitrosopyrrolidine	U	2.87	ug/L	2.87	9.58
98-86-2	Acetophenone	U	2.87	ug/L	2.87	9.58
59-89-2	N-Nitrosomorpholine	U	2.87	ug/L	2.87	9.58
95-53-4	o-Toluidine	U	2.87	ug/L	2.87	9.58
100-75-4	N-Nitrosopiperidine	U	2.87	ug/L	2.87	9.58
122-09-8	a,a-Dimethylphenethylamine	U	2.87	ug/L	2.87	9.58
87-65-0	2,6-Dichlorophenol	TU	2.87	ug/L	2.87	9.58
1888-71-7	Hexachloropropene	U	2.87	ug/L	2.87	9.58
924-16-3	N-Nitrosodi-n-butylamine	U	2.87	ug/L	2.87	9.58
94-59-7	Safrole	U	2.87	ug/L	2.87	9.58
95-94-3	1,2,4,5-Tetrachlorobenzene	U	2.87	ug/L	2.87	9.58
120-58-1	Isosafrole	U	2.87	ug/L	2.87	9.58
130-15-4	1,4-Naphthoquinone	U	2.87	ug/L	2.87	9.58
608-93-5	Pentachlorobenzene	U	2.87	ug/L	2.87	9.58
134-32-7	1-Naphthylamine	U	2.87	ug/L	2.87	9.58
91-59-8	2-Naphthylamine	U	2.87	ug/L	2.87	9.58
99-55-8	5-Nitro-o-toluidine	U	2.87	ug/L	2.87	9.58
62-44-2	Phenacetin	U	2.87	ug/L	2.87	9.58
99-35-4	1,3,5-Trinitrobenzene	U	2.87	ug/L	2.87	9.58
2303-16-4	Diallate	U	2.87	ug/L	2.87	9.58
92-67-1	4-Aminobiphenyl	U	2.87	ug/L	2.87	9.58
82-68-8	Pentachloronitrobenzene	U	3.26	ug/L	3.26	9.58
23950-58-5	Pronamide	U	2.87	ug/L	2.87	9.58
56-57-5	4-Nitroquinoline-1-oxide	U	3.64	ug/L	3.64	9.58
91-80-5	Methapyrilene	U	2.87	ug/L	2.87	9.58
465-73-6	Isodrin	U	2.87	ug/L	2.87	9.58
140-57-8	Aramite	U	3.54	ug/L	3.54	9.58
143-50-0	Kepone	U	2.87	ug/L	2.87	9.58
60-11-7	p-(Dimethylamino)azobenzene	U	2.87	ug/L	2.87	9.58
510-15-6	Chlorobenzilate	U	2.87	ug/L	2.87	9.58
119-93-7	3,3'-Dimethylbenzidine	U	3.16	ug/L	3.16	9.58
53-96-3	2-Acetylaminofluorene	U	2.87	ug/L	2.87	9.58
91-94-1	3,3'-Dichlorobenzidine	U	2.87	ug/L	2.87	9.58
57-97-6	7,12-Dimethylbenz(a)anthracene	U	2.87	ug/L	2.87	9.58
56-49-5	3-Methylcholanthrene	U	2.87	ug/L	2.87	9.58
126-68-1	Triethylphosphorothioate	U	2.87	ug/L	2.87	9.58
297-97-2	Thionazin	U	2.87	ug/L	2.87	9.58
126-73-8	Tributylphosphate	U	2.87	ug/L	2.87	9.58

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/03/2025 11:23	**Matrix:**	WATER
Lab Sample ID:	727382007	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB7	**Method:**	SW846 3510C/8270E	**SOP Ref:**	GL-OA-E-009
Batch ID:	2810080	**Inst:**	MSD4.I	**Dilution:**	1
Run Date:	06/10/2025 22:33	**Analyst:**	NM1	**Inj. Vol:**	1 uL
Prep Date:	06/10/2025 12:07	**Aliquot:**	1044.25 mL	**Final Volume:**	1 mL
Data File:	data\S061025\s4F1020.D	**Column:**	DB-5ms		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
3689-24-5	Sulfotepp	U	2.87	ug/L	2.87	9.58
298-02-2	Phorate	U	2.87	ug/L	2.87	9.58
60-51-5	Dimethoate	U	2.87	ug/L	2.87	9.58
298-04-4	Disulfoton	U	2.87	ug/L	2.87	9.58
298-00-0	Methyl parathion	U	2.87	ug/L	2.87	9.58
56-38-2	Parathion	U	2.87	ug/L	2.87	9.58
52-85-7	Famphur	U	4.79	ug/L	4.79	9.58
106-50-3	p-Phenylenediamine	U	95.8	ug/L	95.8	479
70-30-4	Hexachlorophene	U	160	ug/L	160	479
120-82-1	1,2,4-Trichlorobenzene	U	2.87	ug/L	2.87	9.58

Quality Control Summary

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: June 24, 2025

Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington

Contact: **Ms. Heather Medley**

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2810080											
QC1206132966 LCS											
1,2,4,5-Tetrachlorobenzene	50.0			34.3	ug/L		69	(37%-107%)	NM1	06/10/25	17:36
1,2,4-Trichlorobenzene	50.0			32.4	ug/L		65	(39%-101%)			
1,2-Dichlorobenzene	50.0			31.6	ug/L		63	(35%-96%)			
1,3-Dichlorobenzene	50.0			29.9	ug/L		60	(37%-91%)			
1,4-Dichlorobenzene	50.0			30.2	ug/L		60	(39%-93%)			
1,4-Dioxane	50.0		O	18.2	ug/L		36*	(39%-68%)			
2,3,4,6-Tetrachlorophenol	50.0			37.6	ug/L		75	(44%-126%)			
2,4,5-Trichlorophenol	50.0			35.3	ug/L		71	(46%-129%)			
2,4,6-Trichlorophenol	50.0			34.4	ug/L		69	(46%-124%)			
2,4-Dichlorophenol	50.0			31.1	ug/L		62	(44%-118%)			
2,4-Dimethylphenol	50.0			22.0	ug/L		44	(42%-91%)			
2,4-Dinitrophenol	50.0			35.5	ug/L		71	(24%-147%)			

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2810080											
2,4-Dinitrotoluene	50.0			39.9	ug/L		80	(44%-133%)	NM1	06/10/25	17:36
2,6-Dichlorophenol	50.0			32.3	ug/L		65	(44%-116%)			
2,6-Dinitrotoluene	50.0			39.9	ug/L		80	(52%-126%)			
2-Chloronaphthalene	50.0			35.4	ug/L		71	(44%-111%)			
2-Chlorophenol	50.0			25.3	ug/L		51	(40%-102%)			
2-Methyl-4,6-dinitrophenol	50.0			36.2	ug/L		72	(37%-146%)			
2-Methylnaphthalene	50.0			40.2	ug/L		80	(44%-108%)			
2-Nitrophenol	50.0			30.4	ug/L		61	(44%-117%)			
3,3'-Dichlorobenzidine	50.0			38.0	ug/L		76	(45%-126%)			
4-Bromophenylphenylether	50.0			42.9	ug/L		86	(46%-122%)			
4-Chloro-3-methylphenol	50.0			32.2	ug/L		64	(43%-114%)			
4-Chloroaniline	50.0			34.7	ug/L		69	(49%-117%)			
4-Chlorophenylphenylether	50.0			42.2	ug/L		84	(50%-126%)			
4-Nitrophenol	50.0			14.6	ug/L		29	(19%-94%)			

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
Acenaphthene	50.0			36.9	ug/L		74	(47%-112%)	NM1	06/10/25 17:36
Acenaphthylene	50.0			34.0	ug/L		68	(46%-110%)		
Acetophenone	50.0			40.1	ug/L		80	(42%-109%)		
Aniline	50.0			24.0	ug/L		48	(38%-93%)		
Anthracene	50.0			40.7	ug/L		81	(51%-116%)		
Benzo(a)anthracene	50.0			35.4	ug/L		71	(49%-117%)		
Benzo(a)pyrene	50.0			32.2	ug/L		64	(49%-120%)		
Benzo(b)fluoranthene	50.0			35.7	ug/L		71	(49%-119%)		
Benzo(ghi)perylene	50.0			35.1	ug/L		70	(43%-129%)		
Benzo(k)fluoranthene	50.0			32.7	ug/L		65	(49%-120%)		
Benzyl alcohol	50.0			31.8	ug/L		64	(36%-98%)		
Butylbenzylphthalate	50.0			39.4	ug/L		79	(49%-120%)		
Carbazole	50.0			43.1	ug/L		86	(49%-124%)		
Chrysene	50.0			36.6	ug/L		73	(52%-122%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
Di-n-butylphthalate	50.0			42.4	ug/L		85	(51%-128%)	NM1	06/10/25 17:36
Di-n-octylphthalate	50.0			33.6	ug/L		67	(45%-128%)		
Dibenzo(a,h)anthracene	50.0			32.4	ug/L		65	(43%-126%)		
Dibenzofuran	50.0			40.8	ug/L		82	(49%-120%)		
Diethylphthalate	50.0			42.4	ug/L		85	(53%-126%)		
Dimethylphthalate	50.0			39.5	ug/L		79	(54%-126%)		
Fluoranthene	50.0			42.1	ug/L		84	(52%-126%)		
Fluorene	50.0			40.3	ug/L		81	(51%-116%)		
Hexachlorobenzene	50.0			38.2	ug/L		76	(47%-120%)		
Hexachlorobutadiene	50.0			28.9	ug/L		58	(39%-98%)		
Hexachlorocyclopentadiene	50.0			19.9	ug/L		40	(32%-85%)		
Hexachloroethane	50.0			27.9	ug/L		56	(34%-85%)		
Indeno(1,2,3-cd)pyrene	50.0			32.4	ug/L		65	(46%-123%)		
Isophorone	50.0			35.1	ug/L		70	(37%-114%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
N-Methyl-N-nitrosomethylamine	50.0			20.5	ug/L		41	(33%-79%)	NM1	06/10/25 17:36
N-Nitrosodipropylamine	50.0			37.4	ug/L		75	(44%-118%)		
N-Nitrosopyrrolidine	50.0			30.8	ug/L		62	(41%-114%)		
Naphthalene	50.0			34.2	ug/L		68	(45%-106%)		
Nitrobenzene	50.0			32.4	ug/L		65	(47%-110%)		
Pentachlorophenol	50.0			41.2	ug/L		82	(38%-128%)		
Phenanthrene	50.0			41.2	ug/L		82	(51%-116%)		
Phenol	50.0			13.5	ug/L		27	(12%-90%)		
Pyrene	50.0			42.5	ug/L		85	(46%-126%)		
Pyridine	50.0			15.6	ug/L		31	(28%-79%)		
Tributylphosphate	50.0			42.0	ug/L		84	(52%-133%)		
bis(2-Chloro-1-methylethyl)ether	50.0			32.2	ug/L		64	(38%-112%)		
bis(2-Chloroethoxy)methane	50.0			36.9	ug/L		74	(49%-114%)		
bis(2-Chloroethyl) ether	50.0			35.9	ug/L		72	(42%-111%)		

GEL LABORATORIES LLC
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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
bis(2-Ethylhexyl)phthalate	50.0			34.1	ug/L		68	(43%-124%)	NM1	06/10/25 17:36
diphenylamine+N-nitrosodiphenylamine	50.0			42.3	ug/L		85	(46%-121%)		
m,p-Cresols	50.0			23.6	ug/L		47	(36%-90%)		
m-Nitroaniline	50.0			37.1	ug/L		74	(48%-130%)		
o-Cresol	50.0			23.8	ug/L		48	(36%-98%)		
o-Nitroaniline	50.0			37.3	ug/L		75	(51%-127%)		
p-Nitroaniline	50.0			42.2	ug/L		84	(47%-138%)		
**2,4,6-Tribromophenol	100			80.1	ug/L		80	(31%-126%)		
**2-Fluorobiphenyl	50.0			35.6	ug/L		71	(35%-107%)		
**2-Fluorophenol	100			32.0	ug/L		32	(15%-72%)		
**Nitrobenzene-d5	50.0			32.3	ug/L		65	(34%-107%)		
**Phenol-d5	100			26.4	ug/L		26	(15%-85%)		
**p-Terphenyl-d14	50.0			32.0	ug/L		64	(20%-118%)		
QC1206132965 MB										
1,2,4,5-Tetrachlorobenzene			U	3.00	ug/L					06/10/25 17:14

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
1,2,4-Trichlorobenzene			U	3.00	ug/L				NM1	06/10/25 17:14
1,2-Dichlorobenzene			U	3.00	ug/L					
1,3,5-Trinitrobenzene			U	3.00	ug/L					
1,3-Dichlorobenzene			U	3.00	ug/L					
1,4-Dichlorobenzene			U	3.00	ug/L					
1,4-Dioxane			U	3.00	ug/L					
1,4-Naphthoquinone			U	3.00	ug/L					
1-Naphthylamine			U	3.00	ug/L					
2,3,4,6-Tetrachlorophenol			U	3.00	ug/L					
2,4,5-Trichlorophenol			U	3.00	ug/L					
2,4,6-Trichlorophenol			U	3.00	ug/L					
2,4-Dichlorophenol			U	3.00	ug/L					
2,4-Dimethylphenol			U	3.00	ug/L					
2,4-Dinitrophenol			U	5.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
2,4-Dinitrotoluene			U	3.00	ug/L				NM1	06/10/25 17:14
2,6-Dichlorophenol			U	3.00	ug/L					
2,6-Dinitrotoluene			U	3.00	ug/L					
2-Acetylaminofluorene			U	3.00	ug/L					
2-Chloronaphthalene			U	0.410	ug/L					
2-Chlorophenol			U	3.00	ug/L					
2-Methyl-4,6-dinitrophenol			U	3.00	ug/L					
2-Methylnaphthalene			U	0.300	ug/L					
2-Naphthylamine			U	3.00	ug/L					
2-Nitrophenol			U	3.00	ug/L					
2-Picoline			U	3.00	ug/L					
3,3'-Dichlorobenzidine			U	3.00	ug/L					
3,3'-Dimethylbenzidine			U	3.30	ug/L					
3-Methylcholanthrene			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
4-Aminobiphenyl			U	3.00	ug/L				NM1	06/10/25 17:14
4-Bromophenylphenylether			U	3.00	ug/L					
4-Chloro-3-methylphenol			U	3.00	ug/L					
4-Chloroaniline			U	3.30	ug/L					
4-Chlorophenylphenylether			U	3.00	ug/L					
4-Nitrophenol			U	3.00	ug/L					
4-Nitroquinoline-1-oxide			U	3.80	ug/L					
5-Nitro-o-toluidine			U	3.00	ug/L					
7,12-Dimethylbenz(a)anthracene			U	3.00	ug/L					
Acenaphthene			U	0.300	ug/L					
Acenaphthylene			U	0.300	ug/L					
Acetophenone			U	3.00	ug/L					
Aniline			U	4.20	ug/L					
Anthracene			U	0.300	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
Aramite			U	3.70	ug/L				NM1	06/10/25 17:14
Benzo(a)anthracene			U	0.300	ug/L					
Benzo(a)pyrene			U	0.300	ug/L					
Benzo(b)fluoranthene			U	0.300	ug/L					
Benzo(ghi)perylene			U	0.300	ug/L					
Benzo(k)fluoranthene			U	0.300	ug/L					
Benzyl alcohol			U	3.00	ug/L					
Butylbenzylphthalate			U	0.300	ug/L					
Carbazole			U	0.300	ug/L					
Chlorobenzilate			U	3.00	ug/L					
Chrysene			U	0.300	ug/L					
Di-n-butylphthalate			U	0.300	ug/L					
Di-n-octylphthalate			U	0.300	ug/L					
Diallate			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
Dibenzo(a,h)anthracene			U	0.300	ug/L				NM1	06/10/25 17:14
Dibenzofuran			U	3.00	ug/L					
Diethylphthalate			U	0.300	ug/L					
Dimethoate			U	3.00	ug/L					
Dimethylphthalate			U	0.300	ug/L					
Dinoseb			U	3.00	ug/L					
Disulfoton			U	3.00	ug/L					
Ethyl Methanesulfonate			U	3.00	ug/L					
Famphur			U	5.00	ug/L					
Fluoranthene			U	0.300	ug/L					
Fluorene			U	0.300	ug/L					
Hexachlorobenzene			U	3.00	ug/L					
Hexachlorobutadiene			U	3.00	ug/L					
Hexachlorocyclopentadiene			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
Hexachloroethane			U	3.00	ug/L				NM1	06/10/25 17:14
Hexachlorophene			U	167	ug/L					
Hexachloropropene			U	3.00	ug/L					
Indeno(1,2,3-cd)pyrene			U	0.300	ug/L					
Isodrin			U	3.00	ug/L					
Isophorone			U	3.50	ug/L					
Isosafrole			U	3.00	ug/L					
Kepone			U	3.00	ug/L					
Methapyrilene			U	3.00	ug/L					
Methyl methanesulfonate			U	3.00	ug/L					
Methyl parathion			U	3.00	ug/L					
N-Methyl-N-nitrosomethylamine			U	3.00	ug/L					
N-Nitrosodi-n-butylamine			U	3.00	ug/L					
N-Nitrosodiethylamine			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
N-Nitrosodipropylamine			U	3.00	ug/L				NM1	06/10/25 17:14
N-Nitrosomethylethylamine			U	3.00	ug/L					
N-Nitrosomorpholine			U	3.00	ug/L					
N-Nitrosopiperidine			U	3.00	ug/L					
N-Nitrosopyrrolidine			U	3.00	ug/L					
Naphthalene			U	0.300	ug/L					
Nitrobenzene			U	3.00	ug/L					
Parathion			U	3.00	ug/L					
Pentachlorobenzene			U	3.00	ug/L					
Pentachloroethane			U	3.00	ug/L					
Pentachloronitrobenzene			U	3.40	ug/L					
Pentachlorophenol			U	3.00	ug/L					
Phenacetin			U	3.00	ug/L					
Phenanthrene			U	0.300	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
Phenol			U	3.00	ug/L				NM1	06/10/25 17:14
Phorate			U	3.00	ug/L					
Pronamide			U	3.00	ug/L					
Pyrene			U	0.300	ug/L					
Pyridine			U	3.00	ug/L					
Safrole			U	3.00	ug/L					
Sulfotepp			U	3.00	ug/L					
Thionazin			U	3.00	ug/L					
Tributylphosphate			U	3.00	ug/L					
Triethylphosphorothioate			U	3.00	ug/L					
a,a-Dimethylphenethylamine			U	3.00	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	3.00	ug/L					
bis(2-Chloroethoxy)methane			U	3.00	ug/L					
bis(2-Chloroethyl) ether			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810080										
bis(2-Ethylhexyl)phthalate			U	0.300	ug/L				NM1	06/10/25 17:14
diphenylamine+N-nitrosodiphenylamine			U	3.00	ug/L					
m,p-Cresols			U	3.70	ug/L					
m-Dinitrobenzene			U	3.00	ug/L					
m-Nitroaniline			U	3.00	ug/L					
o-Cresol			U	3.00	ug/L					
o-Nitroaniline			U	3.00	ug/L					
o-Toluidine			U	3.00	ug/L					
p-(Dimethylamino)azobenzene			U	3.00	ug/L					
p-Nitroaniline			U	3.00	ug/L					
p-Phenylenediamine			U	100	ug/L					
**2,4,6-Tribromophenol	100			65.1	ug/L		65	(31%-126%)		
**2-Fluorobiphenyl	50.0			32.7	ug/L		65	(35%-107%)		
**2-Fluorophenol	100			32.5	ug/L		33	(15%-72%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810080											
**Nitrobenzene-d5	50.0				28.3	ug/L		57	(34%-107%)	NM1	06/10/25 17:14
**Phenol-d5	100				23.6	ug/L		24	(15%-85%)		
**p-Terphenyl-d14	50.0				31.7	ug/L		63	(20%-118%)		
QC1206132967 727126001 MS											
1,2,4,5-Tetrachlorobenzene	92.8	U	3.00		62.5	ug/L		67	(30%-112%)		06/10/25 18:45
1,2,4-Trichlorobenzene	92.8	U	3.00		57.3	ug/L		62	(27%-108%)		
1,2-Dichlorobenzene	92.8	U	3.00		56.1	ug/L		60	(28%-99%)		
1,3-Dichlorobenzene	92.8	U	3.00		53.8	ug/L		58	(28%-94%)		
1,4-Dichlorobenzene	92.8	U	3.00		54.3	ug/L		59	(32%-93%)		
1,4-Dioxane	92.8	OU	3.00	O	48.2	ug/L		52	(25%-88%)		
2,3,4,6-Tetrachlorophenol	92.8	TU	3.00		66.0	ug/L		71	(39%-129%)		
2,4,5-Trichlorophenol	92.8	TU	3.00		69.5	ug/L		75	(40%-126%)		
2,4,6-Trichlorophenol	92.8	TU	3.00		66.7	ug/L		72	(39%-128%)		
2,4-Dichlorophenol	92.8	U	3.00		66.2	ug/L		71	(40%-117%)		
2,4-Dimethylphenol	92.8	U	3.00		50.2	ug/L		54	(30%-99%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2810080												
2,4-Dinitrophenol	92.8	U	5.00		64.4	ug/L		69	(20%-138%)	NM1	06/10/25	18:45
2,4-Dinitrotoluene	92.8	U	3.00		63.9	ug/L		69	(31%-145%)			
2,6-Dichlorophenol	92.8	TU	3.00		65.7	ug/L		71	(39%-120%)			
2,6-Dinitrotoluene	92.8	U	3.00		63.7	ug/L		69	(40%-129%)			
2-Chloronaphthalene	92.8	U	0.410		63.1	ug/L		68	(32%-116%)			
2-Chlorophenol	92.8	U	3.00		61.5	ug/L		66	(36%-110%)			
2-Methyl-4,6-dinitrophenol	92.8	TU	3.00		64.0	ug/L		69	(28%-146%)			
2-Methylnaphthalene	92.8	U	0.300		68.8	ug/L		74	(34%-112%)			
2-Nitrophenol	92.8	U	3.00		59.3	ug/L		64	(36%-121%)			
3,3'-Dichlorobenzidine	92.8	U	3.00		63.9	ug/L		69	(33%-124%)			
4-Bromophenylphenylether	92.8	U	3.00		73.6	ug/L		79	(39%-128%)			
4-Chloro-3-methylphenol	92.8	U	3.00		68.7	ug/L		74	(38%-123%)			
4-Chloroaniline	92.8	TU	3.30		62.9	ug/L		68	(34%-120%)			
4-Chlorophenylphenylether	92.8	U	3.00		71.3	ug/L		77	(41%-129%)			

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810080											
4-Nitrophenol	92.8	TU	3.00		42.5	ug/L		46	(19%-94%)	NM1	06/10/25 18:45
Acenaphthene	92.8	U	0.300		63.3	ug/L		68	(33%-118%)		
Acenaphthylene	92.8	U	0.300		59.5	ug/L		64	(36%-116%)		
Acetophenone	92.8	U	3.00		68.9	ug/L		74	(36%-113%)		
Aniline	92.8	TU	4.20		50.0	ug/L		54	(29%-109%)		
Anthracene	92.8	U	0.300		66.9	ug/L		72	(41%-121%)		
Benzo(a)anthracene	92.8	U	0.300		68.1	ug/L		73	(41%-121%)		
Benzo(a)pyrene	92.8	U	0.300		65.3	ug/L		70	(39%-122%)		
Benzo(b)fluoranthene	92.8	U	0.300		70.7	ug/L		76	(38%-122%)		
Benzo(ghi)perylene	92.8	U	0.300		68.9	ug/L		74	(33%-126%)		
Benzo(k)fluoranthene	92.8	U	0.300		69.5	ug/L		75	(41%-122%)		
Benzyl alcohol	92.8	U	3.00		72.8	ug/L		79	(29%-114%)		
Butylbenzylphthalate	92.8	U	0.300		69.0	ug/L		74	(39%-133%)		
Carbazole	92.8	U	0.300		68.6	ug/L		74	(42%-127%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810080											
Chrysene	92.8	U	0.300		71.0	ug/L		77	(40%-126%)	NM1	06/10/25 18:45
Di-n-butylphthalate	92.8	U	0.300		69.1	ug/L		75	(40%-130%)		
Di-n-octylphthalate	92.8	U	0.300		65.2	ug/L		70	(35%-132%)		
Dibenzo(a,h)anthracene	92.8	U	0.300		63.2	ug/L		68	(31%-128%)		
Dibenzofuran	92.8	U	3.00		69.4	ug/L		75	(40%-120%)		
Diethylphthalate	92.8	U	0.300		67.4	ug/L		73	(42%-133%)		
Dimethylphthalate	92.8	U	0.300		67.3	ug/L		73	(42%-130%)		
Fluoranthene	92.8	U	0.300		69.3	ug/L		75	(41%-126%)		
Fluorene	92.8	U	0.300		66.6	ug/L		72	(39%-123%)		
Hexachlorobenzene	92.8	U	3.00		69.7	ug/L		75	(41%-121%)		
Hexachlorobutadiene	92.8	U	3.00		54.4	ug/L		59	(23%-96%)		
Hexachlorocyclopentadiene	92.8	U	3.00		40.5	ug/L		44	(17%-86%)		
Hexachloroethane	92.8	U	3.00		49.4	ug/L		53	(24%-92%)		
Indeno(1,2,3-cd)pyrene	92.8	U	0.300		63.7	ug/L		69	(31%-126%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810080											
Isophorone	92.8	U	3.50		58.5	ug/L		63	(36%-115%)	NM1	06/10/25 18:45
N-Methyl-N-nitrosomethylamine	92.8	U	3.00		54.5	ug/L		59	(22%-98%)		
N-Nitrosodipropylamine	92.8	U	3.00		64.6	ug/L		70	(34%-119%)		
N-Nitrosopyrrolidine	92.8	U	3.00		65.8	ug/L		71	(40%-123%)		
Naphthalene	92.8	U	0.300		59.9	ug/L		65	(31%-108%)		
Nitrobenzene	92.8	U	3.00		57.2	ug/L		62	(38%-116%)		
Pentachlorophenol	92.8	U	3.00		70.6	ug/L		76	(29%-140%)		
Phenanthrene	92.8	U	0.300		68.5	ug/L		74	(42%-118%)		
Phenol	92.8	U	3.00		41.6	ug/L		45	(21%-75%)		
Pyrene	92.8	U	0.300		69.8	ug/L		75	(36%-126%)		
Pyridine	92.8	U	3.00		24.4	ug/L		26	(19%-103%)		
Tributylphosphate	92.8	U	3.00		65.7	ug/L		71	(42%-142%)		
bis(2-Chloro-1-methylethyl)ether	92.8	U	3.00		56.6	ug/L		61	(29%-119%)		
bis(2-Chloroethoxy)methane	92.8	U	3.00		64.2	ug/L		69	(36%-122%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810080											
bis(2-Chloroethyl) ether	92.8	U	3.00		64.9	ug/L		70	(34%-115%)	NM1	06/10/25 18:45
bis(2-Ethylhexyl)phthalate	92.8	U	0.300		67.2	ug/L		72	(32%-128%)		
diphenylamine+N-nitrosodiphenylamine	92.8	U	3.00		71.0	ug/L		77	(38%-122%)		
m,p-Cresols	92.8	U	3.70		63.2	ug/L		68	(27%-108%)		
m-Nitroaniline	92.8	TU	3.00		69.0	ug/L		74	(34%-135%)		
o-Cresol	92.8	U	3.00		63.5	ug/L		68	(33%-106%)		
o-Nitroaniline	92.8	U	3.00		62.7	ug/L		68	(29%-131%)		
p-Nitroaniline	92.8	U	3.00		72.0	ug/L		78	(35%-139%)		
**2,4,6-Tribromophenol	186		59.3		136	ug/L		73	(31%-126%)		
**2-Fluorobiphenyl	92.8		28.6		64.2	ug/L		69	(35%-107%)		
**2-Fluorophenol	186		32.2		98.8	ug/L		53	(15%-72%)		
**Nitrobenzene-d5	92.8		26.2		57.6	ug/L		62	(34%-107%)		
**Phenol-d5	186		21.8		80.7	ug/L		43	(15%-85%)		
**p-Terphenyl-d14	92.8		30.5		67.1	ug/L		72	(20%-118%)		

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Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%		Range	Anlst	Date	Time
Semi-Volatile-GC/MS														
Batch 2810080														
QC1206132968 727126001 MSD														
1,2,4,5-Tetrachlorobenzene	92.8	U	3.00		55.2	ug/L	12		60		(0%-30%)	NM1	06/10/25	19:08
1,2,4-Trichlorobenzene	92.8	U	3.00		53.4	ug/L	7		58		(0%-30%)			
1,2-Dichlorobenzene	92.8	U	3.00		52.5	ug/L	7		57		(0%-30%)			
1,3-Dichlorobenzene	92.8	U	3.00		50.2	ug/L	7		54		(0%-30%)			
1,4-Dichlorobenzene	92.8	U	3.00		51.1	ug/L	6		55		(0%-30%)			
1,4-Dioxane	92.8	OU	3.00	O	29.1	ug/L	49	*	31		(0%-30%)			
2,3,4,6-Tetrachlorophenol	92.8	TU	3.00	T	27.5	ug/L	82	*	30	*	(0%-30%)			
2,4,5-Trichlorophenol	92.8	TU	3.00	T	35.4	ug/L	65	*	38	*	(0%-30%)			
2,4,6-Trichlorophenol	92.8	TU	3.00	T	28.6	ug/L	80	*	31	*	(0%-30%)			
2,4-Dichlorophenol	92.8	U	3.00		41.4	ug/L	46	*	45		(0%-30%)			
2,4-Dimethylphenol	92.8	U	3.00		39.1	ug/L	25		42		(0%-30%)			
2,4-Dinitrophenol	92.8	U	5.00	J	23.4	ug/L	94	*	25		(0%-30%)			
2,4-Dinitrotoluene	92.8	U	3.00		58.7	ug/L	9		63		(0%-30%)			
2,6-Dichlorophenol	92.8	TU	3.00	T	29.5	ug/L	76	*	32	*	(0%-30%)			

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%		Range	Anlst	Date	Time
Semi-Volatile-GC/MS														
Batch 2810080														
2,6-Dinitrotoluene	92.8	U	3.00		59.6	ug/L	7		64		(0%-30%)	NM1	06/10/25	19:08
2-Chloronaphthalene	92.8	U	0.410		56.4	ug/L	11		61		(0%-30%)			
2-Chlorophenol	92.8	U	3.00		39.2	ug/L	44	*	42		(0%-30%)			
2-Methyl-4,6-dinitrophenol	92.8	TU	3.00	T	22.0	ug/L	98	*	24	*	(0%-30%)			
2-Methylnaphthalene	92.8	U	0.300		63.5	ug/L	8		68		(0%-30%)			
2-Nitrophenol	92.8	U	3.00		34.5	ug/L	53	*	37		(0%-30%)			
3,3'-Dichlorobenzidine	92.8	U	3.00		52.1	ug/L	20		56		(0%-30%)			
4-Bromophenylphenylether	92.8	U	3.00		64.5	ug/L	13		69		(0%-30%)			
4-Chloro-3-methylphenol	92.8	U	3.00		54.0	ug/L	24		58		(0%-30%)			
4-Chloroaniline	92.8	TU	3.30	JT	8.31	ug/L	153	*	9	*	(0%-30%)			
4-Chlorophenylphenylether	92.8	U	3.00		63.8	ug/L	11		69		(0%-30%)			
4-Nitrophenol	92.8	TU	3.00	JT	7.90	ug/L	137	*	9	*	(0%-30%)			
Acenaphthene	92.8	U	0.300		57.6	ug/L	9		62		(0%-30%)			
Acenaphthylene	92.8	U	0.300		52.8	ug/L	12		57		(0%-30%)			

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2810080												
Acetophenone	92.8	U	3.00		62.7	ug/L	9		68	(0%-30%)	NM1	06/10/25 19:08
Aniline	92.8	TU	4.20	JT	12.6	ug/L	120	*	14*	(0%-30%)		
Anthracene	92.8	U	0.300		61.3	ug/L	9		66	(0%-30%)		
Benzo(a)anthracene	92.8	U	0.300		52.7	ug/L	26		57	(0%-30%)		
Benzo(a)pyrene	92.8	U	0.300		49.4	ug/L	28		53	(0%-30%)		
Benzo(b)fluoranthene	92.8	U	0.300		53.0	ug/L	29		57	(0%-30%)		
Benzo(ghi)perylene	92.8	U	0.300		52.6	ug/L	27		57	(0%-30%)		
Benzo(k)fluoranthene	92.8	U	0.300		52.8	ug/L	27		57	(0%-30%)		
Benzyl alcohol	92.8	U	3.00		43.2	ug/L	51	*	47	(0%-30%)		
Butylbenzylphthalate	92.8	U	0.300		59.3	ug/L	15		64	(0%-30%)		
Carbazole	92.8	U	0.300		66.3	ug/L	3		71	(0%-30%)		
Chrysene	92.8	U	0.300		54.9	ug/L	26		59	(0%-30%)		
Di-n-butylphthalate	92.8	U	0.300		63.3	ug/L	9		68	(0%-30%)		
Di-n-octylphthalate	92.8	U	0.300		52.0	ug/L	22		56	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2810080												
Dibenzo(a,h)anthracene	92.8	U	0.300		49.2	ug/L	25		53	(0%-30%)	NM1	06/10/25 19:08
Dibenzofuran	92.8	U	3.00		62.5	ug/L	10		67	(0%-30%)		
Diethylphthalate	92.8	U	0.300		63.9	ug/L	5		69	(0%-30%)		
Dimethylphthalate	92.8	U	0.300		61.7	ug/L	9		66	(0%-30%)		
Fluoranthene	92.8	U	0.300		61.1	ug/L	12		66	(0%-30%)		
Fluorene	92.8	U	0.300		61.0	ug/L	9		66	(0%-30%)		
Hexachlorobenzene	92.8	U	3.00		55.7	ug/L	22		60	(0%-30%)		
Hexachlorobutadiene	92.8	U	3.00		49.8	ug/L	9		54	(0%-30%)		
Hexachlorocyclopentadiene	92.8	U	3.00		34.2	ug/L	17		37	(0%-30%)		
Hexachloroethane	92.8	U	3.00		46.9	ug/L	5		51	(0%-30%)		
Indeno(1,2,3-cd)pyrene	92.8	U	0.300		48.6	ug/L	27		52	(0%-30%)		
Isophorone	92.8	U	3.50		52.3	ug/L	11		56	(0%-30%)		
N-Methyl-N-nitrosomethylamine	92.8	U	3.00		32.7	ug/L	50	*	35	(0%-30%)		
N-Nitrosodipropylamine	92.8	U	3.00		58.5	ug/L	10		63	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2810080												
N-Nitrosopyrrolidine	92.8	U	3.00		41.2	ug/L	46	*	44	(0%-30%)	NM1	06/10/25 19:08
Naphthalene	92.8	U	0.300		56.1	ug/L	7		60	(0%-30%)		
Nitrobenzene	92.8	U	3.00		52.3	ug/L	9		56	(0%-30%)		
Pentachlorophenol	92.8	U	3.00		28.4	ug/L	85	*	31	(0%-30%)		
Phenanthrene	92.8	U	0.300		62.4	ug/L	9		67	(0%-30%)		
Phenol	92.8	U	3.00		23.3	ug/L	57	*	25	(0%-30%)		
Pyrene	92.8	U	0.300		62.0	ug/L	12		67	(0%-30%)		
Pyridine	92.8	U	3.00		18.6	ug/L	27		20	(0%-30%)		
Tributylphosphate	92.8	U	3.00		61.3	ug/L	7		66	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	92.8	U	3.00		52.9	ug/L	7		57	(0%-30%)		
bis(2-Chloroethoxy)methane	92.8	U	3.00		56.8	ug/L	12		61	(0%-30%)		
bis(2-Chloroethyl) ether	92.8	U	3.00		57.4	ug/L	12		62	(0%-30%)		
bis(2-Ethylhexyl)phthalate	92.8	U	0.300		52.3	ug/L	25		56	(0%-30%)		
diphenylamine+N-nitrosodiphenylamine	92.8	U	3.00		65.6	ug/L	8		71	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2810080												
m,p-Cresols	92.8	U	3.70		42.0	ug/L	40	*	45	(0%-30%)	NM1	06/10/25 19:08
m-Nitroaniline	92.8	TU	3.00	T	29.5	ug/L	80	*	32*	(0%-30%)		
o-Cresol	92.8	U	3.00		43.3	ug/L	38	*	47	(0%-30%)		
o-Nitroaniline	92.8	U	3.00		54.0	ug/L	15		58	(0%-30%)		
p-Nitroaniline	92.8	U	3.00		53.9	ug/L	29		58	(0%-30%)		
**2,4,6-Tribromophenol	186		59.3		76.7	ug/L			41	(31%-126%)		
**2-Fluorobiphenyl	92.8		28.6		56.5	ug/L			61	(35%-107%)		
**2-Fluorophenol	186		32.2		35.5	ug/L			19	(15%-72%)		
**Nitrobenzene-d5	92.8		26.2		51.7	ug/L			56	(34%-107%)		
**Phenol-d5	186		21.8		44.3	ug/L			24	(15%-85%)		
**p-Terphenyl-d14	92.8		30.5		49.2	ug/L			53	(20%-118%)		
Batch 2810498												
QC1206133924 LCS												
1,2,4,5-Tetrachlorobenzene	50.0				23.5	ug/L			47	(37%-107%)	NM1	06/11/25 17:59
1,2,4-Trichlorobenzene	50.0				22.2	ug/L			44	(39%-101%)		
1,2-Dichlorobenzene	50.0				21.5	ug/L			43	(35%-96%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
1,3-Dichlorobenzene	50.0			20.6	ug/L		41	(37%-91%)	NM1	06/11/25 17:59
1,4-Dichlorobenzene	50.0			20.7	ug/L		41	(39%-93%)		
1,4-Dioxane	50.0		O	12.3	ug/L		25*	(39%-68%)		
2,3,4,6-Tetrachlorophenol	50.0			26.3	ug/L		53	(44%-126%)		
2,4,5-Trichlorophenol	50.0			26.0	ug/L		52	(46%-129%)		
2,4,6-Trichlorophenol	50.0			24.7	ug/L		49	(46%-124%)		
2,4-Dichlorophenol	50.0			22.4	ug/L		45	(44%-118%)		
2,4-Dimethylphenol	50.0		O	15.9	ug/L		32*	(42%-91%)		
2,4-Dinitrophenol	50.0			24.7	ug/L		49	(24%-147%)		
2,4-Dinitrotoluene	50.0			26.1	ug/L		52	(44%-133%)		
2,6-Dichlorophenol	50.0			23.8	ug/L		48	(44%-116%)		
2,6-Dinitrotoluene	50.0			25.9	ug/L		52	(52%-126%)		
2-Chloronaphthalene	50.0			24.5	ug/L		49	(44%-111%)		
2-Chlorophenol	50.0		O	18.0	ug/L		36*	(40%-102%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
2-Methyl-4,6-dinitrophenol	50.0			24.3	ug/L		49	(37%-146%)	NM1	06/11/25 17:59
2-Methylnaphthalene	50.0			27.2	ug/L		54	(44%-108%)		
2-Nitrophenol	50.0		O	21.0	ug/L		42*	(44%-117%)		
3,3'-Dichlorobenzidine	50.0			25.2	ug/L		50	(45%-126%)		
4-Bromophenylphenylether	50.0			29.0	ug/L		58	(46%-122%)		
4-Chloro-3-methylphenol	50.0			22.2	ug/L		44	(43%-114%)		
4-Chloroaniline	50.0			24.4	ug/L		49	(49%-117%)		
4-Chlorophenylphenylether	50.0			28.6	ug/L		57	(50%-126%)		
4-Nitrophenol	50.0		JO	7.73	ug/L		15*	(19%-94%)		
Acenaphthene	50.0			25.7	ug/L		51	(47%-112%)		
Acenaphthylene	50.0			23.4	ug/L		47	(46%-110%)		
Acetophenone	50.0			26.1	ug/L		52	(42%-109%)		
Aniline	50.0		O	17.4	ug/L		35*	(38%-93%)		
Anthracene	50.0			27.3	ug/L		55	(51%-116%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Benzo(a)anthracene	50.0			24.7	ug/L		49	(49%-117%)	NM1	06/11/25 17:59
Benzo(a)pyrene	50.0		O	22.5	ug/L		45*	(49%-120%)		
Benzo(b)fluoranthene	50.0			24.7	ug/L		49	(49%-119%)		
Benzo(ghi)perylene	50.0			23.1	ug/L		46	(43%-129%)		
Benzo(k)fluoranthene	50.0		O	23.7	ug/L		47*	(49%-120%)		
Benzyl alcohol	50.0			20.1	ug/L		40	(36%-98%)		
Butylbenzylphthalate	50.0			25.6	ug/L		51	(49%-120%)		
Carbazole	50.0			29.0	ug/L		58	(49%-124%)		
Chrysene	50.0		O	25.5	ug/L		51*	(52%-122%)		
Di-n-butylphthalate	50.0			27.2	ug/L		54	(51%-128%)		
Di-n-octylphthalate	50.0		O	21.2	ug/L		42*	(45%-128%)		
Dibenzo(a,h)anthracene	50.0			21.5	ug/L		43	(43%-126%)		
Dibenzofuran	50.0			27.8	ug/L		56	(49%-120%)		
Diethylphthalate	50.0			28.4	ug/L		57	(53%-126%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Dimethylphthalate	50.0			27.4	ug/L		55	(54%-126%)	NM1	06/11/25 17:59
Fluoranthene	50.0			28.3	ug/L		57	(52%-126%)		
Fluorene	50.0			27.2	ug/L		54	(51%-116%)		
Hexachlorobenzene	50.0			26.2	ug/L		52	(47%-120%)		
Hexachlorobutadiene	50.0			20.2	ug/L		40	(39%-98%)		
Hexachlorocyclopentadiene	50.0		O	13.4	ug/L		27*	(32%-85%)		
Hexachloroethane	50.0			18.5	ug/L		37	(34%-85%)		
Indeno(1,2,3-cd)pyrene	50.0		O	21.4	ug/L		43*	(46%-123%)		
Isophorone	50.0			22.3	ug/L		45	(37%-114%)		
N-Methyl-N-nitrosomethylamine	50.0		O	13.4	ug/L		27*	(33%-79%)		
N-Nitrosodipropylamine	50.0			24.0	ug/L		48	(44%-118%)		
N-Nitrosopyrrolidine	50.0		O	19.5	ug/L		39*	(41%-114%)		
Naphthalene	50.0			23.6	ug/L		47	(45%-106%)		
Nitrobenzene	50.0		O	21.9	ug/L		44*	(47%-110%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Pentachlorophenol	50.0			27.6	ug/L		55	(38%-128%)	NM1	06/11/25 17:59
Phenanthrene	50.0			28.3	ug/L		57	(51%-116%)		
Phenol	50.0		J	8.03	ug/L		16	(12%-90%)		
Pyrene	50.0			28.5	ug/L		57	(46%-126%)		
Pyridine	50.0		O	11.5	ug/L		23*	(28%-79%)		
Tributylphosphate	50.0			26.0	ug/L		52	(52%-133%)		
bis(2-Chloro-1-methylethyl)ether	50.0			20.4	ug/L		41	(38%-112%)		
bis(2-Chloroethoxy)methane	50.0			24.3	ug/L		49	(49%-114%)		
bis(2-Chloroethyl) ether	50.0			23.3	ug/L		47	(42%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			22.2	ug/L		44	(43%-124%)		
diphenylamine+N-nitrosodiphenylamine	50.0			29.1	ug/L		58	(46%-121%)		
m,p-Cresols	50.0		O	15.4	ug/L		31*	(36%-90%)		
m-Nitroaniline	50.0			25.3	ug/L		51	(48%-130%)		
o-Cresol	50.0		O	15.8	ug/L		32*	(36%-98%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
o-Nitroaniline	50.0		JO	24.2	ug/L		48*	(51%-127%)	NM1	06/11/25 17:59
p-Nitroaniline	50.0			27.6	ug/L		55	(47%-138%)		
**2,4,6-Tribromophenol	100			57.9	ug/L		58	(31%-126%)		
**2-Fluorobiphenyl	50.0			25.4	ug/L		51	(35%-107%)		
**2-Fluorophenol	100			21.4	ug/L		21	(15%-72%)		
**Nitrobenzene-d5	50.0			22.1	ug/L		44	(34%-107%)		
**Phenol-d5	100			15.7	ug/L		16	(15%-85%)		
**p-Terphenyl-d14	50.0			22.4	ug/L		45	(20%-118%)		
QC1206133923 MB										
1,2,4,5-Tetrachlorobenzene			U	3.00	ug/L					06/11/25 17:37
1,2,4-Trichlorobenzene			U	3.00	ug/L					
1,2-Dichlorobenzene			U	3.00	ug/L					
1,3,5-Trinitrobenzene			U	3.00	ug/L					
1,3-Dichlorobenzene			U	3.00	ug/L					
1,4-Dichlorobenzene			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
1,4-Dioxane			U	3.00	ug/L				NM1	06/11/25 17:37
1,4-Naphthoquinone			U	3.00	ug/L					
1-Naphthylamine			U	3.00	ug/L					
2,3,4,6-Tetrachlorophenol			U	3.00	ug/L					
2,4,5-Trichlorophenol			U	3.00	ug/L					
2,4,6-Trichlorophenol			U	3.00	ug/L					
2,4-Dichlorophenol			U	3.00	ug/L					
2,4-Dimethylphenol			U	3.00	ug/L					
2,4-Dinitrophenol			U	5.00	ug/L					
2,4-Dinitrotoluene			U	3.00	ug/L					
2,6-Dichlorophenol			U	3.00	ug/L					
2,6-Dinitrotoluene			U	3.00	ug/L					
2-Acetylaminofluorene			U	3.00	ug/L					
2-Chloronaphthalene			U	0.410	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
2-Chlorophenol			U	3.00	ug/L				NM1	06/11/25 17:37
2-Methyl-4,6-dinitrophenol			U	3.00	ug/L					
2-Methylnaphthalene			U	0.300	ug/L					
2-Naphthylamine			U	3.00	ug/L					
2-Nitrophenol			U	3.00	ug/L					
2-Picoline			U	3.00	ug/L					
3,3'-Dichlorobenzidine			U	3.00	ug/L					
3,3'-Dimethylbenzidine			U	3.30	ug/L					
3-Methylcholanthrene			U	3.00	ug/L					
4-Aminobiphenyl			U	3.00	ug/L					
4-Bromophenylphenylether			U	3.00	ug/L					
4-Chloro-3-methylphenol			U	3.00	ug/L					
4-Chloroaniline			U	3.30	ug/L					
4-Chlorophenylphenylether			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
4-Nitrophenol			U	3.00	ug/L				NM1	06/11/25 17:37
4-Nitroquinoline-1-oxide			U	3.80	ug/L					
5-Nitro-o-toluidine			U	3.00	ug/L					
7,12-Dimethylbenz(a)anthracene			U	3.00	ug/L					
Acenaphthene			U	0.300	ug/L					
Acenaphthylene			U	0.300	ug/L					
Acetophenone			U	3.00	ug/L					
Aniline			U	4.20	ug/L					
Anthracene			U	0.300	ug/L					
Aramite			U	3.70	ug/L					
Benzo(a)anthracene			U	0.300	ug/L					
Benzo(a)pyrene			U	0.300	ug/L					
Benzo(b)fluoranthene			U	0.300	ug/L					
Benzo(ghi)perylene			U	0.300	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Benzo(k)fluoranthene			U	0.300	ug/L				NM1	06/11/25 17:37
Benzyl alcohol			U	3.00	ug/L					
Butylbenzylphthalate			U	0.300	ug/L					
Carbazole			U	0.300	ug/L					
Chlorobenzilate			U	3.00	ug/L					
Chrysene			U	0.300	ug/L					
Di-n-butylphthalate			U	0.300	ug/L					
Di-n-octylphthalate			U	0.300	ug/L					
Diallate			U	3.00	ug/L					
Dibenzo(a,h)anthracene			U	0.300	ug/L					
Dibenzofuran			U	3.00	ug/L					
Diethylphthalate			U	0.300	ug/L					
Dimethoate			U	3.00	ug/L					
Dimethylphthalate			U	0.300	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Dinoseb			U	3.00	ug/L				NM1	06/11/25 17:37
Disulfoton			U	3.00	ug/L					
Ethyl Methanesulfonate			U	3.00	ug/L					
Famphur			U	5.00	ug/L					
Fluoranthene			U	0.300	ug/L					
Fluorene			U	0.300	ug/L					
Hexachlorobenzene			U	3.00	ug/L					
Hexachlorobutadiene			U	3.00	ug/L					
Hexachlorocyclopentadiene			U	3.00	ug/L					
Hexachloroethane			U	3.00	ug/L					
Hexachlorophene			U	167	ug/L					
Hexachloropropene			U	3.00	ug/L					
Indeno(1,2,3-cd)pyrene			U	0.300	ug/L					
Isodrin			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Isophorone			U	3.50	ug/L				NM1	06/11/25 17:37
Isosafrole			U	3.00	ug/L					
Kepone			U	3.00	ug/L					
Methapyrilene			U	3.00	ug/L					
Methyl methanesulfonate			U	3.00	ug/L					
Methyl parathion			U	3.00	ug/L					
N-Methyl-N-nitrosomethylamine			U	3.00	ug/L					
N-Nitrosodi-n-butylamine			U	3.00	ug/L					
N-Nitrosodiethylamine			U	3.00	ug/L					
N-Nitrosodipropylamine			U	3.00	ug/L					
N-Nitrosomethylethylamine			U	3.00	ug/L					
N-Nitrosomorpholine			U	3.00	ug/L					
N-Nitrosopiperidine			U	3.00	ug/L					
N-Nitrosopyrrolidine			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Naphthalene			U	0.300	ug/L				NM1	06/11/25 17:37
Nitrobenzene			U	3.00	ug/L					
Parathion			U	3.00	ug/L					
Pentachlorobenzene			U	3.00	ug/L					
Pentachloroethane			U	3.00	ug/L					
Pentachloronitrobenzene			U	3.40	ug/L					
Pentachlorophenol			U	3.00	ug/L					
Phenacetin			U	3.00	ug/L					
Phenanthrene			U	0.300	ug/L					
Phenol			U	3.00	ug/L					
Phorate			U	3.00	ug/L					
Pronamide			U	3.00	ug/L					
Pyrene			U	0.300	ug/L					
Pyridine			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Safrole			U	3.00	ug/L				NM1	06/11/25 17:37
Sulfotepp			U	3.00	ug/L					
Thionazin			U	3.00	ug/L					
Tributylphosphate			U	3.00	ug/L					
Triethylphosphorothioate			U	3.00	ug/L					
a,a-Dimethylphenethylamine			U	3.00	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	3.00	ug/L					
bis(2-Chloroethoxy)methane			U	3.00	ug/L					
bis(2-Chloroethyl) ether			U	3.00	ug/L					
bis(2-Ethylhexyl)phthalate			U	0.300	ug/L					
diphenylamine+N-nitrosodiphenylamine			U	3.00	ug/L					
m,p-Cresols			U	3.70	ug/L					
m-Dinitrobenzene			U	3.00	ug/L					
m-Nitroaniline			U	3.00	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
o-Cresol			U	3.00	ug/L				NM1	06/11/25 17:37
o-Nitroaniline			U	3.00	ug/L					
o-Toluidine			U	3.00	ug/L					
p-(Dimethylamino)azobenzene			U	3.00	ug/L					
p-Nitroaniline			U	3.00	ug/L					
p-Phenylenediamine			U	100	ug/L					
**2,4,6-Tribromophenol	100			66.3	ug/L		66	(31%-126%)		
**2-Fluorobiphenyl	50.0			32.3	ug/L		65	(35%-107%)		
**2-Fluorophenol	100			32.6	ug/L		33	(15%-72%)		
**Nitrobenzene-d5	50.0			27.9	ug/L		56	(34%-107%)		
**Phenol-d5	100			22.5	ug/L		22	(15%-85%)		
**p-Terphenyl-d14	50.0			30.8	ug/L		62	(20%-118%)		
QC1206133927 727372005 MS										
1,2,4,5-Tetrachlorobenzene	90.1	U	3.00	54.4	ug/L		60	(30%-112%)		06/11/25 20:16
1,2,4-Trichlorobenzene	90.1	U	3.00	50.8	ug/L		56	(27%-108%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810498											
1,2-Dichlorobenzene	90.1	U	3.00		47.7	ug/L		53	(28%-99%)	NM1	06/11/25 20:16
1,3-Dichlorobenzene	90.1	U	3.00		45.9	ug/L		51	(28%-94%)		
1,4-Dichlorobenzene	90.1	U	3.00		45.9	ug/L		51	(32%-93%)		
1,4-Dioxane	90.1	OU	3.00	O	35.4	ug/L		39	(25%-88%)		
2,3,4,6-Tetrachlorophenol	90.1	U	3.00		60.7	ug/L		67	(39%-129%)		
2,4,5-Trichlorophenol	90.1	U	3.00		61.3	ug/L		68	(40%-126%)		
2,4,6-Trichlorophenol	90.1	U	3.00		59.6	ug/L		66	(39%-128%)		
2,4-Dichlorophenol	90.1	U	3.00		57.9	ug/L		64	(40%-117%)		
2,4-Dimethylphenol	90.1	OU	3.00	O	41.5	ug/L		46	(30%-99%)		
2,4-Dinitrophenol	90.1	U	5.00		56.8	ug/L		63	(20%-138%)		
2,4-Dinitrotoluene	90.1	U	3.00		58.7	ug/L		65	(31%-145%)		
2,6-Dichlorophenol	90.1	U	3.00		58.3	ug/L		65	(39%-120%)		
2,6-Dinitrotoluene	90.1	U	3.00		59.2	ug/L		66	(40%-129%)		
2-Chloronaphthalene	90.1	U	0.410		55.1	ug/L		61	(32%-116%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
2-Chlorophenol	90.1 OU	3.00	O	50.5	ug/L		56	(36%-110%)	NM1	06/11/25 20:16
2-Methyl-4,6-dinitrophenol	90.1 U	3.00		57.5	ug/L		64	(28%-146%)		
2-Methylnaphthalene	90.1 U	0.300		61.8	ug/L		69	(34%-112%)		
2-Nitrophenol	90.1 OU	3.00	O	52.7	ug/L		58	(36%-121%)		
3,3'-Dichlorobenzidine	90.1 U	3.00		59.0	ug/L		66	(33%-124%)		
4-Bromophenylphenylether	90.1 U	3.00		64.7	ug/L		72	(39%-128%)		
4-Chloro-3-methylphenol	90.1 U	3.00		58.8	ug/L		65	(38%-123%)		
4-Chloroaniline	90.1 U	3.30		57.7	ug/L		64	(34%-120%)		
4-Chlorophenylphenylether	90.1 U	3.00		64.5	ug/L		72	(41%-129%)		
4-Nitrophenol	90.1 OU	3.00	O	32.8	ug/L		36	(19%-94%)		
Acenaphthene	90.1 U	0.300		57.2	ug/L		64	(33%-118%)		
Acenaphthylene	90.1 U	0.300		52.6	ug/L		58	(36%-116%)		
Acetophenone	90.1 U	3.00		59.1	ug/L		66	(36%-113%)		
Aniline	90.1 OU	4.20	O	47.4	ug/L		53	(29%-109%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810498											
Anthracene	90.1	U	0.300		60.7	ug/L		67	(41%-121%)	NM1	06/11/25 20:16
Benzo(a)anthracene	90.1	U	0.300		60.0	ug/L		67	(41%-121%)		
Benzo(a)pyrene	90.1	OU	0.300	O	56.5	ug/L		63	(39%-122%)		
Benzo(b)fluoranthene	90.1	U	0.300		61.4	ug/L		68	(38%-122%)		
Benzo(ghi)perylene	90.1	U	0.300		57.9	ug/L		64	(33%-126%)		
Benzo(k)fluoranthene	90.1	OU	0.300	O	60.4	ug/L		67	(41%-122%)		
Benzyl alcohol	90.1	U	3.00		59.2	ug/L		66	(29%-114%)		
Butylbenzylphthalate	90.1	U	0.300		63.4	ug/L		70	(39%-133%)		
Carbazole	90.1	U	0.300		63.1	ug/L		70	(42%-127%)		
Chrysene	90.1	OU	0.300	O	63.0	ug/L		70	(40%-126%)		
Di-n-butylphthalate	90.1	U	0.300		63.7	ug/L		71	(40%-130%)		
Di-n-octylphthalate	90.1	OU	0.300	O	58.6	ug/L		65	(35%-132%)		
Dibenzo(a,h)anthracene	90.1	U	0.300		54.1	ug/L		60	(31%-128%)		
Dibenzofuran	90.1	U	3.00		62.0	ug/L		69	(40%-120%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810498											
Diethylphthalate	90.1	U	0.300		63.8	ug/L		71	(42%-133%)	NM1	06/11/25 20:16
Dimethylphthalate	90.1	U	0.300		61.9	ug/L		69	(42%-130%)		
Fluoranthene	90.1	U	0.300		63.2	ug/L		70	(41%-126%)		
Fluorene	90.1	U	0.300		60.2	ug/L		67	(39%-123%)		
Hexachlorobenzene	90.1	U	3.00		60.0	ug/L		67	(41%-121%)		
Hexachlorobutadiene	90.1	U	3.00		47.5	ug/L		53	(23%-96%)		
Hexachlorocyclopentadiene	90.1	OU	3.00	O	33.1	ug/L		37	(17%-86%)		
Hexachloroethane	90.1	U	3.00		42.0	ug/L		47	(24%-92%)		
Indeno(1,2,3-cd)pyrene	90.1	OU	0.300	O	53.9	ug/L		60	(31%-126%)		
Isophorone	90.1	U	3.50		50.7	ug/L		56	(36%-115%)		
N-Methyl-N-nitrosomethylamine	90.1	OU	3.00	O	39.9	ug/L		44	(22%-98%)		
N-Nitrosodipropylamine	90.1	U	3.00		54.1	ug/L		60	(34%-119%)		
N-Nitrosopyrrolidine	90.1	OU	3.00	O	50.1	ug/L		56	(40%-123%)		
Naphthalene	90.1	U	0.300		52.7	ug/L		59	(31%-108%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Nitrobenzene	90.1 OU	3.00	O	48.9	ug/L		54	(38%-116%)	NM1	06/11/25 20:16
Pentachlorophenol	90.1 U	3.00		63.8	ug/L		71	(29%-140%)		
Phenanthrene	90.1 U	0.300		62.4	ug/L		69	(42%-118%)		
Phenol	90.1 U	3.00		30.0	ug/L		33	(21%-75%)		
Pyrene	90.1 U	0.300		63.8	ug/L		71	(36%-126%)		
Pyridine	90.1 OU	3.00	O	35.6	ug/L		39	(19%-103%)		
Tributylphosphate	90.1 U	3.00		61.7	ug/L		68	(42%-142%)		
bis(2-Chloro-1-methylethyl)ether	90.1 U	3.00		47.1	ug/L		52	(29%-119%)		
bis(2-Chloroethoxy)methane	90.1 U	3.00		54.7	ug/L		61	(36%-122%)		
bis(2-Chloroethyl) ether	90.1 U	3.00		53.5	ug/L		59	(34%-115%)		
bis(2-Ethylhexyl)phthalate	90.1 U	0.300		60.8	ug/L		67	(32%-128%)		
diphenylamine+N-nitrosodiphenylamine	90.1 U	3.00		63.9	ug/L		71	(38%-122%)		
m,p-Cresols	90.1 OU	3.70	O	49.2	ug/L		55	(27%-108%)		
m-Nitroaniline	90.1 U	3.00		59.5	ug/L		66	(34%-135%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2810498											
o-Cresol	90.1	OU	3.00	O	48.6	ug/L		54	(33%-106%)	NM1	06/11/25 20:16
o-Nitroaniline	90.1	OU	3.00	O	54.2	ug/L		60	(29%-131%)		
p-Nitroaniline	90.1	U	3.00		63.2	ug/L		70	(35%-139%)		
**2,4,6-Tribromophenol	180		74.4		129	ug/L		72	(31%-126%)		
**2-Fluorobiphenyl	90.1		37.3		55.9	ug/L		62	(35%-107%)		
**2-Fluorophenol	180		33.1		72.4	ug/L		40	(15%-72%)		
**Nitrobenzene-d5	90.1		31.7		48.3	ug/L		54	(34%-107%)		
**Phenol-d5	180		23.7		58.4	ug/L		32	(15%-85%)		
**p-Terphenyl-d14	90.1		33.4		60.1	ug/L		67	(20%-118%)		
QC1206133928 727372005 MSD											
1,2,4,5-Tetrachlorobenzene	90.1	U	3.00		57.3	ug/L	5	64	(0%-30%)		06/11/25 20:39
1,2,4-Trichlorobenzene	90.1	U	3.00		51.0	ug/L	0	57	(0%-30%)		
1,2-Dichlorobenzene	90.1	U	3.00		44.6	ug/L	7	50	(0%-30%)		
1,3-Dichlorobenzene	90.1	U	3.00		42.3	ug/L	8	47	(0%-30%)		
1,4-Dichlorobenzene	90.1	U	3.00		42.8	ug/L	7	47	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
1,4-Dioxane	90.1 OU	3.00	O	31.4	ug/L	12	35	(0%-30%)	NM1	06/11/25 20:39
2,3,4,6-Tetrachlorophenol	90.1 U	3.00		63.6	ug/L	5	71	(0%-30%)		
2,4,5-Trichlorophenol	90.1 U	3.00		63.2	ug/L	3	70	(0%-30%)		
2,4,6-Trichlorophenol	90.1 U	3.00		62.3	ug/L	5	69	(0%-30%)		
2,4-Dichlorophenol	90.1 U	3.00		59.1	ug/L	2	66	(0%-30%)		
2,4-Dimethylphenol	90.1 OU	3.00	O	43.3	ug/L	4	48	(0%-30%)		
2,4-Dinitrophenol	90.1 U	5.00		57.8	ug/L	2	64	(0%-30%)		
2,4-Dinitrotoluene	90.1 U	3.00		60.3	ug/L	3	67	(0%-30%)		
2,6-Dichlorophenol	90.1 U	3.00		59.1	ug/L	1	66	(0%-30%)		
2,6-Dinitrotoluene	90.1 U	3.00		60.8	ug/L	3	67	(0%-30%)		
2-Chloronaphthalene	90.1 U	0.410		58.4	ug/L	6	65	(0%-30%)		
2-Chlorophenol	90.1 OU	3.00	O	47.5	ug/L	6	53	(0%-30%)		
2-Methyl-4,6-dinitrophenol	90.1 U	3.00		59.0	ug/L	3	65	(0%-30%)		
2-Methylnaphthalene	90.1 U	0.300		62.9	ug/L	2	70	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
2-Nitrophenol	90.1 OU	3.00	O	53.1	ug/L	1	59	(0%-30%)	NM1	06/11/25 20:39
3,3'-Dichlorobenzidine	90.1 U	3.00		58.0	ug/L	2	64	(0%-30%)		
4-Bromophenylphenylether	90.1 U	3.00		68.7	ug/L	6	76	(0%-30%)		
4-Chloro-3-methylphenol	90.1 U	3.00		60.9	ug/L	3	68	(0%-30%)		
4-Chloroaniline	90.1 U	3.30		59.8	ug/L	4	66	(0%-30%)		
4-Chlorophenylphenylether	90.1 U	3.00		67.5	ug/L	5	75	(0%-30%)		
4-Nitrophenol	90.1 OU	3.00	O	31.7	ug/L	3	35	(0%-30%)		
Acenaphthene	90.1 U	0.300		59.4	ug/L	4	66	(0%-30%)		
Acenaphthylene	90.1 U	0.300		54.8	ug/L	4	61	(0%-30%)		
Acetophenone	90.1 U	3.00		58.6	ug/L	1	65	(0%-30%)		
Aniline	90.1 OU	4.20	O	44.6	ug/L	6	50	(0%-30%)		
Anthracene	90.1 U	0.300		63.4	ug/L	4	70	(0%-30%)		
Benzo(a)anthracene	90.1 U	0.300		61.7	ug/L	3	68	(0%-30%)		
Benzo(a)pyrene	90.1 OU	0.300	O	58.5	ug/L	3	65	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2810498												
Benzo(b)fluoranthene	90.1	U	0.300		63.4	ug/L	3	70	(0%-30%)	NM1	06/11/25	20:39
Benzo(ghi)perylene	90.1	U	0.300		59.4	ug/L	3	66	(0%-30%)			
Benzo(k)fluoranthene	90.1	OU	0.300	O	62.9	ug/L	4	70	(0%-30%)			
Benzyl alcohol	90.1	U	3.00		58.6	ug/L	1	65	(0%-30%)			
Butylbenzylphthalate	90.1	U	0.300		64.1	ug/L	1	71	(0%-30%)			
Carbazole	90.1	U	0.300		66.2	ug/L	5	74	(0%-30%)			
Chrysene	90.1	OU	0.300	O	63.8	ug/L	1	71	(0%-30%)			
Di-n-butylphthalate	90.1	U	0.300		66.4	ug/L	4	74	(0%-30%)			
Di-n-octylphthalate	90.1	OU	0.300	O	58.7	ug/L	0	65	(0%-30%)			
Dibenzo(a,h)anthracene	90.1	U	0.300		55.4	ug/L	2	61	(0%-30%)			
Dibenzofuran	90.1	U	3.00		64.9	ug/L	4	72	(0%-30%)			
Diethylphthalate	90.1	U	0.300		64.4	ug/L	1	71	(0%-30%)			
Dimethylphthalate	90.1	U	0.300		63.2	ug/L	2	70	(0%-30%)			
Fluoranthene	90.1	U	0.300		65.7	ug/L	4	73	(0%-30%)			

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
Fluorene	90.1 U	0.300		63.0	ug/L	5	70	(0%-30%)	NM1	06/11/25 20:39
Hexachlorobenzene	90.1 U	3.00		63.0	ug/L	5	70	(0%-30%)		
Hexachlorobutadiene	90.1 U	3.00		46.7	ug/L	2	52	(0%-30%)		
Hexachlorocyclopentadiene	90.1 OU	3.00	O	34.1	ug/L	3	38	(0%-30%)		
Hexachloroethane	90.1 U	3.00		38.8	ug/L	8	43	(0%-30%)		
Indeno(1,2,3-cd)pyrene	90.1 OU	0.300	O	54.1	ug/L	0	60	(0%-30%)		
Isophorone	90.1 U	3.50		53.5	ug/L	5	59	(0%-30%)		
N-Methyl-N-nitrosomethylamine	90.1 OU	3.00	O	36.6	ug/L	8	41	(0%-30%)		
N-Nitrosodipropylamine	90.1 U	3.00		55.0	ug/L	2	61	(0%-30%)		
N-Nitrosopyrrolidine	90.1 OU	3.00	O	52.8	ug/L	5	59	(0%-30%)		
Naphthalene	90.1 U	0.300		53.3	ug/L	1	59	(0%-30%)		
Nitrobenzene	90.1 OU	3.00	O	49.1	ug/L	0	55	(0%-30%)		
Pentachlorophenol	90.1 U	3.00		66.0	ug/L	3	73	(0%-30%)		
Phenanthrene	90.1 U	0.300		64.8	ug/L	4	72	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2810498												
Phenol	90.1	U	3.00		28.0	ug/L	7	31	(0%-30%)	NM1	06/11/25	20:39
Pyrene	90.1	U	0.300		66.5	ug/L	4	74	(0%-30%)			
Pyridine	90.1	OU	3.00	O	29.5	ug/L	19	33	(0%-30%)			
Tributylphosphate	90.1	U	3.00		62.3	ug/L	1	69	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	90.1	U	3.00		45.1	ug/L	4	50	(0%-30%)			
bis(2-Chloroethoxy)methane	90.1	U	3.00		56.8	ug/L	4	63	(0%-30%)			
bis(2-Chloroethyl) ether	90.1	U	3.00		51.2	ug/L	5	57	(0%-30%)			
bis(2-Ethylhexyl)phthalate	90.1	U	0.300		60.9	ug/L	0	68	(0%-30%)			
diphenylamine+N-nitrosodiphenylamine	90.1	U	3.00		67.0	ug/L	5	74	(0%-30%)			
m,p-Cresols	90.1	OU	3.70	O	49.0	ug/L	0	54	(0%-30%)			
m-Nitroaniline	90.1	U	3.00		61.9	ug/L	4	69	(0%-30%)			
o-Cresol	90.1	OU	3.00	O	48.6	ug/L	0	54	(0%-30%)			
o-Nitroaniline	90.1	OU	3.00	O	58.6	ug/L	8	65	(0%-30%)			
p-Nitroaniline	90.1	U	3.00		64.8	ug/L	3	72	(0%-30%)			

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2810498										
**2,4,6-Tribromophenol	180	74.4		132	ug/L		73	(31%-126%)	NM1	06/11/25 20:39
**2-Fluorobiphenyl	90.1	37.3		58.5	ug/L		65	(35%-107%)		
**2-Fluorophenol	180	33.1		65.5	ug/L		36	(15%-72%)		
**Nitrobenzene-d5	90.1	31.7		49.8	ug/L		55	(34%-107%)		
**Phenol-d5	180	23.7		54.8	ug/L		30	(15%-85%)		
**p-Terphenyl-d14	90.1	33.4		61.4	ug/L		68	(20%-118%)		

Notes:

The Qualifiers in this report are defined as follows:

- U Analyzed for but not detected above the MDL, MDA, MDC or LOD.
- J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated
- P Aroclor target analyte with greater than 25% difference between column analyses.
- C Analyte has been confirmed by GC/MS analysis
- B The analyte was detected in both the associated QC blank and in the sample.
- E Concentration exceeds the calibration range of the instrument
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Spike Sample recovery is outside control limits.
- Z Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- D Results are reported from a diluted aliquot of sample.
- E Reported value is estimated due to interferences. See comment in narrative.
- O Analyte failed to recover within LCS limits (0rganics only)
- T Spike and/or spike duplicate sample recovery is outside control limits.
- Y Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Laboratory holding time exceeded before the sample was analyzed.

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Surrogate Recovery Report

SDG Number: GEL727382

Matrix Type: LIQUID

Sample ID	Client ID	2FP %REC	PHL %REC	NBZ %REC	FBP %REC	TBP %REC	TPH %REC
1206132965	MB for batch 2810078	33	24	57	65	65	63
1206132966	LCS for batch 2810078	32	26	65	71	80	64
1206132967	B4MD44MS	53	43	62	69	73	72
1206132968	B4MD44MSD	19	24	56	61	41	53
727382007	B4MFB7	31	22	58	66	62	37
1206133923	MB for batch 2810493	33	22	56	65	66	62
1206133924	LCS for batch 2810493	21	16	44	51	58	45
1206133927	B4MD65MS	40	32	54	62	72	67
1206133928	B4MD65MSD	36	30	55	65	73	68
727382001	B4MF94	33	24	68	80	76	54
727382005	B4MFB1	27	18	56	65	61	35
727382006	B4MFB2	22	17	55	63	60	29

Surrogate		Acceptance Limits
2FP	= 2-Fluorophenol	(15%-72%)
PHL	= Phenol-d5	(15%-85%)
NBZ	= Nitrobenzene-d5	(34%-107%)
FBP	= 2-Fluorobiphenyl	(35%-107%)
TBP	= 2,4,6-Tribromophenol	(31%-126%)
TPH	= p-Terphenyl-d14	(20%-118%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Pesticide Analysis

Case Narrative

GC Semivolatile Pesticide
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL727382
Work Order #: 727382

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2808826

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 13
Preparation Batch: 2808823

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
727382001	B4MF94
727382002	B4MF96
727382003	B4MF97
727382004	B4MF99
727382005	B4MFB1
727382006	B4MFB2
727382007	B4MFB7
1206130217	Method Blank (MB)
1206130218	Laboratory Control Sample (LCS)
1206130221	727382001(B4MF94) Matrix Spike (MS)
1206130222	727382001(B4MF94) Matrix Spike Duplicate (MSD)
1206130229	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification (CCV) Requirements
Calibration verification standards (ICV or CCV) requirements have not been met for samples in this batch in this SDG. One or more target analytes failed acceptance criteria with a positive bias in the standards bracketing the samples in this SDG. These target analytes were not detected above the PQL in the associated environmental samples; therefore, the non-compliance had no adverse effect on the data.

Technical Information

Florisil
Florisil clean-up was not performed on client and quality control samples in this batch.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

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Qualifier Definition Report
for

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL727382 GEL Work Order: 727382

The Qualifiers in this report are defined as follows:

J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated

U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

DL Indicates that sample is diluted.

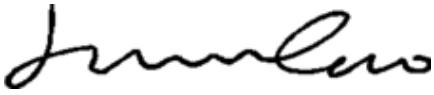
RA Indicates that sample is re-analyzed without re-extraction.

RE Indicates that sample is re-extracted.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature:  **Name: Jimin Cao**

Date: 03 JUL 2025 **Title: Data Validator**

Sample Data Summary

Pesticide
Certificate of Analysis
Sample Summary

SDG Number: GEL727382
Lab Sample ID: 727382001
Client ID: B4MF94
Batch ID: 2808826
Run Date: 06/06/2025 21:44
Prep Date: 06/06/2025 10:43
Data File: 060625\E6F0634.D
060625\E6F0634.D

Date Collected: 06/04/2025 08:35
Date Received: 06/05/2025 09:15
Client: CPRC003
Method: SW846 3535A/8081B
Inst: ECD6A.I
Analyst: LOF
Aliquot: 1000 mL
Column: 2 P2
1 Description: RTX-CLP

Matrix: WATER
Project: CPRC0W25006
SOP Ref: GL-OA-E-041
Dilution: 1
Inj. Vol: 1 uL
Final Volume: 5 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00665	ug/L	0.00665	0.0200	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00665	ug/L	0.00665	0.0200	0.050	1
76-44-8	Heptachlor	U	0.00665	ug/L	0.00665	0.0200	0.050	1
309-00-2	Aldrin	U	0.00665	ug/L	0.00665	0.0200	0.050	1
319-85-7	beta-BHC	U	0.00665	ug/L	0.00665	0.0200	0.050	1
319-86-8	delta-BHC	U	0.00665	ug/L	0.00665	0.0200	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00665	ug/L	0.00665	0.0200	0.050	1
5103-74-2	trans-Chlordane	U	0.00665	ug/L	0.00665	0.0200	0.500	1
5103-71-9	cis-Chlordane	U	0.00665	ug/L	0.00665	0.0200	0.050	1
72-55-9	4,4'-DDE	U	0.0100	ug/L	0.0100	0.0400	0.100	1
959-98-8	Endosulfan I	U	0.00665	ug/L	0.00665	0.0200	0.050	1
60-57-1	Dieldrin	U	0.0100	ug/L	0.0100	0.0400	0.050	1
72-20-8	Endrin	U	0.0100	ug/L	0.0100	0.0400	0.100	1
33213-65-9	Endosulfan II	U	0.0100	ug/L	0.0100	0.0400	0.100	1
72-54-8	4,4'-DDD	U	0.0100	ug/L	0.0100	0.0400	0.100	1
50-29-3	4,4'-DDT	U	0.0100	ug/L	0.0100	0.0400	0.100	1
7421-93-4	Endrin aldehyde	U	0.00665	ug/L	0.00665	0.0400	0.100	1
1031-07-8	Endosulfan sulfate	U	0.0100	ug/L	0.0100	0.0400	0.100	1
53494-70-5	Endrin ketone	U	0.0100	ug/L	0.0100	0.0400	0.100	1
72-43-5	Methoxychlor	U	0.0500	ug/L	0.0500	0.200	0.500	1
8001-35-2	Toxaphene	U	0.150	ug/L	0.150	0.500	2.00	1

Pesticide
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 11:32	**Matrix:**	WATER
Lab Sample ID:	727382002	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MF96	**Method:**	SW846 3535A/8081B	**SOP Ref:**	GL-OA-E-041
Batch ID:	2808826	**Inst:**	ECD6A.I	**Dilution:**	1
Run Date:	06/06/2025 22:32	**Analyst:**	LOF	**Inj. Vol:**	1 uL
Prep Date:	06/06/2025 10:43	**Aliquot:**	1043.09 mL	**Final Volume:**	5 mL
Data File:	060625\E6F0637.D	**Column:**	2 P2		
	060625\E6F0637.D		1 Description: RTX-CLP		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00638	ug/L	0.00638	0.0192	0.050	1
76-44-8	Heptachlor	U	0.00638	ug/L	0.00638	0.0192	0.050	1
309-00-2	Aldrin	U	0.00638	ug/L	0.00638	0.0192	0.050	1
319-85-7	beta-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
319-86-8	delta-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00638	ug/L	0.00638	0.0192	0.050	1
5103-74-2	trans-Chlordane	U	0.00638	ug/L	0.00638	0.0192	0.500	1
5103-71-9	cis-Chlordane	U	0.00638	ug/L	0.00638	0.0192	0.050	1
72-55-9	4,4'-DDE	U	0.00959	ug/L	0.00959	0.0383	0.100	1
959-98-8	Endosulfan I	U	0.00638	ug/L	0.00638	0.0192	0.050	1
60-57-1	Dieldrin	U	0.00959	ug/L	0.00959	0.0383	0.050	1
72-20-8	Endrin	U	0.00959	ug/L	0.00959	0.0383	0.100	1
33213-65-9	Endosulfan II	U	0.00959	ug/L	0.00959	0.0383	0.100	1
72-54-8	4,4'-DDD	U	0.00959	ug/L	0.00959	0.0383	0.100	1
50-29-3	4,4'-DDT	U	0.00959	ug/L	0.00959	0.0383	0.100	1
7421-93-4	Endrin aldehyde	U	0.00638	ug/L	0.00638	0.0383	0.100	1
1031-07-8	Endosulfan sulfate	U	0.00959	ug/L	0.00959	0.0383	0.100	1
53494-70-5	Endrin ketone	U	0.00959	ug/L	0.00959	0.0383	0.100	1
72-43-5	Methoxychlor	U	0.0479	ug/L	0.0479	0.192	0.500	1
8001-35-2	Toxaphene	U	0.144	ug/L	0.144	0.479	2.00	1

Pesticide
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 06:45**	**Matrix:**	**WATER**
Lab Sample ID:	**727382003**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MF97**	**Method:**	**SW846 3535A/8081B**	**SOP Ref:**	**GL-OA-E-041**
Batch ID:	**2808826**	**Inst:**	**ECD6A.I**	**Dilution:**	**1**
Run Date:	**06/06/2025 22:48**	**Analyst:**	**LOF**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/06/2025 10:43**	**Aliquot:**	**1026.89 mL**	**Final Volume:**	**5 mL**
Data File:	**060625\E6F0638.D**	**Column:**	**2 P2**		
	060625\E6F0638.D		**1 Description: RTX-CLP**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00648	ug/L	0.00648	0.0195	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00648	ug/L	0.00648	0.0195	0.050	1
76-44-8	Heptachlor	U	0.00648	ug/L	0.00648	0.0195	0.050	1
309-00-2	Aldrin	U	0.00648	ug/L	0.00648	0.0195	0.050	1
319-85-7	beta-BHC	U	0.00648	ug/L	0.00648	0.0195	0.050	1
319-86-8	delta-BHC	U	0.00648	ug/L	0.00648	0.0195	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00648	ug/L	0.00648	0.0195	0.050	1
5103-74-2	trans-Chlordane	U	0.00648	ug/L	0.00648	0.0195	0.500	1
5103-71-9	cis-Chlordane	U	0.00648	ug/L	0.00648	0.0195	0.050	1
72-55-9	4,4'-DDE	U	0.00974	ug/L	0.00974	0.0390	0.100	1
959-98-8	Endosulfan I	U	0.00648	ug/L	0.00648	0.0195	0.050	1
60-57-1	Dieldrin	U	0.00974	ug/L	0.00974	0.0390	0.050	1
72-20-8	Endrin	U	0.00974	ug/L	0.00974	0.0390	0.100	1
33213-65-9	Endosulfan II	U	0.00974	ug/L	0.00974	0.0390	0.100	1
72-54-8	4,4'-DDD	U	0.00974	ug/L	0.00974	0.0390	0.100	1
50-29-3	4,4'-DDT	U	0.00974	ug/L	0.00974	0.0390	0.100	1
7421-93-4	Endrin aldehyde	U	0.00648	ug/L	0.00648	0.0390	0.100	1
1031-07-8	Endosulfan sulfate	U	0.00974	ug/L	0.00974	0.0390	0.100	1
53494-70-5	Endrin ketone	U	0.00974	ug/L	0.00974	0.0390	0.100	1
72-43-5	Methoxychlor	U	0.0487	ug/L	0.0487	0.195	0.500	1
8001-35-2	Toxaphene	U	0.146	ug/L	0.146	0.487	2.00	1

Pesticide
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 07:56**	**Matrix:**	**WATER**
Lab Sample ID:	**727382004**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MF99**	**Method:**	**SW846 3535A/8081B**	**SOP Ref:**	**GL-OA-E-041**
Batch ID:	**2808826**	**Inst:**	**ECD6A.I**	**Dilution:**	**1**
Run Date:	**06/06/2025 23:05**	**Analyst:**	**LOF**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/06/2025 10:43**	**Aliquot:**	**1048.78 mL**	**Final Volume:**	**5 mL**
Data File:	**060625\E6F0639.D**	**Column:**	**2 P2**		
	060625\E6F0639.D		**1 Description: RTX-CLP**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00634	ug/L	0.00634	0.0191	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00634	ug/L	0.00634	0.0191	0.050	1
76-44-8	Heptachlor	U	0.00634	ug/L	0.00634	0.0191	0.050	1
309-00-2	Aldrin	U	0.00634	ug/L	0.00634	0.0191	0.050	1
319-85-7	beta-BHC	U	0.00634	ug/L	0.00634	0.0191	0.050	1
319-86-8	delta-BHC	U	0.00634	ug/L	0.00634	0.0191	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00634	ug/L	0.00634	0.0191	0.050	1
5103-74-2	trans-Chlordane	U	0.00634	ug/L	0.00634	0.0191	0.500	1
5103-71-9	cis-Chlordane	U	0.00634	ug/L	0.00634	0.0191	0.050	1
72-55-9	4,4'-DDE	U	0.00953	ug/L	0.00953	0.0381	0.100	1
959-98-8	Endosulfan I	U	0.00634	ug/L	0.00634	0.0191	0.050	1
60-57-1	Dieldrin	U	0.00953	ug/L	0.00953	0.0381	0.050	1
72-20-8	Endrin	U	0.00953	ug/L	0.00953	0.0381	0.100	1
33213-65-9	Endosulfan II	U	0.00953	ug/L	0.00953	0.0381	0.100	1
72-54-8	4,4'-DDD	U	0.00953	ug/L	0.00953	0.0381	0.100	1
50-29-3	4,4'-DDT	U	0.00953	ug/L	0.00953	0.0381	0.100	1
7421-93-4	Endrin aldehyde	U	0.00634	ug/L	0.00634	0.0381	0.100	1
1031-07-8	Endosulfan sulfate	U	0.00953	ug/L	0.00953	0.0381	0.100	1
53494-70-5	Endrin ketone	U	0.00953	ug/L	0.00953	0.0381	0.100	1
72-43-5	Methoxychlor	U	0.0477	ug/L	0.0477	0.191	0.500	1
8001-35-2	Toxaphene	U	0.143	ug/L	0.143	0.477	2.00	1

Pesticide
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/04/2025 10:37**	**Matrix:**	**WATER**
Lab Sample ID:	**727382005**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB1**	**Method:**	**SW846 3535A/8081B**	**SOP Ref:**	**GL-OA-E-041**
Batch ID:	**2808826**	**Inst:**	**ECD6A.I**	**Dilution:**	**1**
Run Date:	**06/06/2025 23:21**	**Analyst:**	**LOF**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/06/2025 10:43**	**Aliquot:**	**1042.17 mL**	**Final Volume:**	**5 mL**
Data File:	**060625\E6F0640.D**	**Column:**	**1 Description: RTX-CLP**		
	060625\E6F0640.D		**2 P2**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00638	ug/L	0.00638	0.0192	0.050	1
76-44-8	Heptachlor	U	0.00638	ug/L	0.00638	0.0192	0.050	1
309-00-2	Aldrin	U	0.00638	ug/L	0.00638	0.0192	0.050	1
319-85-7	beta-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
319-86-8	delta-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00638	ug/L	0.00638	0.0192	0.050	1
5103-74-2	trans-Chlordane	U	0.00638	ug/L	0.00638	0.0192	0.500	1
5103-71-9	cis-Chlordane	U	0.00638	ug/L	0.00638	0.0192	0.050	1
72-55-9	4,4'-DDE	U	0.00960	ug/L	0.00960	0.0384	0.100	1
959-98-8	Endosulfan I	U	0.00638	ug/L	0.00638	0.0192	0.050	1
60-57-1	Dieldrin	U	0.00960	ug/L	0.00960	0.0384	0.050	1
72-20-8	Endrin	U	0.00960	ug/L	0.00960	0.0384	0.100	1
33213-65-9	Endosulfan II	U	0.00960	ug/L	0.00960	0.0384	0.100	1
72-54-8	4,4'-DDD	U	0.00960	ug/L	0.00960	0.0384	0.100	1
50-29-3	4,4'-DDT	U	0.00960	ug/L	0.00960	0.0384	0.100	1
7421-93-4	Endrin aldehyde	U	0.00638	ug/L	0.00638	0.0384	0.100	1
1031-07-8	Endosulfan sulfate	U	0.00960	ug/L	0.00960	0.0384	0.100	1
53494-70-5	Endrin ketone	U	0.00960	ug/L	0.00960	0.0384	0.100	1
72-43-5	Methoxychlor	U	0.0480	ug/L	0.0480	0.192	0.500	1
8001-35-2	Toxaphene	U	0.144	ug/L	0.144	0.480	2.00	1

Pesticide
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 10:37	**Matrix:**	WATER
Lab Sample ID:	727382006	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB2	**Method:**	SW846 3535A/8081B	**SOP Ref:**	GL-OA-E-041
Batch ID:	2808826	**Inst:**	ECD6A.I	**Dilution:**	1
Run Date:	06/06/2025 23:37	**Analyst:**	LOF	**Inj. Vol:**	1 uL
Prep Date:	06/06/2025 10:43	**Aliquot:**	1043.02 mL	**Final Volume:**	5 mL
Data File:	060625\E6F0641.D	**Column:**	1 Description: RTX-CLP		
	060625\E6F0641.D		2 P2		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00638	ug/L	0.00638	0.0192	0.050	1
76-44-8	Heptachlor	U	0.00638	ug/L	0.00638	0.0192	0.050	1
309-00-2	Aldrin	U	0.00638	ug/L	0.00638	0.0192	0.050	1
319-85-7	beta-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
319-86-8	delta-BHC	U	0.00638	ug/L	0.00638	0.0192	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00638	ug/L	0.00638	0.0192	0.050	1
5103-74-2	trans-Chlordane	U	0.00638	ug/L	0.00638	0.0192	0.500	1
5103-71-9	cis-Chlordane	U	0.00638	ug/L	0.00638	0.0192	0.050	1
72-55-9	4,4'-DDE	U	0.00959	ug/L	0.00959	0.0384	0.100	1
959-98-8	Endosulfan I	U	0.00638	ug/L	0.00638	0.0192	0.050	1
60-57-1	Dieldrin	U	0.00959	ug/L	0.00959	0.0384	0.050	1
72-20-8	Endrin	U	0.00959	ug/L	0.00959	0.0384	0.100	1
33213-65-9	Endosulfan II	U	0.00959	ug/L	0.00959	0.0384	0.100	1
72-54-8	4,4'-DDD	U	0.00959	ug/L	0.00959	0.0384	0.100	1
50-29-3	4,4'-DDT	U	0.00959	ug/L	0.00959	0.0384	0.100	1
7421-93-4	Endrin aldehyde	U	0.00638	ug/L	0.00638	0.0384	0.100	1
1031-07-8	Endosulfan sulfate	U	0.00959	ug/L	0.00959	0.0384	0.100	1
53494-70-5	Endrin ketone	U	0.00959	ug/L	0.00959	0.0384	0.100	1
72-43-5	Methoxychlor	U	0.0479	ug/L	0.0479	0.192	0.500	1
8001-35-2	Toxaphene	U	0.144	ug/L	0.144	0.479	2.00	1

Pesticide
Certificate of Analysis
Sample Summary

SDG Number:	**GEL727382**	**Date Collected:**	**06/03/2025 11:23**	**Matrix:**	**WATER**
Lab Sample ID:	**727382007**	**Date Received:**	**06/05/2025 09:15**		
		Client:	**CPRC003**	**Project:**	**CPRC0W25006**
Client ID:	**B4MFB7**	**Method:**	**SW846 3535A/8081B**	**SOP Ref:**	**GL-OA-E-041**
Batch ID:	**2808826**	**Inst:**	**ECD6A.I**	**Dilution:**	**1**
Run Date:	**06/06/2025 23:53**	**Analyst:**	**LOF**	**Inj. Vol:**	**1 uL**
Prep Date:	**06/06/2025 10:43**	**Aliquot:**	**1045.3 mL**	**Final Volume:**	**5 mL**
Data File:	**060625\E6F0642.D**	**Column:**	**1 Description: RTX-CLP**		
	060625\E6F0642.D		**2 P2**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL	Column
319-84-6	alpha-BHC	U	0.00636	ug/L	0.00636	0.0191	0.050	1
58-89-9	gamma-BHC (Lindane)	U	0.00636	ug/L	0.00636	0.0191	0.050	1
76-44-8	Heptachlor	U	0.00636	ug/L	0.00636	0.0191	0.050	1
309-00-2	Aldrin	U	0.00636	ug/L	0.00636	0.0191	0.050	1
319-85-7	beta-BHC	U	0.00636	ug/L	0.00636	0.0191	0.050	1
319-86-8	delta-BHC	U	0.00636	ug/L	0.00636	0.0191	0.050	1
1024-57-3	Heptachlor epoxide	U	0.00636	ug/L	0.00636	0.0191	0.050	1
5103-74-2	trans-Chlordane	U	0.00636	ug/L	0.00636	0.0191	0.500	1
5103-71-9	cis-Chlordane	U	0.00636	ug/L	0.00636	0.0191	0.050	1
72-55-9	4,4'-DDE	U	0.00957	ug/L	0.00957	0.0383	0.100	1
959-98-8	Endosulfan I	U	0.00636	ug/L	0.00636	0.0191	0.050	1
60-57-1	Dieldrin	U	0.00957	ug/L	0.00957	0.0383	0.050	1
72-20-8	Endrin	U	0.00957	ug/L	0.00957	0.0383	0.100	1
33213-65-9	Endosulfan II	U	0.00957	ug/L	0.00957	0.0383	0.100	1
72-54-8	4,4'-DDD	U	0.00957	ug/L	0.00957	0.0383	0.100	1
50-29-3	4,4'-DDT	U	0.00957	ug/L	0.00957	0.0383	0.100	1
7421-93-4	Endrin aldehyde	U	0.00636	ug/L	0.00636	0.0383	0.100	1
1031-07-8	Endosulfan sulfate	U	0.00957	ug/L	0.00957	0.0383	0.100	1
53494-70-5	Endrin ketone	U	0.00957	ug/L	0.00957	0.0383	0.100	1
72-43-5	Methoxychlor	U	0.0478	ug/L	0.0478	0.191	0.500	1
8001-35-2	Toxaphene	U	0.143	ug/L	0.143	0.478	2.00	1

Quality Control Summary

Surrogate Recovery Report

SDG Number: GEL727382

Matrix Type: LIQUID

Sample ID	Client ID	4CMX 1 %REC #	4CMX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #
1206130217	MB for batch 2808823	77	81	97	95
1206130218	LCS for batch 2808823	76	78	97	95
1206130229	LCS for batch 2808823	76	79	100	98
727382001	B4MF94	81	85	99	97
1206130221	B4MF94MS	82	84	101	99
1206130222	B4MF94MSD	85	87	104	102
727382002	B4MF96	77	80	86	84
727382003	B4MF97	79	81	99	97
727382004	B4MF99	85	87	104	102
727382005	B4MFB1	78	79	105	101
727382006	B4MFB2	87	86	104	100
727382007	B4MFB7	78	81	97	94

Surrogate		Acceptance Limits
4CMX	= 4cmx	(30%-108%)
DCB	= Decachlorobiphenyl	(40%-130%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

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QC Summary

Report Date: June 13, 2025

Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington

Contact: **Ms. Heather Medley**

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-Pesticide											
Batch 2808826											
QC1206130218 LCS											
4,4'-DDD	1.25			1.43	ug/L		114	(54%-142%)	LOF	06/06/25	17:41
4,4'-DDE	1.25			1.30	ug/L		104	(53%-130%)			
4,4'-DDT	1.25			1.28	ug/L		102	(52%-141%)			
Aldrin	0.500			0.436	ug/L		87	(23%-129%)			
Dieldrin	1.25			1.22	ug/L		97	(60%-135%)			
Endosulfan I	0.500			0.464	ug/L		93	(55%-125%)			
Endosulfan II	1.25			1.26	ug/L		101	(52%-129%)			
Endosulfan sulfate	1.25			1.37	ug/L		110	(60%-144%)			
Endrin	1.25			1.63	ug/L		131	(41%-158%)			
Endrin aldehyde	1.25			1.36	ug/L		108	(48%-146%)			
Endrin ketone	1.25			1.22	ug/L		98	(63%-142%)			
Heptachlor	0.500			0.486	ug/L		97	(53%-129%)			

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2808826										
Heptachlor epoxide	0.500			0.515	ug/L		103	(55%-135%)	LOF	06/06/25 17:41
Methoxychlor	5.00			5.51	ug/L		110	(57%-138%)		
alpha-BHC	0.500			0.531	ug/L		106	(55%-134%)		
beta-BHC	0.500			0.489	ug/L		98	(54%-131%)		
cis-Chlordane	0.500			0.495	ug/L		99	(57%-130%)		
delta-BHC	0.500			0.517	ug/L		103	(61%-138%)		
gamma-BHC (Lindane)	0.500			0.491	ug/L		98	(56%-133%)		
trans-Chlordane	0.500			0.471	ug/L		94	(51%-131%)		
**4cmx	1.00			0.757	ug/L		76	(30%-108%)		
**Decachlorobiphenyl	1.00			0.948	ug/L		95	(40%-130%)		
QC1206130229 LCS										
Toxaphene	4.00			4.69	ug/L		117	(53%-121%)		06/06/25 17:57
**4cmx	1.00			0.757	ug/L		76	(30%-108%)		
**Decachlorobiphenyl	1.00			0.984	ug/L		98	(40%-130%)		
QC1206130217 MB										
4,4'-DDD			U	0.0100	ug/L					06/06/25 17:25

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2808826										
4,4'-DDE			U	0.0100	ug/L				LOF	06/06/25 17:25
4,4'-DDT			U	0.0100	ug/L					
Aldrin			U	0.00665	ug/L					
Dieldrin			U	0.0100	ug/L					
Endosulfan I			U	0.00665	ug/L					
Endosulfan II			U	0.0100	ug/L					
Endosulfan sulfate			U	0.0100	ug/L					
Endrin			U	0.0100	ug/L					
Endrin aldehyde			U	0.00665	ug/L					
Endrin ketone			U	0.0100	ug/L					
Heptachlor			U	0.00665	ug/L					
Heptachlor epoxide			U	0.00665	ug/L					
Methoxychlor			U	0.0500	ug/L					
Toxaphene			U	0.150	ug/L					

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2808826										
alpha-BHC			U	0.00665	ug/L				LOF	06/06/25 17:25
beta-BHC			U	0.00665	ug/L					
cis-Chlordane			U	0.00665	ug/L					
delta-BHC			U	0.00665	ug/L					
gamma-BHC (Lindane)			U	0.00665	ug/L					
trans-Chlordane			U	0.00665	ug/L					
**4cmx	1.00			0.765	ug/L		77	(30%-108%)		
**Decachlorobiphenyl	1.00			0.954	ug/L		95	(40%-130%)		
QC1206130221 727382001 MS										
4,4'-DDD	1.25	U	0.0100	1.54	ug/L		123	(40%-144%)		06/06/25 22:00
4,4'-DDE	1.25	U	0.0100	1.41	ug/L		112	(39%-135%)		
4,4'-DDT	1.25	U	0.0100	1.39	ug/L		111	(40%-149%)		
Aldrin	0.500	U	0.00665	0.476	ug/L		95	(11%-131%)		
Dieldrin	1.25	U	0.0100	1.28	ug/L		102	(42%-144%)		
Endosulfan I	0.500	U	0.00665	0.496	ug/L		99	(40%-138%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2808826											
Endosulfan II	1.25	U	0.0100		1.33	ug/L		106	(39%-137%)	LOF	06/06/25 22:00
Endosulfan sulfate	1.25	U	0.0100		1.44	ug/L		115	(44%-153%)		
Endrin	1.25	U	0.0100		1.70	ug/L		136	(27%-160%)		
Endrin aldehyde	1.25	U	0.00665		1.43	ug/L		114	(38%-150%)		
Endrin ketone	1.25	U	0.0100		1.30	ug/L		104	(46%-148%)		
Heptachlor	0.500	U	0.00665		0.534	ug/L		107	(36%-137%)		
Heptachlor epoxide	0.500	U	0.00665		0.557	ug/L		111	(42%-145%)		
Methoxychlor	5.00	U	0.0500		5.86	ug/L		117	(42%-145%)		
alpha-BHC	0.500	U	0.00665		0.574	ug/L		115	(42%-142%)		
beta-BHC	0.500	U	0.00665		0.536	ug/L		107	(41%-142%)		
cis-Chlordane	0.500	U	0.00665		0.526	ug/L		105	(38%-137%)		
delta-BHC	0.500	U	0.00665		0.560	ug/L		112	(45%-149%)		
gamma-BHC (Lindane)	0.500	U	0.00665		0.538	ug/L		108	(40%-139%)		
trans-Chlordane	0.500	U	0.00665	J	0.497	ug/L		99	(38%-142%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2808826											
**4cmx	1.00		0.815		0.818	ug/L		82	(30%-108%)	LOF	06/06/25 22:00
**Decachlorobiphenyl	1.00		0.974		0.993	ug/L		99	(40%-130%)		
QC1206130222 727382001 MSD											
4,4'-DDD	1.25	U	0.0100		1.58	ug/L	3	127	(0%-30%)		06/06/25 22:16
4,4'-DDE	1.25	U	0.0100		1.46	ug/L	4	117	(0%-30%)		
4,4'-DDT	1.25	U	0.0100		1.45	ug/L	4	116	(0%-30%)		
Aldrin	0.500	U	0.00665		0.493	ug/L	4	99	(0%-30%)		
Dieldrin	1.25	U	0.0100		1.34	ug/L	4	107	(0%-30%)		
Endosulfan I	0.500	U	0.00665		0.519	ug/L	5	104	(0%-30%)		
Endosulfan II	1.25	U	0.0100		1.38	ug/L	4	110	(0%-30%)		
Endosulfan sulfate	1.25	U	0.0100		1.48	ug/L	3	119	(0%-30%)		
Endrin	1.25	U	0.0100		1.78	ug/L	4	142	(0%-30%)		
Endrin aldehyde	1.25	U	0.00665		1.48	ug/L	4	119	(0%-30%)		
Endrin ketone	1.25	U	0.0100		1.33	ug/L	2	106	(0%-30%)		
Heptachlor	0.500	U	0.00665		0.553	ug/L	4	111	(0%-30%)		

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QC Summary

Workorder: **727382**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2808826											
Heptachlor epoxide	0.500	U	0.00665		0.582	ug/L	5	116	(0%-30%)	LOF	06/06/25 22:16
Methoxychlor	5.00	U	0.0500		6.03	ug/L	3	121	(0%-30%)		
alpha-BHC	0.500	U	0.00665		0.601	ug/L	5	120	(0%-30%)		
beta-BHC	0.500	U	0.00665		0.551	ug/L	3	110	(0%-30%)		
cis-Chlordane	0.500	U	0.00665		0.553	ug/L	5	111	(0%-30%)		
delta-BHC	0.500	U	0.00665		0.577	ug/L	3	115	(0%-30%)		
gamma-BHC (Lindane)	0.500	U	0.00665		0.554	ug/L	3	111	(0%-30%)		
trans-Chlordane	0.500	U	0.00665		0.525	ug/L	6	105	(0%-30%)		
**4cmx	1.00		0.815		0.849	ug/L		85	(30%-108%)		
**Decachlorobiphenyl	1.00		0.974		1.02	ug/L		102	(40%-130%)		

Notes:

The Qualifiers in this report are defined as follows:

- U Analyzed for but not detected above the MDL, MDA, MDC or LOD.
- J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated
- P Aroclor target analyte with greater than 25% difference between column analyses.
- C Analyte has been confirmed by GC/MS analysis
- B The analyte was detected in both the associated QC blank and in the sample.
- E Concentration exceeds the calibration range of the instrument
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N Spike Sample recovery is outside control limits.

Z Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

D Results are reported from a diluted aliquot of sample.

E Reported value is estimated due to interferences. See comment in narrative.

O Analyte failed to recover within LCS limits (0rganics only)

T Spike and/or spike duplicate sample recovery is outside control limits.

Y Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

H Laboratory holding time exceeded before the sample was analyzed.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PCB Analysis

Case Narrative

GC Semivolatile PCB
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL727382
Work Order #: 727382

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: 8082_PCB_GC
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2809189

Preparation Method: SW846 3535A RSV
Preparation Procedure: GL-OA-E-070 REV# 13
Preparation Batch: 2809186

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
727382001	B4MF94
727382002	B4MF96
727382003	B4MF97
727382004	B4MF99
727382005	B4MFB1
727382006	B4MFB2
727382007	B4MFB7
1206130974	Method Blank (MB)
1206130975	Laboratory Control Sample (LCS)
1206130976	727126017(B4MFB6) Matrix Spike (MS)
1206130977	727126017(B4MFB6) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations
Samples 1206130974 (MB), 1206130975 (LCS), 1206130976 (B4MFB6MS), 1206130977 (B4MFB6MSD), 727382001 (B4MF94), 727382002 (B4MF96), 727382003 (B4MF97), 727382004 (B4MF99) and 727382005 (B4MFB1) required manual integration to correctly position the baseline as set in the calibration standard injections and to properly identify one or more peaks.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

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Qualifier Definition Report
for

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL727382 GEL Work Order: 727382

The Qualifiers in this report are defined as follows:

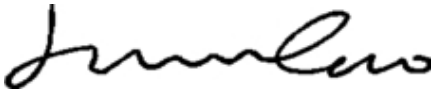
U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

DL Indicates that sample is diluted.
RA Indicates that sample is re-analyzed without re-extraction.
RE Indicates that sample is re-extracted.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature:  **Name: Jimin Cao**

Date: 02 JUL 2025 **Title: Data Validator**

Sample Data Summary

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 08:35	**Matrix:**	WATER
Lab Sample ID:	727382001	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MF94	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 19:56	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	247.46 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0937.D	**Column:**	2 RTX-CLPEST 2		
	060925\e8F0937.D		1 RTX-CLPEST 1		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.135	ug/L	0.135	0.404	1
11104-28-2	Aroclor-1221	U	0.135	ug/L	0.135	0.404	1
11141-16-5	Aroclor-1232	U	0.135	ug/L	0.135	0.404	1
53469-21-9	Aroclor-1242	U	0.135	ug/L	0.135	0.404	1
12672-29-6	Aroclor-1248	U	0.135	ug/L	0.135	0.404	1
11097-69-1	Aroclor-1254	U	0.135	ug/L	0.135	0.404	1
11096-82-5	Aroclor-1260	U	0.135	ug/L	0.135	0.404	1

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 11:32	**Matrix:**	WATER
Lab Sample ID:	727382002	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MF96	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 20:08	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	247.76 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0938.D	**Column:**	1 RTX-CLPEST 1		
	060925\e8F0938.D		2 RTX-CLPEST 2		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.134	ug/L	0.134	0.404	1
11104-28-2	Aroclor-1221	U	0.134	ug/L	0.134	0.404	1
11141-16-5	Aroclor-1232	U	0.134	ug/L	0.134	0.404	1
53469-21-9	Aroclor-1242	U	0.134	ug/L	0.134	0.404	1
12672-29-6	Aroclor-1248	U	0.134	ug/L	0.134	0.404	1
11097-69-1	Aroclor-1254	U	0.134	ug/L	0.134	0.404	1
11096-82-5	Aroclor-1260	U	0.134	ug/L	0.134	0.404	1

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 06:45	**Matrix:**	WATER
Lab Sample ID:	727382003	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MF97	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 20:21	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	247.6 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0939.D	**Column:**	2 RTX-CLPEST 2		
	060925\e8F0939.D		1 RTX-CLPEST 1		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.134	ug/L	0.134	0.404	1
11104-28-2	Aroclor-1221	U	0.134	ug/L	0.134	0.404	1
11141-16-5	Aroclor-1232	U	0.134	ug/L	0.134	0.404	1
53469-21-9	Aroclor-1242	U	0.134	ug/L	0.134	0.404	1
12672-29-6	Aroclor-1248	U	0.134	ug/L	0.134	0.404	1
11097-69-1	Aroclor-1254	U	0.134	ug/L	0.134	0.404	1
11096-82-5	Aroclor-1260	U	0.134	ug/L	0.134	0.404	1

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 07:56	**Matrix:**	WATER
Lab Sample ID:	727382004	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MF99	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 20:34	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	246.44 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0940.D	**Column:**	2 RTX-CLPEST 2		
	060925\e8F0940.D		1 RTX-CLPEST 1		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.135	ug/L	0.135	0.406	1
11104-28-2	Aroclor-1221	U	0.135	ug/L	0.135	0.406	1
11141-16-5	Aroclor-1232	U	0.135	ug/L	0.135	0.406	1
53469-21-9	Aroclor-1242	U	0.135	ug/L	0.135	0.406	1
12672-29-6	Aroclor-1248	U	0.135	ug/L	0.135	0.406	1
11097-69-1	Aroclor-1254	U	0.135	ug/L	0.135	0.406	1
11096-82-5	Aroclor-1260	U	0.135	ug/L	0.135	0.406	1

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 10:37	**Matrix:**	WATER
Lab Sample ID:	727382005	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB1	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 20:47	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	246.36 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0941.D	**Column:**	2 RTX-CLPEST 2		
	060925\e8F0941.D		1 RTX-CLPEST 1		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.135	ug/L	0.135	0.406	1
11104-28-2	Aroclor-1221	U	0.135	ug/L	0.135	0.406	1
11141-16-5	Aroclor-1232	U	0.135	ug/L	0.135	0.406	1
53469-21-9	Aroclor-1242	U	0.135	ug/L	0.135	0.406	1
12672-29-6	Aroclor-1248	U	0.135	ug/L	0.135	0.406	1
11097-69-1	Aroclor-1254	U	0.135	ug/L	0.135	0.406	1
11096-82-5	Aroclor-1260	U	0.135	ug/L	0.135	0.406	1

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/04/2025 10:37	**Matrix:**	WATER
Lab Sample ID:	727382006	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB2	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 21:25	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	250.33 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0944.D	**Column:**	2 RTX-CLPEST 2		
	060925\e8F0944.D		1 RTX-CLPEST 1		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.133	ug/L	0.133	0.399	1
11104-28-2	Aroclor-1221	U	0.133	ug/L	0.133	0.399	1
11141-16-5	Aroclor-1232	U	0.133	ug/L	0.133	0.399	1
53469-21-9	Aroclor-1242	U	0.133	ug/L	0.133	0.399	1
12672-29-6	Aroclor-1248	U	0.133	ug/L	0.133	0.399	1
11097-69-1	Aroclor-1254	U	0.133	ug/L	0.133	0.399	1
11096-82-5	Aroclor-1260	U	0.133	ug/L	0.133	0.399	1

PCB
Certificate of Analysis
Sample Summary

SDG Number:	GEL727382	**Date Collected:**	06/03/2025 11:23	**Matrix:**	WATER
Lab Sample ID:	727382007	**Date Received:**	06/05/2025 09:15		
		Client:	CPRC003	**Project:**	CPRC0W25006
Client ID:	B4MFB7	**Method:**	8082_PCB_GC	**SOP Ref:**	GL-OA-E-040
Batch ID:	2809189	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	06/09/2025 21:38	**Analyst:**	NS2	**Inj. Vol:**	1 uL
Prep Date:	06/09/2025 10:27	**Aliquot:**	251.8 mL	**Final Volume:**	1 mL
Data File:	060925\e8F0945.D	**Column:**	1 RTX-CLPEST 1		
	060925\e8F0945.D		2 RTX-CLPEST 2		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	Column
12674-11-2	Aroclor-1016	U	0.132	ug/L	0.132	0.397	1
11104-28-2	Aroclor-1221	U	0.132	ug/L	0.132	0.397	1
11141-16-5	Aroclor-1232	U	0.132	ug/L	0.132	0.397	1
53469-21-9	Aroclor-1242	U	0.132	ug/L	0.132	0.397	1
12672-29-6	Aroclor-1248	U	0.132	ug/L	0.132	0.397	1
11097-69-1	Aroclor-1254	U	0.132	ug/L	0.132	0.397	1
11096-82-5	Aroclor-1260	U	0.132	ug/L	0.132	0.397	1

Quality Control Summary

Surrogate Recovery Report

SDG Number: GEL727382

Matrix Type: LIQUID

Sample ID	Client ID	4CMX 1 %REC #	4CMX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #
1206130974	MB for batch 2809186	67	68	90	91
1206130975	LCS for batch 2809186	66	68	85	88
1206130976	B4MFB6MS	44	44	58	61
1206130977	B4MFB6MSD	56	57	69	72
727382001	B4MF94	75	77	73	77
727382002	B4MF96	79	85	61	60
727382003	B4MF97	67	69	96	83
727382004	B4MF99	74	75	130	86
727382005	B4MFB1	76	77	86	88
727382006	B4MFB2	76	78	88	90
727382007	B4MFB7	60	61	71	73

Surrogate		Acceptance Limits
4CMX	= 4cmx	(26%-108%)
DCB	= Decachlorobiphenyl	(30%-135%)

* Recovery outside Acceptance Limits
\# Column to be used to flag recovery values
D Sample Diluted

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QC Summary

Report Date: June 11, 2025

Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington

Contact: **Ms. Heather Medley**

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-PCB											
Batch 2809189											
QC1206130975 LCS											
Aroclor-1016	4.00			3.06	ug/L		77	(43%-107%)	NS2	06/09/25	16:05
Aroclor-1260	4.00			3.34	ug/L		84	(41%-111%)			
**4cmx	0.800			0.530	ug/L		66	(26%-108%)			
**Decachlorobiphenyl	0.800			0.682	ug/L		85	(30%-135%)			
QC1206130974 MB											
Aroclor-1016			U	0.133	ug/L					06/09/25	15:52
Aroclor-1221			U	0.133	ug/L						
Aroclor-1232			U	0.133	ug/L						
Aroclor-1242			U	0.133	ug/L						
Aroclor-1248			U	0.133	ug/L						
Aroclor-1254			U	0.133	ug/L						
Aroclor-1260			U	0.133	ug/L						
**4cmx	0.800			0.532	ug/L		67	(26%-108%)			

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2809189										
**Decachlorobiphenyl	0.800			0.723	ug/L		90	(30%-135%)	NS2	06/09/25 15:52
QC1206130976 727126017 MS										
Aroclor-1016	4.01	U	0.132	3.50	ug/L		87	(38%-107%)		06/09/25 18:52
Aroclor-1260	4.01	U	0.132	3.73	ug/L		93	(37%-114%)		
**4cmx	0.802		0.445	0.353	ug/L		44	(26%-108%)		
**Decachlorobiphenyl	0.802		0.576	0.489	ug/L		61	(30%-135%)		
QC1206130977 727126017 MSD										
Aroclor-1016	4.02	U	0.132	3.44	ug/L	2	85	(0%-30%)		06/09/25 19:05
Aroclor-1260	4.02	U	0.132	3.61	ug/L	3	90	(0%-31%)		
**4cmx	0.805		0.445	0.448	ug/L		56	(26%-108%)		
**Decachlorobiphenyl	0.805		0.576	0.578	ug/L		72	(30%-135%)		

Notes:

The Qualifiers in this report are defined as follows:

- U Analyzed for but not detected above the MDL, MDA, MDC or LOD.
- J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated
- P Aroclor target analyte with greater than 25% difference between column analyses.
- C Analyte has been confirmed by GC/MS analysis
- B The analyte was detected in both the associated QC blank and in the sample.
- E Concentration exceeds the calibration range of the instrument
- A The TIC is a suspected aldol-condensation product
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

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QC Summary

Workorder: **727382**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N Spike Sample recovery is outside control limits.

Z Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

D Results are reported from a diluted aliquot of sample.

E Reported value is estimated due to interferences. See comment in narrative.

O Analyte failed to recover within LCS limits (0rganics only)

T Spike and/or spike duplicate sample recovery is outside control limits.

Y Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

H Laboratory holding time exceeded before the sample was analyzed.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.