ATTACHMENT I

EFFLUENT ANALYSIS RESULTS

NEW BRAUNFELS UTILITIES
GRUENE ROAD WATER RECLAMATION FACILITY

APRIL 2025

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112536** **Matrix: Non-Potable Water** **Date/Time Taken: 02/11/2025 08:00**	**PCS Sample #: 791258 Page 1 of 2** **Date/Time Received: 02/11/2025 10:16** **Report Date: 03/20/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Chloride_IC	259	mg/L	2	02/11/2025 13:39	EPA 300.0	JAS
Nitrate-N_IC	16.0	mg/L	0.2	02/11/2025 13:39	EPA 300.0	JAS
Sulfate_IC	76	mg/L	2	02/11/2025 13:39	EPA 300.0	JAS
Fluoride_IC	0.26	mg/L	0.20	02/11/2025 13:39	EPA 300.0	JAS
Pesticides 617	See Attached				DHL	
604.1 Hexachlorophene	See Attached				DHL	
Semi Volatiles 625	See Attached				DHL	
Pesticides 608	See Attached				DHL	

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Chloride_IC	<1	10	95	96	96	102	100	85 - 115	
Nitrate-N_IC	1	20	70	99	98	130	104	85 - 115	
Sulfate_IC	<1	10	94	97	97	101	101	85 - 115	
Fluoride_IC	3	10	87	100	98	105	100	85 - 115	
Pesticides 617	See Attached Report for Quality Assurance Information								
604.1 Hexachlorophene	See Attached Report for Quality Assurance Information								
Semi Volatiles 625	See Attached Report for Quality Assurance Information								
Pesticides 608	See Attached Report for Quality Assurance Information								

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112536** **Matrix: Non-Potable Water** **Date/Time Taken: 02/11/2025 08:00**	**PCS Sample #: 791258 Page 2 of 2** **Date/Time Received: 02/11/2025 10:16** **Report Date: 03/20/2025**

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Pesticides 632		See Attached			DHL	
Pesticide 1657		See Attached			DHL	
Herbicides 615		See Attached			SPL	

Quality Assurance Summary

Test Description	Precision Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Pesticides 632	See Attached Report for Quality Assurance Information							
Pesticide 1657	See Attached Report for Quality Assurance Information							
Herbicides 615	See Attached Report for Quality Assurance Information							

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112537** **Matrix: Non-Potable Water** **Date/Time Taken: 2/11/2025 0800**	**PCS Sample #: 791259 Page 1 of 1** **Date/Time Received: 2/11/2025 10:16** **Report Date: 2/26/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Ammonia-N (ISE)	<0.1	mg/L	0.1	02/13/2025 10:45	SM 4500-NH3 D	CLH
Kjeldahl-N, Total	2	mg/L	1	02/21/2025 11:00	SM 4500-N B/C	PML

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Ammonia-N (ISE)	<1	10	80	88	88	120	89	85 - 115	
Kjeldahl-N, Total	2	10	90	99	97	109	106	85 - 115	<1

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112538** **Matrix: Non-Potable Water** **Date/Time Taken: 02/11/2025 0800**	**PCS Sample #: 791260 Page 1 of 2** **Date/Time Received: 02/11/2025 10:16** **Report Date: 03/21/2025** Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Arsenic/ICP MS	<0.0005	mg/L	0.0005	02/17/2025 11:05	EPA 200.8	DJL
Barium/ICP (Total)	0.006	mg/L	0.003	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL
Cadmium/ICP (Total)	<0.001	mg/L	0.001	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL
Chromium/ICP (Total)	<0.003	mg/L	0.003	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL
Copper/ICP (Total)	0.011	mg/L	0.002	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL
Lead/ICP MS	<0.0005	mg/L	0.0005	02/17/2025 11:05	EPA 200.8	DJL
Aluminum/ICP (Total)	0.096	mg/L	0.0025	03/19/2025 12:37	EPA 200.7 / 6010 B	DJL
Beryllium/ICP (Total)	<0.0005	mg/L	0.0005	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Arsenic/ICP MS	2	20	70	96	97	130	98	85 - 115	
Barium/ICP (Total)	1	20	75	92	91	125	105	85 - 115	
Cadmium/ICP (Total)	1	20	75	96	95	125	100	85 - 115	
Chromium/ICP (Total)	1	20	75	95	94	125	105	85 - 115	
Copper/ICP (Total)	<1	20	75	100	100	125	105	85 - 115	
Lead/ICP MS	1	20	70	102	103	130	103	85 - 115	
Aluminum/ICP (Total)	<1	20	75	102	102	125	95	85 - 115	
Beryllium/ICP (Total)	1	20	75	98	97	125	100	85 - 115	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112538** **Matrix: Non-Potable Water** **Date/Time Taken: 02/11/2025 0800**	**PCS Sample #: 791260 Page 2 of 2** **Date/Time Received: 02/11/2025 10:16** **Report Date: 03/21/2025**

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Trivalent Chromium	<0.003	mg/L	N/A	03/19/2025 10:08	Calculation	DJL
Hexavalent Chrome	<0.003	mg/L	0.003	02/11/2025 16:00	SM 3500-Cr B	DJL
Nickel/ICP (Total)	<0.002	mg/L	0.002	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL
Zinc/ICP (Total)	0.009	mg/L	0.005	03/19/2025 10:08	EPA 200.7 / 6010 B	DJL
Antimony/ICP MS	<0.005	mg/L	0.005	02/17/2025 11:05	EPA 200.8	DJL
Thallium/ICP MS	0.0007	mg/L	0.0005	02/17/2025 11:05	EPA 200.8	DJL
Selenium/ICP MS	<0.005	mg/L	0.005	02/17/2025 11:05	EPA 200.8	DJL
Silver/ICP MS	<0.0005	mg/L	0.0005	02/17/2025 11:05	EPA 200.8	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Trivalent Chromium	N/A	N/A	N/A			N/A			
Hexavalent Chrome	<1	20	75	84	84	125	99	85 - 115	
Nickel/ICP (Total)	2	20	75	90	89	125	105	85 - 115	
Zinc/ICP (Total)	10	20	75	99	90	125	105	85 - 115	
Antimony/ICP MS	<1	20	70	95	95	130	95	85 - 115	
Thallium/ICP MS	2	20	70	100	102	130	99	85 - 115	
Selenium/ICP MS	2	20	70	*N/C	*N/C	130	99	85 - 115	
Silver/ICP MS	<1	20	70	*N/C	*N/C	130	99	85 - 115	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

*Approved for release per QA Plan, Exception to Limits - QAM Section 13-4

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits
**N/C = Not Calculated, Sample Concentration Greater than 5 times the Spike Level*

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112539** **Matrix: Non-Potable Water** **Date/Time Taken: 2/11/2025 0810**	**PCS Sample #: 791261 Page 1 of 1** **Date/Time Received: 2/11/2025 10:16** **Report Date: 2/19/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Oil and Grease (H.E.M.)	<5.0	mg/L	5	02/17/2025 11:00	EPA 1664 Rev	EMV

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Oil and Grease (H.E.M.)	<1	18	N/A	N/A	N/A	N/A	100	78 - 114	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112540** **Matrix: Non-Potable Water** **Date/Time Taken: 2/11/2025 0811**	**PCS Sample #: 791262 Page 1 of 1** **Date/Time Received: 2/11/2025 10:16** **Report Date: 2/20/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Volatiles 624	See Attached				DHL	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

Web Site: www.pcslab.net
eMail: chuck@pcslab.net
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
210-340-0343
FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112541** **Matrix: Non-Potable Water** **Date/Time Taken: 2/11/2025 0812**	**PCS Sample #: 791263 Page 1 of 1** **Date/Time Received: 2/11/2025 10:16** **Report Date: 2/20/2025** **Approved by:** Chuck Wallgren, President

Test Description	Flag	Result	Units	RL	Analysis Date/Time	Method	Analyst
Cyanide, Amenable	+	See Attached				DHL	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

+ Subcontract Work - NELAP Certified Lab

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

Web Site: www.pcslab.net
eMail: chuck@pcslab.net
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
210-340-0343
FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112542** **Matrix: Non-Potable Water** **Date/Time Taken: 2/11/2025 0813**	**PCS Sample #: 791264 Page 1 of 1** **Date/Time Received: 2/11/2025 10:16** **Report Date: 2/27/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Phenols, Distillable	See Attached				SPL	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

Web Site: www.pcslab.net
eMail: chuck@pcslab.net
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
210-340-0343
FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: Gruene TCEQ Major Permit** **Sample ID: Effluent 02112543** **Matrix: Non-Potable Water** **Date/Time Taken: 2/11/2025 0814**	**PCS Sample #: 791265 Page 1 of 1** **Date/Time Received: 2/11/2025 10:16** **Report Date: 2/28/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Mercury/CVAFS	<0.000005	mg/L	0.000005	02/27/2025 08:35	EPA 245.7	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Mercury/CVAFS	6	20	70	91	98	130	103	70 - 130	<1.8ng/L

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Chain of Custody Number
791258

MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

Stamp 1st sample and COC as same number

CUSTOMER INFORMATION	REPORT INFORMATION		
Name: New Braunfels Utilities	Attention: Trish Soechting	Phone: (830) 608-8900	Fax: (830) 626-1361

SAMPLE INFORMATION

Project Information: Gruene TCEQ Major Permit Renewal

Report "Soils" ☐ As Is ☐ Dry Wt.

Collected By: Shawn Bexbrook

Matrix: DW-Drinking Water; NPW-Non-potable water; WW-Wastewater; LW-Liquid Waste

Requested Analysis: (1) SO4, Cl, NO3N, F, ~~[illegible]~~ 604.1 Hex, Herb 615, Pest 1657, 608, 617, 632, SVOC 625; (2) NH3N, TKN; (3) Metals* (Hex Cr Tri Cr); (4) FOG (HEM); (5) VOC 624; (6) CN-A; (7) Phenol (Dist); (8) Low Level Hg

Instructions/Comments: *Al, Ba, Be, Cd, Cr, Cu, Ni, Zn, SbMS, AsMS, PbMS, SeMS, AgMS, TlMS

Client / Field Sample ID	Collected Date	Collected Time	Field Chlorine Residual mg/L	Composite or Grab	Matrix	Container Type	Number	Preservative	SO4, Cl, NO3N, F...	NH3N, TKN	Metals*	FOG (HEM)	VOC 624	CN-A	Phenol (Dist)	Low Level Hg	PCS Sample Number
Effluent 02112536	Start: 2-10-25 End: 2-11-25	Start: 0800 End: 0800		☒C ☐G	☒NPW	☒P ☒G ☐O	8	☒ICE	X								791258 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112537	Start: 2-10-25 End: 2-11-25	Start: 0800 End: 0800		☒C ☐G	☒NPW	☒P ☐G ☐O	1	☒H2SO4 ☒ICE		X							791259 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112538	Start: 2-10-25 End: 2-11-25	Start: 0800 End: 0800		☒C ☐G	☒NPW	☒P ☐G ☐O	2	☒HNO3 ☒ICE			X						791260 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112539	Start: 2-11-25 End:	Start: 0810 End:		☐C ☒G	☒NPW	☐P ☒G ☐O	1	☒H2SO4 ☒ICE				X					791261 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112540	Start: 2-11-25 End:	Start: 0811 End:		☐C ☒G	☒NPW	☐P ☒G ☐O	4	☒ICE					X				791262 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112541	Start: 2-11-25 End:	Start: 0812 End:		☐C ☒G	☒NPW	☒P ☐G ☐O	1	☒NaOH ☒ICE						X			791263 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112542	Start: 2-11-25 End:	Start: 0813 End:		☐C ☒G	☒NPW	☐P ☒G ☐O	1	☒H2SO4 ☒ICE							X		791264 ☐S ☐B ☐N ☐HEM Other:
Effluent 02112543	Start: 2-11-25 End:	Start: 0814 End:		☐C ☒G	☒NPW	☐P ☐G ☐O	4	☒ICE								X	791265 ☐S ☐B ☐N ☐HEM Other:

Required Turnaround: ☒ Routine (6-10 days) *EXPEDITE:* (See Surcharge Schedule) ☐ < 8 Hrs. ☐ < 16 Hrs. ☐ < 24 Hrs. ☐ 5 days ☐ Other: ______ ***Rush Charges Authorized by:***

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Hold for client pick up **Container Type:** P = Plastic, G = Glass, O = Other ______ Carrier ID: ______

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
SBexbrook	2-11-25	1016			
			Jason Aguillon	2-11-25	1016

Rev. Multiple Sample COC_20180628

1532 Universal City Blvd., Ste. 100, Universal City, Texas 78148
P (210) 340-0343 or (800) 880-4616 - F (210) 658-7903

Z:\COC\F\Fredericksburg_City_of\FredericksburgTCEQPermit

Login at www.pcslab.net

POLLUTION CONTROL SERVICES

1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
Facsimilie 210.658.7903
210.340.0343

CHAIN OF CUSTODY & SUBCONTRACT TRACKING SHEET

TO: SPL·LAB Corp
2600 Dudley Road
Kilgore, TX 75662

Relinquished by: Lauren Clay to FEDEX
Date/Time: 02/11/2025 @ 1500
Received by: mcw from FEDEX
Date/Time: 2/12/25. 1030

PCS#	Date	Time	Analysis Requested	Pres	T. A. T.
791258	02/11/2025	08:00	Herbicides 615 23B1026	Ice	Std
791264	02/11/2025	0813	Phenols, Distillable 4029	H_2SO_4	Std

Comments/Special Instructions: _____

Unless otherwise requested, send results and invoice to:

Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318

Authorized by: Lauren Clay Date: 2·11·25

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL
The Science of Sure

Project
1135969

PCSL-C

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Printed 02/27/2025
7:09

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
*Office: 903-984-0551 * Fax: 903-984-5914*

SAMPLE CROSS REFERENCE

Project
1135969

Printed 2/27/2025 Page 1 of 1
ww

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Sample	Sample ID	Taken	Time	Received
2381026	*791258*	02/11/2025	08:00:00	02/12/2025

Bottle 01 Client Supplied Amber Glass
Bottle 02 Prepared Bottle: 2 mL Autosampler Vial (Batch 1161589) Volume: 10.00000 mL <== Derived from 01 (944 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 615	02	1161589	02/19/2025	1162608	02/26/2025

Sample	Sample ID	Taken	Time	Received
2381029	*791264*	02/11/2025	08:13:00	02/12/2025

Bottle 01 Client supplied H2SO4 Amber Glass
Bottle 02 Prepared Bottle: Phenol TRAACS Autosampler Vial (Batch 1160863) Volume: 6.00000 mL <== Derived from 01 (6 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 420.4 1	02	1160863	02/14/2025	1161351	02/18/2025

Email: Kilgore.ProjectManagement@spllabs.com

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL
The Science of Sure

1
2

PCSL-C

Project
1135969

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Printed: 02/27/2025

RESULTS

Sample Results

2381026 **791258** Received: 02/12/2025

Non-Potable Water Collected by: Client Pollution Control Se PO:
Taken: 02/11/2025 08:00:00

EPA 615 Prepared: 1161589 02/19/2025 14:30:00 Analyzed 1162608 02/26/2025 03:02:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	2,4 Dichlorophenoxyacetic acid	<0.530	ug/L	0.530	X	94-75-7	02
NELAC	2,4,5-TP (Silvex)	<0.300	ug/L	0.300		93-72-1	02

2381029 **791264** Received: 02/12/2025

Non-Potable Water Collected by: Client Pollution Control Se PO:
Taken: 02/11/2025 08:13:00

EPA 420.4 1 Prepared: 1160863 02/14/2025 09:56:55 Analyzed 1161351 02/18/2025 11:02:00 MEG

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Phenolics, Total Recoverable	0.010	mg/L	0.005			02

Sample Preparation

2381026 **791258** Received: 02/12/2025

02/11/2025

EPA 615 Prepared: 1161589 02/19/2025 14:30:00 Analyzed 1161589 02/19/2025 14:30:00 CRS

NELAC	Esterification of Sample	10/944	ml	01

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL
The Science of Sure

1
2

PCSL-C

Project
1135969

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Printed: 02/27/2025

2381026 **791258** Received: 02/12/2025

02/11/2025

EPA 615	*Prepared:*	*1161589*	*02/19/2025*	*14:30:00*	*Analyzed*	*1162608*	*02/26/2025*	*03:02:00*	*KAP*
NELAC **Herbicides by GC**	**Entered**								02

2381029 **791264** Received: 02/12/2025

02/11/2025

EPA 420.4 1	*Prepared:*	*1160863*	*02/14/2025*	*09:56:55*	*Analyzed*	*1160863*	*02/14/2025*	*09:56:55*	*MEG*
NELAC **Phenol Distillation**	**6/6**	**ml**							01

Qualifiers:

X - Standard reads higher than desired.

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation
z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
*Office: 903-984-0551 * Fax: 903-984-5914*

SPL
The Science of Sure

1
2

Project
1135969

PCSL-C

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Printed: 02/27/2025

Bill Peery

Bill Peery, MS, VP Technical Services

QUALITY CONTROL

PCSL-C

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Project
1135969

Printed 02/27/2025

Analytical Set 1161351 — EPA 420.4 1

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Phenolics, Total Recoverable	1160863	ND	0.003	0.005	mg/L	127321808

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Phenolics, Total Recoverable	0.199	0.200	mg/L	99.5	90.0 - 110	127321807
Phenolics, Total Recoverable	0.193	0.200	mg/L	96.5	90.0 - 110	127321816
Phenolics, Total Recoverable	0.192	0.200	mg/L	96.0	90.0 - 110	127321827
Phenolics, Total Recoverable	0.196	0.200	mg/L	98.0	90.0 - 110	127321829
Phenolics, Total Recoverable	0.186	0.200	mg/L	93.0	90.0 - 110	127321840
Phenolics, Total Recoverable	0.183	0.200	mg/L	91.5	90.0 - 110	127321851
Phenolics, Total Recoverable	0.192	0.200	mg/L	96.0	90.0 - 110	127321860

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Phenolics, Total Recoverable	2379961	0.055	0.052	mg/L	5.61	20.0
Phenolics, Total Recoverable	2380619	0.052	0.055	mg/L	5.61	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Phenolics, Total Recoverable	0.202	0.200	mg/L	101	90.0 - 110	127321806

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Phenolics, Total Recoverable	1160863	0.188	0.193	0.200	90.0 - 110	94.0	96.5	mg/L	2.62	20.0

Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File	
Phenolics, Total Recoverable	2379961	0.197	0.052	0.200	mg/L	72.5	90.0 - 110	127321813	*
Phenolics, Total Recoverable	2380619	0.191	0.055	0.200	mg/L	68.0	90.0 - 110	127321817	*

Analytical Set 1162608 — EPA 615

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
2,4 Dichlorophenoxyacetic acid	1161589	ND	15.9	50.0	ug/L	127345575
2,4,5-TP (Silvex)	1161589	ND	8.93	30.0	ug/L	127345575

CCV

Parameter	Reading	Known	Units	Recover%	Limits%		File
2,4 Dichlorophenoxyacetic acid	152	150	ug/L	101	80.0 - 115		127345571
2,4 Dichlorophenoxyacetic acid	177	150	ug/L	118	80.0 - 115	*	127345579
2,4,5-TP (Silvex)	152	150	ug/L	101	80.0 - 115		127345571
2,4,5-TP (Silvex)	143	150	ug/L	95.5	80.0 - 115		127345579

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
2,4 Dichlorophenoxyacetic acid	1161589	57.2	56.6	100	0.100 - 319	57.2	56.6	ug/L	1.05	30.0

QUALITY CONTROL

PCSL-C

Pollution Control Services Laboratories
Chuck Wallgren
1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Project
1135969

Printed 02/27/2025

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
2,4,5-TP (Silvex)	1161589	54.7	54.4	100	0.100 - 244	54.7	54.4	ug/L	0.550	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
2,4-Dichlorophenylacetic Acid		CCV	151	200	ug/L	75.5	0.100 - 313	127345571
2,4-Dichlorophenylacetic Acid		CCV	179	200	ug/L	89.5	0.100 - 313	127345579
2,4-Dichlorophenylacetic Acid	1161589	Blank	104	200	ug/L	52.0	0.100 - 313	127345575
2,4-Dichlorophenylacetic Acid	1161589	LCS	118	200	ug/L	59.0	0.100 - 313	127345576
2,4-Dichlorophenylacetic Acid	1161589	LCS Dup	112	200	ug/L	56.0	0.100 - 313	127345577
2,4-Dichlorophenylacetic Acid	2381026	Unknown	0.836	2.12	ug/L	39.4	0.100 - 313	127345578

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100% Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); ICV - Initial Calibration Verification; LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); Surrogate - Surrogate (mimics the analyte of interest but is unlikely to be found in environmental samples; added to analytical samples for QC purposes. **ANSI/ASQC E4 1994 Ref #4 TRADE QA Resources Guide.)

1135969 CoC Print Group 001 of 001

ORIGIN ID:NIRA (210) 340-0343
CHUCK WALLGREN

1532 UNIVERSAL CITY BLVD. #100

UNIVERSAL CITY, TX 78148
UNITED STATES US

SHIP DATE: 11FEB25
ACTWGT: 19.00 LB
CAD: 112447368/INET4535
DIMS: 16x14x13 IN

BILL SENDER

TO **SPL LAB KILGORE**
SPL LAB KILGORE
2600 DUDLEY ROAD

KILGORE TX 75662
(903) 984-0551 REF:
INV:
PO: DEPT:

58CJ4/26DE/08C4

FedEx. Express

WED - 12 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 0201 7720 1615 8326

XS GGGA

75662
TX-US SHV

2/12/25 1454 mv
Date Time Tech
Temp: 2.9 12.7 C

Therm#: 6205 Corr Fact: -0.6 C

POLLUTION CONTROL SERVICES
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
Facsimilie 210.658.7903
210.340.0343

2502117

CHAIN OF CUSTODY & SUBCONTRACT TRACKING SHEET

TO: DHL Analytical
2300 Double Creek Dr
Round Rock, TX 78664

Relinquished by: Lauren Clay
Date/Time: 02/11/2025 @ 1500
Received by: E
Date/Time: 2/12/25 10:17

	PCS#	Date	Time	Analysis Requested	Pres	T. A. T.
01	791258	02/11/2025	08:00	604.1 Hexachlorophene	Ice	Std
	791258	----------	----	Semi Volatiles 625		----
	791258	----------	----	Pesticide 1657		----
	791258	----------	----	Pesticides 608		----
	791258	----------	----	Pesticides 617		----
	791258	----------	----	Pesticides 632		----
02	791262	02/11/2025	0811	Volatiles 624	Ice	Std
03	791263	02/11/2025	0812	Cyanide, Amenable	NaOH	Std

Comments/Special Instructions: 5.0°C, Therm #78, no cust. seal, via Fed Ex Ground

Unless otherwise requested, send results and invoice to:

Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318

Authorized by: Lauren Clay Date: 2.11.25

T:\CoC\Subcontract\791258.docx

February 19, 2025

Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd. #100
Universal City, TX 78148
TEL: (210) 394-4570
FAX:

Order No.: 2502117

RE: PCS 791258, 791262-791263

Dear Chuck Wallgren:

DHL Analytical, Inc. received 3 samples on 02/12/2025 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative and all estimated uncertainties of results are within method specifications.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Karyn Lane

Karyn Lane
Laboratory Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211 - TX-C24-00120

Table of Contents

FROM: (210) 340-0343
Chuck Wallgren

1532 Universal City Blvd. #100

Universal City TX 78148
US

SHIP DATE: 11FEB25
ACTWGT: 47.00 LB
CAD: 112447368/INET4535
DIMMED: 26 X 15 X 15 IN

BILL SENDER

TO **DHL Analytical Receiving**
DHL Analytical

2300 Double Creek

ROUND ROCK TX 78664 (US)

(512) 388-8222 REF:

INV:

PO: DEPT:

58CJ4/28DE/C6C4

FedEx Ground

J251024121701uv

TRK# **7720 1703 2054**

78664

9622 0019 0 (000 000 0000) 0 00 7720 1703 2054

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: IMPORTANT: TRANSMIT YOUR SHIPPING DATA AND PRINT A MANIFEST:
At the end of each shipping day, you should perform the FedEx Ground End of Day Close procedure to transmit your shipping data to FedEx. To do so, click on the Ground End of Day Close Button. If required, print the pickup manifest that appears. A printed manifest is required to be tendered along with your packages if they are being picked up by FedEx Ground. If you are dropping your packages off at a FedEx drop off location, the manifest is not required.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide and applicable tariff, available upon request. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations, including limitations on our liability, can be found in the current FedEx Service Guide and applicable tariff apply. In no event shall FedEx Ground be liable for any special, incidental, or consequential damages, including, without limitation, loss of profit, loss to the intrinsic value of the package, loss of sale, interest, income or attorney's fees. Recovery cannot exceed actual documented loss. Items of extraordinary value are subject to separate limitations of liability set forth in the Service Guide and tariff. Written claims must be filed within strict time limits, see current FedEx Service Guide.

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name: **Pollution Control Services**

Date Received: **2/12/2025**

Work Order Number: **2502117**

Received by: **EL**

Checklist completed by: _____ 2/12/2025 (Signature / Date)

Reviewed by: JN 2/12/2025 (Initials / Date)

Carrier name: FedEx Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐ NA ☐
Water - pH<2 acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted?		Checked by
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☑	No ☐	NA ☐ LOT # 12798
	Adjusted? NO		Checked by EL
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Cooler #	1
Temp °C	5.0
Seal Intact	NP

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

DHL Analytical, Inc. **Date:** *19-Feb-25*

CLIENT:	Pollution Control Services
Project:	PCS 791258, 791262-791263
Lab Order:	2502117

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

EPA, ASTM and Standard Methods.

Compounds Diuron and Hexachlorophene Analysis by LCMS are not NELAP Certified.

Several compounds for Pesticides Analysis are not NELAP Certified.

Dicofol and Nonylphenol in Water Analysis are not NELAP Certified.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives except where noted in the following.

For Volatiles Analysis, there was no recovery of 2-Chloroethylvinylether for the Matrix Spike and Matrix Spike Duplicate (2502126-08 MS/MSD), due to reaction of the preservation of the sample. Additionally, the RPD of Acrolein for the Matrix Spike Duplicate (2502126-08 /MSD) was above the method control limit. These are flagged accordingly in the QC Summary Report. These compounds were within method control limits in the associated LCS. No further corrective action was taken.

For Pesticides Analysis, the recoveries/RPDs of up to three compounds for the Laboratory Control Spike Duplicate (LCSD-119141) were outside of the method control limits. These are flagged accordingly in the QC Summary Report. These compounds were within method control limits in the associated ICV/LCS. No further corrective action was taken.

For Semivolatiles Analysis, the recovery of Di-n-butyl phthalate for the Laboratory Control Spike Duplicate (LCSD-119140) was slightly above the method control limits. This is flagged accordingly in the QC Summary Report. This compound was within method control limits in the associated ICV/LCS. No further corrective action was taken.

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT: Pollution Control Services
Project: PCS 791258, 791262-791263
Lab Order: 2502117

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2502117-01	791258		02/11/25 08:00 AM	02/12/2025
2502117-02	791262		02/11/25 08:11 AM	02/12/2025
2502117-03	791263		02/11/25 08:12 AM	02/12/2025

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791258
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-01
Project No:		**Collection Date:**	02/11/25 08:00 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
DIURON-HEXACHLOROPHENE BY LCMS		**E632**					Analyst: **RA**
Diuron	<0.0000298	0.0000298	0.0000795	N	mg/L	1	02/18/25 01:26 PM
Hexachlorophene	<0.000994	0.000994	0.00497	N	mg/L	1	02/18/25 01:26 PM
Surr: Carbazole	71.2	0	35-145		%REC	1	02/18/25 01:26 PM
625.1 PCB BY GC/MS		**E625.1**					Analyst: **DEW**
Aroclor 1016	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Aroclor 1221	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Aroclor 1232	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Aroclor 1242	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Aroclor 1248	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Aroclor 1254	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Aroclor 1260	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Total PCBs	<0.0000970	0.0000970	0.000194		mg/L	1	02/17/25 04:28 PM
Surr: 2-Fluorobiphenyl	58.0	0	43-116		%REC	1	02/17/25 04:28 PM
Surr: 4-Terphenyl-d14	72.3	0	33-141		%REC	1	02/17/25 04:28 PM
625.1 SEMIVOLATILE WATER		**E625.1**					Analyst: **DEW**
Anthracene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Benzidine	<0.000982	0.000982	0.00393		mg/L	1	02/17/25 08:29 PM
Benzo[a]anthracene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Benzo[a]pyrene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Bis(2-chloroethyl)ether	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Bis(2-ethylhexyl)phthalate	<0.00295	0.00295	0.00589		mg/L	1	02/17/25 08:29 PM
Chrysene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
4,6-Dinitro-o-cresol	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
o-Cresol	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
p-Chloro-m-Cresol	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
m,p-Cresols	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
3,3'-Dichlorobenzidine	<0.000982	0.000982	0.00491		mg/L	1	02/17/25 08:29 PM
2,4-Dimethylphenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Di-n-butyl phthalate	<0.00295	0.00295	0.00589		mg/L	1	02/17/25 08:29 PM
Hexachlorobenzene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Hexachlorobutadiene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Hexachlorocyclopentadiene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Hexachloroethane	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Nitrobenzene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
N-Nitrosodiethylamine	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
N-Nitrosodi-n-butylamine	<0.000982	0.000982	0.00393		mg/L	1	02/17/25 08:29 PM
Pentachlorobenzene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791258
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-01
Project No:		**Collection Date:**	02/11/25 08:00 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
625.1 SEMIVOLATILE WATER		**E625.1**					Analyst: **DEW**
Pentachlorophenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Phenanthrene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Pyridine	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
1,2,4,5-Tetrachlorobenzene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
2,4,5-Trichlorophenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
2-Chlorophenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
2,4-Dichlorophenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
2,4-Dinitrophenol	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
2-Nitrophenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
4-Nitrophenol	<0.00196	0.00196	0.00393		mg/L	1	02/17/25 08:29 PM
Phenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
2,4,6-Trichlorophenol	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Acenaphthene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Acenaphthylene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Benzo[b]fluoranthene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Benzo[g,h,i]perylene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Benzo[k]fluoranthene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Bis(2-chloroethoxy)methane	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Bis(2-chloroisopropyl)ether	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
4-Bromophenyl phenyl ether	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Butyl benzyl phthalate	<0.00295	0.00295	0.00589		mg/L	1	02/17/25 08:29 PM
2-Chloronaphthalene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
4-Chlorophenyl phenyl ether	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Dibenz[a,h]anthracene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Diethyl phthalate	<0.00295	0.00295	0.00589		mg/L	1	02/17/25 08:29 PM
Dimethyl phthalate	<0.00295	0.00295	0.00589		mg/L	1	02/17/25 08:29 PM
2,4-Dinitrotoluene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
2,6-Dinitrotoluene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Di-n-octyl phthalate	<0.00295	0.00295	0.00589		mg/L	1	02/17/25 08:29 PM
1,2-Diphenylhydrazine	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Fluoranthene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Fluorene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Indeno[1,2,3-cd]pyrene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Isophorone	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Naphthalene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
N-Nitrosodimethylamine	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
N-Nitrosodi-n-propylamine	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
N-Nitrosodiphenylamine	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791258
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-01
Project No:		**Collection Date:**	02/11/25 08:00 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
625.1 SEMIVOLATILE WATER		**E625.1**					Analyst: **DEW**
Pyrene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
1,2,4-Trichlorobenzene	<0.000982	0.000982	0.00196		mg/L	1	02/17/25 08:29 PM
Surr: 2,4,6-Tribromophenol	93.3	0	10-123		%REC	1	02/17/25 08:29 PM
Surr: 2-Fluorobiphenyl	84.3	0	43-116		%REC	1	02/17/25 08:29 PM
Surr: 2-Fluorophenol	47.5	0	21-100		%REC	1	02/17/25 08:29 PM
Surr: 4-Terphenyl-d14	80.5	0	33-141		%REC	1	02/17/25 08:29 PM
Surr: Nitrobenzene-d5	89.0	0	35-115		%REC	1	02/17/25 08:29 PM
Surr: Phenol-d5	29.3	0	10-94		%REC	1	02/17/25 08:29 PM
625.1 PESTICIDE BY GC/MS		**E625.1**					Analyst: **DEW**
4,4´-DDD	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
4,4´-DDE	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
4,4´-DDT	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Aldrin	<0.00000970	0.00000970	0.00000970		mg/L	1	02/17/25 10:26 PM
alpha-BHC (Hexachlorocyclohexane)	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
beta-BHC (Hexachlorocyclohexane)	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Carbaryl	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM
Chlordane	<0.0000582	0.0000582	0.000194	N	mg/L	1	02/17/25 10:26 PM
Chlorpyrifos	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM
delta-BHC (Hexachlorocyclohexane)	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Diazinon	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM
Dieldrin	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Endosulfan I	<0.00000970	0.00000970	0.00000970		mg/L	1	02/17/25 10:26 PM
Endosulfan II	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Endosulfan sulfate	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Endrin	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Endrin aldehyde	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
gamma-BHC (Lindane)	<0.00000970	0.00000970	0.0000194		mg/L	1	02/17/25 10:26 PM
Guthion (Azinphosmethyl)	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM
Heptachlor	<0.00000970	0.00000970	0.00000970		mg/L	1	02/17/25 10:26 PM
Heptachlor epoxide	<0.00000970	0.00000970	0.00000970		mg/L	1	02/17/25 10:26 PM
Malathion	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM
Methoxychlor	<0.0000194	0.0000194	0.0000194	N	mg/L	1	02/17/25 10:26 PM
Mirex	<0.00000970	0.00000970	0.0000194	N	mg/L	1	02/17/25 10:26 PM
Parathion, ethyl	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM
Toxaphene	<0.000291	0.000291	0.000291		mg/L	1	02/17/25 10:26 PM
Demeton (O & S)	<0.00000970	0.00000970	0.0000291	N	mg/L	1	02/17/25 10:26 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791258
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-01
Project No:		**Collection Date:**	02/11/25 08:00 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
625.1 PESTICIDE BY GC/MS		**E625.1**					Analyst: **DEW**
Surr: 2-Fluorobiphenyl	59.0	0	43-116		%REC	1	02/17/25 10:26 PM
Surr: 4-Terphenyl-d14	80.1	0	33-141		%REC	1	02/17/25 10:26 PM
DICOFOL IN WATER BY ASTM METHOD		**D5812-96MOD**					Analyst: **DEW**
Dicofol	<0.000194	0.000194	0.000388	N	mg/L	1	02/17/25 10:26 PM
NONYLPHENOL IN WATER BY ASTM METHOD		**D7065-17**					Analyst: **DEW**
Nonylphenol	<0.0687	0.0687	0.0982	N	mg/L	1	02/17/25 08:29 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791262
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-02
Project No:		**Collection Date:**	02/11/25 08:11 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
624.1 VOLATILES WATER		**E624.1**					Analyst: **JVR**
Acrylonitrile	<0.00100	0.00100	0.00300		mg/L	1	02/12/25 02:04 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Chlorodibromomethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Methylene chloride (DCM)	<0.00250	0.00250	0.00500		mg/L	1	02/12/25 02:04 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,3-Dichloropropene (cis)	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,3-Dichloropropene (trans)	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Methyl ethyl ketone	<0.00500	0.00500	0.0150		mg/L	1	02/12/25 02:04 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	02/12/25 02:04 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	02/12/25 02:04 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Trichloroethene	<0.000600	0.000600	0.00100		mg/L	1	02/12/25 02:04 PM
TTHM (Total Trihalomethanes)	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Acrolein	<0.00500	0.00500	0.0150		mg/L	1	02/12/25 02:04 PM
Chloroethane	<0.00100	0.00100	0.00500		mg/L	1	02/12/25 02:04 PM
2-Chloroethylvinylether	<0.00600	0.00600	0.0100		mg/L	1	02/12/25 02:04 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	02/12/25 02:04 PM
Methyl bromide	<0.00100	0.00100	0.00500		mg/L	1	02/12/25 02:04 PM
Methyl chloride	<0.00100	0.00100	0.00500		mg/L	1	02/12/25 02:04 PM
trans-1,2-Dichloroethylene	<0.000300	0.000300	0.00200		mg/L	1	02/12/25 02:04 PM
Surr: 1,2-Dichloroethane-d4	101	0	72-119		%REC	1	02/12/25 02:04 PM
Surr: 4-Bromofluorobenzene	103	0	76-119		%REC	1	02/12/25 02:04 PM
Surr: Dibromofluoromethane	99.7	0	85-115		%REC	1	02/12/25 02:04 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791262
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-02
Project No:		**Collection Date:**	02/11/25 08:11 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
624.1 VOLATILES WATER		**E624.1**					Analyst: **JVR**
Surr: Toluene-d8	96.6	0	81-120		%REC	1	02/12/25 02:04 PM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
	DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
	J	Analyte detected between MDL and RL	MDL	Method Detection Limit
	ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
	S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT:	Pollution Control Services	**Client Sample ID:**	791263
Project:	PCS 791258, 791262-791263	**Lab ID:**	2502117-03
Project No:		**Collection Date:**	02/11/25 08:12 AM
Lab Order:	2502117	**Matrix:**	AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
CYANIDE - WATER SAMPLE		**M4500-CN E**					Analyst: **SMA**
Cyanide, Total	<0.0100	0.0100	0.0200		mg/L	1	02/18/25 02:06 PM

Qualifiers:	*	Value exceeds TCLP Maximum Concentration Level	C	Sample Result or QC discussed in the Case Narrative
	DF	Dilution Factor	E	TPH pattern not Gas or Diesel Range Pattern
	J	Analyte detected between MDL and RL	MDL	Method Detection Limit
	ND	Not Detected at the Method Detection Limit	RL	Reporting Limit
	S	Spike Recovery outside control limits	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *19-Feb-25*

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: LCMS2_250218A

The QC data in batch 119155 applies to the following samples: 2502117-01A

Sample ID: **MB-119155** Batch ID: **119155** TestNo: **E632** Units: **mg/L**
SampType: **MBLK** Run ID: **LCMS2_250218A** Analysis Date: **2/18/2025 12:53:02 PM** Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diuron	<0.0000300	0.0000800								N
Hexachlorophene	<0.00100	0.00500								N
Surr: Carbazole	3.22		5.000		64.3	35	145			

Sample ID: **LCS-119155** Batch ID: **119155** TestNo: **E632** Units: **mg/L**
SampType: **LCS** Run ID: **LCMS2_250218A** Analysis Date: **2/18/2025 1:04:19 PM** Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diuron	0.000916	0.0000800	0.00200	0	45.8	35	145			N
Hexachlorophene	0.00155	0.00500	0.00200	0	77.4	35	145			N
Surr: Carbazole	3.56		5.000		71.2	35	145			

Sample ID: **LCSD-119155** Batch ID: **119155** TestNo: **E632** Units: **mg/L**
SampType: **LCSD** Run ID: **LCMS2_250218A** Analysis Date: **2/18/2025 1:15:37 PM** Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diuron	0.000868	0.0000800	0.00200	0	43.4	35	145	5.41	30	N
Hexachlorophene	0.00147	0.00500	0.00200	0	73.6	35	145	5.10	30	N
Surr: Carbazole	3.43		5.000		68.6	35	145	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_250217A

The QC data in batch 119141 applies to the following samples: 2502117-01C

Sample ID: **LCS-119141** Batch ID: **119141** TestNo: **E625.1** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS10_250217A** Analysis Date: **2/17/2025 5:42:00 PM** Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	0.000338	0.0000200	0.000400	0	84.4	0.1	135			
4,4´-DDE	0.000374	0.0000200	0.000400	0	93.6	19	120			
4,4´-DDT	0.000353	0.0000200	0.000400	0	88.3	0.1	171			
Aldrin	0.000310	0.0000100	0.000400	0	77.5	7	152			
alpha-BHC (Hexachlorocyclohexane)	0.000352	0.0000200	0.000400	0	87.9	42	108			
beta-BHC (Hexachlorocyclohexane)	0.000357	0.0000200	0.000400	0	89.3	42	131			
Carbaryl	0.000431	0.0000300	0.000400	0	108	38	168			N
Chlorpyrifos	0.000419	0.0000300	0.000400	0	105	42	131			N
delta-BHC (Hexachlorocyclohexane)	0.000334	0.0000200	0.000400	0	83.4	0.1	120			
Diazinon	0.000415	0.0000300	0.000400	0	104	52	120			N
Dieldrin	0.000354	0.0000200	0.000400	0	88.5	44	119			
Endosulfan I	0.000323	0.0000100	0.000400	0	80.7	47	128			
Endosulfan II	0.000322	0.0000200	0.000400	0	80.4	52	125			
Endosulfan sulfate	0.000357	0.0000200	0.000400	0	89.3	0.1	120			
Endrin	0.000432	0.0000200	0.000400	0	108	50	151			
Endrin aldehyde	0.00000124	0.0000200	0.000400	0	0.310	0.1	189			
gamma-BHC (Lindane)	0.000332	0.0000200	0.000400	0	83.0	41	111			
Guthion (Azinphosmethyl)	0.000481	0.0000300	0.000400	0	120	44	193			N
Heptachlor	0.000322	0.0000100	0.000400	0	80.4	0.1	172			
Heptachlor epoxide	0.000293	0.0000100	0.000400	0	73.2	71	120			
Malathion	0.000535	0.0000300	0.000400	0	134	56	161			N
Methoxychlor	0.000386	0.0000200	0.000400	0	96.5	38	156			N
Mirex	0.000244	0.0000200	0.000400	0	61.0	27	131			N
Parathion, ethyl	0.000571	0.0000300	0.000400	0	143	13	184			N
Demeton (O & S)	0.000457	0.0000300	0.000400	0	114	28	154			N
Surr: 2-Fluorobiphenyl	2.77		4.000		69.3	43	116			
Surr: 4-Terphenyl-d14	3.24		4.000		80.9	33	141			

Sample ID: **LCSD-119141** Batch ID: **119141** TestNo: **E625.1** Units: **mg/L**
SampType: **LCSD** Run ID: **GCMS10_250217A** Analysis Date: **2/17/2025 6:18:00 PM** Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	0.000202	0.0000200	0.000400	0	50.4	0.1	135	50.5	50	
4,4´-DDE	0.000293	0.0000200	0.000400	0	73.2	19	120	24.4	50	
4,4´-DDT	0.000209	0.0000200	0.000400	0	52.2	0.1	171	51.4	50	R
Aldrin	0.000220	0.0000100	0.000400	0	55.0	7	152	34.0	50	
alpha-BHC (Hexachlorocyclohexane)	0.000278	0.0000200	0.000400	0	69.4	42	108	23.5	50	
beta-BHC (Hexachlorocyclohexane)	0.000300	0.0000200	0.000400	0	74.9	42	131	17.5	50	
Carbaryl	0.000406	0.0000300	0.000400	0	101	38	168	6.15	50	N
Chlorpyrifos	0.000352	0.0000300	0.000400	0	87.9	42	131	17.4	50	N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_250217A

Sample ID: **LCSD-119141**	Batch ID: **119141**	TestNo: **E625.1**	Units: **mg/L**
SampType: **LCSD**	Run ID: **GCMS10_250217A**	Analysis Date: **2/17/2025 6:18:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
delta-BHC (Hexachlorocyclohexane)	0.000293	0.0000200	0.000400	0	73.2	0.1	120	13.0	50	
Diazinon	0.000330	0.0000300	0.000400	0	82.6	52	120	22.7	50	N
Dieldrin	0.000265	0.0000200	0.000400	0	66.3	44	119	28.7	50	
Endosulfan I	0.000285	0.0000100	0.000400	0	71.3	47	128	12.3	50	
Endosulfan II	0.000204	0.0000200	0.000400	0	50.9	52	125	45.0	50	S
Endosulfan sulfate	0.000231	0.0000200	0.000400	0	57.8	0.1	120	42.9	50	
Endrin	0.000250	0.0000200	0.000400	0	62.5	50	151	53.4	50	R
Endrin aldehyde	0.000000600	0.0000200	0.000400	0	0.150	0.1	189	69.6	50	R
gamma-BHC (Lindane)	0.000262	0.0000200	0.000400	0	65.5	41	111	23.6	50	
Guthion (Azinphosmethyl)	0.000440	0.0000300	0.000400	0	110	44	193	8.89	50	N
Heptachlor	0.000259	0.0000100	0.000400	0	64.7	0.1	172	21.6	50	
Heptachlor epoxide	0.000281	0.0000100	0.000400	0	70.2	71	120	4.09	50	S
Malathion	0.000476	0.0000300	0.000400	0	119	56	161	11.6	50	N
Methoxychlor	0.000393	0.0000200	0.000400	0	98.3	38	156	1.82	50	N
Mirex	0.000218	0.0000200	0.000400	0	54.5	27	131	11.3	50	N
Parathion, ethyl	0.000511	0.0000300	0.000400	0	128	13	184	11.1	50	N
Demeton (O & S)	0.000357	0.0000300	0.000400	0	89.3	28	154	24.5	50	N
Surr: 2-Fluorobiphenyl	2.38		4.000		59.4	43	116	0	0	
Surr: 4-Terphenyl-d14	2.36		4.000		59.0	33	141	0	0	

Sample ID: **MB-119141**	Batch ID: **119141**	TestNo: **E625.1**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS10_250217A**	Analysis Date: **2/17/2025 9:15:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	<0.0000100	0.0000200								
4,4´-DDE	<0.0000100	0.0000200								
4,4´-DDT	<0.0000100	0.0000200								
Aldrin	<0.0000100	0.0000100								
alpha-BHC (Hexachlorocyclohexane)	<0.0000100	0.0000200								
beta-BHC (Hexachlorocyclohexane)	<0.0000100	0.0000200								
Carbaryl	<0.0000100	0.0000300								N
Chlordane	<0.0000600	0.000200								N
Chlorpyrifos	<0.0000100	0.0000300								N
delta-BHC (Hexachlorocyclohexane)	<0.0000100	0.0000200								
Diazinon	<0.0000100	0.0000300								N
Dieldrin	<0.0000100	0.0000200								
Endosulfan I	<0.0000100	0.0000100								
Endosulfan II	<0.0000100	0.0000200								
Endosulfan sulfate	<0.0000100	0.0000200								
Endrin	<0.0000100	0.0000200								
Endrin aldehyde	<0.0000100	0.0000200								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_250217A

Sample ID: **MB-119141**	Batch ID: **119141**	TestNo: **E625.1**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS10_250217A**	Analysis Date: **2/17/2025 9:15:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
gamma-BHC (Lindane)	<0.0000100	0.0000200								
Guthion (Azinphosmethyl)	<0.0000100	0.0000300								N
Heptachlor	<0.0000100	0.0000100								
Heptachlor epoxide	<0.0000100	0.0000100								
Malathion	<0.0000100	0.0000300								N
Methoxychlor	<0.0000200	0.0000200								N
Mirex	<0.0000100	0.0000200								N
Parathion, ethyl	<0.0000100	0.0000300								N
Toxaphene	<0.000300	0.000300								
Demeton (O & S)	<0.0000100	0.0000300								N
Surr: 2-Fluorobiphenyl	2.49		4.000		62.3	43	116			
Surr: 4-Terphenyl-d14	2.86		4.000		71.6	33	141			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_250217C

The QC data in batch 119141 applies to the following samples: 2502117-01C

Sample ID: **LCS-119141-DI**	Batch ID: **119141**	TestNo: **D5812-96mod**	Units: **mg/L**
SampType: **LCS**	Run ID: **GCMS10_250217C**	Analysis Date: **2/17/2025 7:28:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dicofol	0.00102	0.000400	0.00100	0	102	22	180			N

Sample ID: **MB-119141**	Batch ID: **119141**	TestNo: **D5812-96mod**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS10_250217C**	Analysis Date: **2/17/2025 9:15:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dicofol	<0.000200	0.000400								N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS8_250217A

The QC data in batch 119141 applies to the following samples: 2502117-01C

Sample ID: **LCS-119141-PCB** Batch ID: **119141** TestNo: **E625.1** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS8_250217A** Analysis Date: **2/17/2025 2:58:00 PM** Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	0.00320	0.000200	0.00400	0	79.9	37	130			
Aroclor 1260	0.00345	0.000200	0.00400	0	86.2	19	130			
Total PCBs	0.00665	0.000200	0.00800	0	83.1	19	130			
Surr: 2-Fluorobiphenyl	2.78		4.000		69.4	43	116			
Surr: 4-Terphenyl-d14	3.17		4.000		79.2	33	141			

Sample ID: **MB-119141** Batch ID: **119141** TestNo: **E625.1** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS8_250217A** Analysis Date: **2/17/2025 3:28:00 PM** Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	<0.000100	0.000200								
Aroclor 1221	<0.000100	0.000200								
Aroclor 1232	<0.000100	0.000200								
Aroclor 1242	<0.000100	0.000200								
Aroclor 1248	<0.000100	0.000200								
Aroclor 1254	<0.000100	0.000200								
Aroclor 1260	<0.000100	0.000200								
Total PCBs	<0.000100	0.000200								
Surr: 2-Fluorobiphenyl	2.69		4.000		67.4	43	116			
Surr: 4-Terphenyl-d14	3.15		4.000		78.9	33	141			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217A

The QC data in batch 119140 applies to the following samples: 2502117-01B

Sample ID: **LCS-119140** Batch ID: **119140** TestNo: **E625.1** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS9_250217A** Analysis Date: **2/17/2025 5:31:00 PM** Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzidine	0.0211	0.00400	0.0400	0	52.8	5	125			
Benzo[a]anthracene	0.0397	0.00200	0.0400	0	99.2	33	143			
Benzo[a]pyrene	0.0415	0.00200	0.0400	0	104	17	163			
Chrysene	0.0387	0.00200	0.0400	0	96.9	17	168			
2,4-Dimethylphenol	0.0352	0.00200	0.0400	0	88.0	32	120			
4,6-Dinitro-o-cresol	0.0430	0.00400	0.0400	0	107	10	181			
m,p-Cresols	0.0289	0.00400	0.0400	0	72.4	10	125			
o-Cresol	0.0296	0.00400	0.0400	0	73.9	25	125			
p-Chloro-m-Cresol	0.0370	0.00400	0.0400	0	92.5	22	147			
Hexachlorobenzene	0.0380	0.00200	0.0400	0	95.0	10	152			
Hexachlorobutadiene	0.0320	0.00200	0.0400	0	80.1	24	120			
Hexachloroethane	0.0328	0.00200	0.0400	0	82.1	40	120			
Nitrobenzene	0.0394	0.00200	0.0400	0	98.5	35	180			
N-Nitrosodiethylamine	0.0334	0.00400	0.0400	0	83.6	20	125			
N-Nitrosodi-n-butylamine	0.0399	0.00400	0.0400	0	99.7	20	125			
Pentachlorobenzene	0.0354	0.00200	0.0400	0	88.6	40	140			
Pentachlorophenol	0.0319	0.00200	0.0400	0	79.8	14	176			
Phenanthrene	0.0359	0.00200	0.0400	0	89.8	54	120			
Pyridine	0.0181	0.00200	0.0400	0	45.2	10	75			
1,2,4,5-Tetrachlorobenzene	0.0342	0.00200	0.0400	0	85.5	30	140			
2,4,5-Trichlorophenol	0.0412	0.00200	0.0400	0	103	25	125			
2-Chlorophenol	0.0319	0.00200	0.0400	0	79.7	23	134			
2,4-Dichlorophenol	0.0375	0.00200	0.0400	0	93.6	39	135			
2,4-Dinitrophenol	0.0417	0.00400	0.0400	0	104	10	191			
2-Nitrophenol	0.0380	0.00200	0.0400	0	94.9	29	182			
4-Nitrophenol	0.0290	0.00400	0.0400	0	72.6	10	132			
Phenol	0.0178	0.00200	0.0400	0	44.6	5	120			
2,4,6-Trichlorophenol	0.0401	0.00200	0.0400	0	100	37	144			
Acenaphthene	0.0365	0.00200	0.0400	0	91.3	47	145			
Acenaphthylene	0.0349	0.00200	0.0400	0	87.2	33	145			
Anthracene	0.0375	0.00200	0.0400	0	93.6	27	133			
Benzo[b]fluoranthene	0.0453	0.00200	0.0400	0	113	24	159			
Benzo[g,h,i]perylene	0.0436	0.00200	0.0400	0	109	10	219			
Benzo[k]fluoranthene	0.0360	0.00200	0.0400	0	89.9	11	162			
Bis(2-chloroethoxy)methane	0.0340	0.00200	0.0400	0	85.0	33	184			
Bis(2-chloroethyl)ether	0.0305	0.00200	0.0400	0	76.2	12	158			
Bis(2-chloroisopropyl)ether	0.0310	0.00200	0.0400	0	77.4	36	166			
Bis(2-ethylhexyl)phthalate	0.0471	0.00600	0.0400	0	118	10	158			
4-Bromophenyl phenyl ether	0.0383	0.00200	0.0400	0	95.7	53	127			
Butyl benzyl phthalate	0.0435	0.00600	0.0400	0	109	10	152			

Qualifiers:

B	Analyte detected in the associated Method Blank
J	Analyte detected between MDL and RL
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
J	Analyte detected between SDL and RL
DF	Dilution Factor
MDL	Method Detection Limit
R	RPD outside accepted control limits
S	Spike Recovery outside control limits
N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217A

Sample ID: **LCS-119140**	Batch ID: **119140**	TestNo: **E625.1**	Units: **mg/L**
SampType: **LCS**	Run ID: **GCMS9_250217A**	Analysis Date: **2/17/2025 5:31:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Chloronaphthalene	0.0358	0.00200	0.0400	0	89.6	60	120			
4-Chlorophenyl phenyl ether	0.0391	0.00200	0.0400	0	97.8	25	158			
Dibenz[a,h]anthracene	0.0434	0.00200	0.0400	0	108	10	125			
3,3'-Dichlorobenzidine	0.0348	0.00500	0.0400	0	87.0	10	262			
Diethyl phthalate	0.0416	0.00600	0.0400	0	104	10	120			
Dimethyl phthalate	0.0397	0.00600	0.0400	0	99.2	10	120			
Di-n-butyl phthalate	0.0464	0.00600	0.0400	0	116	10	120			
2,4-Dinitrotoluene	0.0417	0.00200	0.0400	0	104	39	139			
2,6-Dinitrotoluene	0.0406	0.00200	0.0400	0	101	50	158			
Di-n-octyl phthalate	0.0409	0.00600	0.0400	0	102	10	146			
1,2-Diphenylhydrazine	0.0357	0.00200	0.0400	0	89.4	40	140			
Fluoranthene	0.0441	0.00200	0.0400	0	110	26	137			
Fluorene	0.0399	0.00200	0.0400	0	99.8	59	121			
Hexachlorocyclopentadiene	0.0327	0.00200	0.0400	0	81.8	8	130			
Indeno[1,2,3-cd]pyrene	0.0425	0.00200	0.0400	0	106	10	171			
Isophorone	0.0344	0.00200	0.0400	0	85.9	21	196			
Naphthalene	0.0331	0.00200	0.0400	0	82.6	21	133			
N-Nitrosodimethylamine	0.0169	0.00200	0.0400	0	42.2	10	125			
N-Nitrosodi-n-propylamine	0.0364	0.00200	0.0400	0	91.0	10	230			
N-Nitrosodiphenylamine	0.0357	0.00200	0.0400	0	89.2	20	125			
Pyrene	0.0379	0.00200	0.0400	0	94.8	52	120			
1,2,4-Trichlorobenzene	0.0338	0.00200	0.0400	0	84.5	44	142			
Surr: 2,4,6-Tribromophenol	73.6		80.00		92.0	10	123			
Surr: 2-Fluorobiphenyl	66.6		80.00		83.3	43	116			
Surr: 2-Fluorophenol	48.0		80.00		60.0	21	100			
Surr: 4-Terphenyl-d14	65.6		80.00		82.0	33	141			
Surr: Nitrobenzene-d5	70.4		80.00		88.0	35	115			
Surr: Phenol-d5	33.0		80.00		41.2	10	94			

Sample ID: **LCSD-119140**	Batch ID: **119140**	TestNo: **E625.1**	Units: **mg/L**
SampType: **LCSD**	Run ID: **GCMS9_250217A**	Analysis Date: **2/17/2025 5:54:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzidine	0.0177	0.00400	0.0400	0	44.2	5	125	17.8	50	
Benzo[a]anthracene	0.0422	0.00200	0.0400	0	106	33	143	6.16	50	
Benzo[a]pyrene	0.0430	0.00200	0.0400	0	107	17	163	3.46	50	
Chrysene	0.0415	0.00200	0.0400	0	104	17	168	6.98	50	
2,4-Dimethylphenol	0.0378	0.00200	0.0400	0	94.6	32	120	7.23	50	
4,6-Dinitro-o-cresol	0.0464	0.00400	0.0400	0	116	10	181	7.74	50	
m,p-Cresols	0.0304	0.00400	0.0400	0	76.1	10	125	5.05	50	
o-Cresol	0.0320	0.00400	0.0400	0	80.1	25	125	8.05	50	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217A

Sample ID: **LCSD-119140** Batch ID: **119140** TestNo: **E625.1** Units: **mg/L**
SampType: **LCSD** Run ID: **GCMS9_250217A** Analysis Date: **2/17/2025 5:54:00 PM** Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
p-Chloro-m-Cresol	0.0403	0.00400	0.0400	0	101	22	147	8.64	50	
Hexachlorobenzene	0.0412	0.00200	0.0400	0	103	10	152	8.18	50	
Hexachlorobutadiene	0.0347	0.00200	0.0400	0	86.9	24	120	8.15	50	
Hexachloroethane	0.0364	0.00200	0.0400	0	90.9	40	120	10.2	50	
Nitrobenzene	0.0419	0.00200	0.0400	0	105	35	180	6.05	50	
N-Nitrosodiethylamine	0.0372	0.00400	0.0400	0	92.9	20	125	10.6	50	
N-Nitrosodi-n-butylamine	0.0438	0.00400	0.0400	0	109	20	125	9.33	50	
Pentachlorobenzene	0.0393	0.00200	0.0400	0	98.3	40	140	10.3	50	
Pentachlorophenol	0.0351	0.00200	0.0400	0	87.7	14	176	9.43	50	
Phenanthrene	0.0392	0.00200	0.0400	0	98.0	54	120	8.74	39	
Pyridine	0.0170	0.00200	0.0400	0	42.5	10	75	6.27	50	
1,2,4,5-Tetrachlorobenzene	0.0380	0.00200	0.0400	0	94.9	30	140	10.4	50	
2,4,5-Trichlorophenol	0.0457	0.00200	0.0400	0	114	25	125	10.4	50	
2-Chlorophenol	0.0347	0.00200	0.0400	0	86.6	23	134	8.36	50	
2,4-Dichlorophenol	0.0413	0.00200	0.0400	0	103	39	135	9.85	50	
2,4-Dinitrophenol	0.0428	0.00400	0.0400	0	107	10	191	2.70	50	
2-Nitrophenol	0.0419	0.00200	0.0400	0	105	29	182	9.82	50	
4-Nitrophenol	0.0306	0.00400	0.0400	0	76.6	10	132	5.43	50	
Phenol	0.0191	0.00200	0.0400	0	47.8	5	120	6.93	50	
2,4,6-Trichlorophenol	0.0441	0.00200	0.0400	0	110	37	144	9.31	50	
Acenaphthene	0.0397	0.00200	0.0400	0	99.2	47	145	8.24	48	
Acenaphthylene	0.0380	0.00200	0.0400	0	95.1	33	145	8.67	50	
Anthracene	0.0404	0.00200	0.0400	0	101	27	133	7.50	50	
Benzo[b]fluoranthene	0.0477	0.00200	0.0400	0	119	24	159	5.11	50	
Benzo[g,h,i]perylene	0.0462	0.00200	0.0400	0	115	10	219	5.84	50	
Benzo[k]fluoranthene	0.0374	0.00200	0.0400	0	93.5	11	162	3.93	50	
Bis(2-chloroethoxy)methane	0.0378	0.00200	0.0400	0	94.4	33	184	10.5	50	
Bis(2-chloroethyl)ether	0.0339	0.00200	0.0400	0	84.8	12	158	10.7	50	
Bis(2-chloroisopropyl)ether	0.0336	0.00200	0.0400	0	84.1	36	166	8.24	50	
Bis(2-ethylhexyl)phthalate	0.0492	0.00600	0.0400	0	123	10	158	4.32	50	
4-Bromophenyl phenyl ether	0.0420	0.00200	0.0400	0	105	53	127	9.27	43	
Butyl benzyl phthalate	0.0468	0.00600	0.0400	0	117	10	152	7.35	50	
2-Chloronaphthalene	0.0389	0.00200	0.0400	0	97.3	60	120	8.24	24	
4-Chlorophenyl phenyl ether	0.0422	0.00200	0.0400	0	106	25	158	7.62	50	
Dibenz[a,h]anthracene	0.0457	0.00200	0.0400	0	114	10	125	5.17	50	
3,3'-Dichlorobenzidine	0.0371	0.00500	0.0400	0	92.8	10	262	6.40	50	
Diethyl phthalate	0.0449	0.00600	0.0400	0	112	10	120	7.72	50	
Dimethyl phthalate	0.0430	0.00600	0.0400	0	107	10	120	7.94	50	
Di-n-butyl phthalate	0.0498	0.00600	0.0400	0	124	10	120	7.03	47	S
2,4-Dinitrotoluene	0.0450	0.00200	0.0400	0	112	39	139	7.56	42	
2,6-Dinitrotoluene	0.0440	0.00200	0.0400	0	110	50	158	8.18	48	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217A

Sample ID: **LCSD-119140**	Batch ID: **119140**	TestNo: **E625.1**	Units: **mg/L**
SampType: **LCSD**	Run ID: **GCMS9_250217A**	Analysis Date: **2/17/2025 5:54:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	0.0427	0.00600	0.0400	0	107	10	146	4.26	50	
1,2-Diphenylhydrazine	0.0391	0.00200	0.0400	0	97.8	40	140	8.98	50	
Fluoranthene	0.0475	0.00200	0.0400	0	119	26	137	7.38	50	
Fluorene	0.0432	0.00200	0.0400	0	108	59	121	7.90	38	
Hexachlorocyclopentadiene	0.0350	0.00200	0.0400	0	87.6	8	130	6.85	50	
Indeno[1,2,3-cd]pyrene	0.0448	0.00200	0.0400	0	112	10	171	5.31	50	
Isophorone	0.0378	0.00200	0.0400	0	94.5	21	196	9.53	50	
Naphthalene	0.0365	0.00200	0.0400	0	91.4	21	133	10.0	50	
N-Nitrosodimethylamine	0.0184	0.00200	0.0400	0	46.1	10	125	8.83	50	
N-Nitrosodi-n-propylamine	0.0395	0.00200	0.0400	0	98.6	10	230	8.12	50	
N-Nitrosodiphenylamine	0.0389	0.00200	0.0400	0	97.2	20	125	8.48	50	
Pyrene	0.0405	0.00200	0.0400	0	101	52	120	6.73	49	
1,2,4-Trichlorobenzene	0.0370	0.00200	0.0400	0	92.4	44	142	8.93	50	
Surr: 2,4,6-Tribromophenol	80.6		80.00		101	10	123	0	0	
Surr: 2-Fluorobiphenyl	73.2		80.00		91.5	43	116	0	0	
Surr: 2-Fluorophenol	52.2		80.00		65.2	21	100	0	0	
Surr: 4-Terphenyl-d14	69.0		80.00		86.2	33	141	0	0	
Surr: Nitrobenzene-d5	78.4		80.00		98.0	35	115	0	0	
Surr: Phenol-d5	35.6		80.00		44.5	10	94	0	0	

Sample ID: **MB-119140**	Batch ID: **119140**	TestNo: **E625.1**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS9_250217A**	Analysis Date: **2/17/2025 7:00:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzidine	<0.00100	0.00400								
Benzo[a]anthracene	<0.00100	0.00200								
Benzo[a]pyrene	<0.00100	0.00200								
Chrysene	<0.00100	0.00200								
2,4-Dimethylphenol	<0.00100	0.00200								
4,6-Dinitro-o-cresol	<0.00200	0.00400								
m,p-Cresols	<0.00200	0.00400								
o-Cresol	<0.00200	0.00400								
p-Chloro-m-Cresol	<0.00200	0.00400								
Hexachlorobenzene	<0.00100	0.00200								
Hexachlorobutadiene	<0.00100	0.00200								
Hexachloroethane	<0.00100	0.00200								
Nitrobenzene	<0.00100	0.00200								
N-Nitrosodiethylamine	<0.00200	0.00400								
N-Nitrosodi-n-butylamine	<0.00100	0.00400								
Pentachlorobenzene	<0.00100	0.00200								
Pentachlorophenol	<0.00100	0.00200								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217A

Sample ID: **MB-119140**	Batch ID: **119140**	TestNo: **E625.1**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS9_250217A**	Analysis Date: **2/17/2025 7:00:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenanthrene	<0.00100	0.00200								
Pyridine	<0.00100	0.00200								
1,2,4,5-Tetrachlorobenzene	<0.00100	0.00200								
2,4,5-Trichlorophenol	<0.00100	0.00200								
2-Chlorophenol	<0.00100	0.00200								
2,4-Dichlorophenol	<0.00100	0.00200								
2,4-Dinitrophenol	<0.00200	0.00400								
2-Nitrophenol	<0.00100	0.00200								
4-Nitrophenol	<0.00200	0.00400								
Phenol	<0.00100	0.00200								
2,4,6-Trichlorophenol	<0.00100	0.00200								
Acenaphthene	<0.00100	0.00200								
Acenaphthylene	<0.00100	0.00200								
Anthracene	<0.00100	0.00200								
Benzo[b]fluoranthene	<0.00100	0.00200								
Benzo[g,h,i]perylene	<0.00100	0.00200								
Benzo[k]fluoranthene	<0.00100	0.00200								
Bis(2-chloroethoxy)methane	<0.00100	0.00200								
Bis(2-chloroethyl)ether	<0.00100	0.00200								
Bis(2-chloroisopropyl)ether	<0.00100	0.00200								
Bis(2-ethylhexyl)phthalate	<0.00300	0.00600								
4-Bromophenyl phenyl ether	<0.00100	0.00200								
Butyl benzyl phthalate	<0.00300	0.00600								
2-Chloronaphthalene	<0.00100	0.00200								
4-Chlorophenyl phenyl ether	<0.00100	0.00200								
Dibenz[a,h]anthracene	<0.00100	0.00200								
3,3´-Dichlorobenzidine	<0.00100	0.00500								
Diethyl phthalate	<0.00300	0.00600								
Dimethyl phthalate	<0.00300	0.00600								
Di-n-butyl phthalate	<0.00300	0.00600								
2,4-Dinitrotoluene	<0.00100	0.00200								
2,6-Dinitrotoluene	<0.00100	0.00200								
Di-n-octyl phthalate	<0.00300	0.00600								
1,2-Diphenylhydrazine	<0.00100	0.00200								
Fluoranthene	<0.00100	0.00200								
Fluorene	<0.00100	0.00200								
Hexachlorocyclopentadiene	<0.00100	0.00200								
Indeno[1,2,3-cd]pyrene	<0.00100	0.00200								
Isophorone	<0.00100	0.00200								
Naphthalene	<0.00100	0.00200								
N-Nitrosodimethylamine	<0.00100	0.00200								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217A

Sample ID: **MB-119140**	Batch ID: **119140**	TestNo: **E625.1**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS9_250217A**	Analysis Date: **2/17/2025 7:00:00 PM**	Prep Date: **2/14/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Nitrosodi-n-propylamine	<0.00100	0.00200								
N-Nitrosodiphenylamine	<0.00100	0.00200								
Pyrene	<0.00100	0.00200								
1,2,4-Trichlorobenzene	<0.00100	0.00200								
Surr: 2,4,6-Tribromophenol	73.4		80.00		91.8	10	123			
Surr: 2-Fluorobiphenyl	66.8		80.00		83.5	43	116			
Surr: 2-Fluorophenol	41.0		80.00		51.3	21	100			
Surr: 4-Terphenyl-d14	63.6		80.00		79.5	33	141			
Surr: Nitrobenzene-d5	67.2		80.00		84.0	35	115			
Surr: Phenol-d5	25.4		80.00		31.8	10	94			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_250217B

The QC data in batch 119140 applies to the following samples: 2502117-01B

Sample ID: **LCS-119140-NP**	Batch ID: **119140**			TestNo: **D7065-17**				Units: **mg/L**			
SampType: **LCS**	Run ID: **GCMS9_250217B**			Analysis Date: **2/17/2025 6:38:00 PM**				Prep Date: **2/14/2025**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Nonylphenol	0.853	0.100	1.00	0	85.3	40	140				N

Sample ID: **MB-119140**	Batch ID: **119140**			TestNo: **D7065-17**				Units: **mg/L**			
SampType: **MBLK**	Run ID: **GCMS9_250217B**			Analysis Date: **2/17/2025 7:00:00 PM**				Prep Date: **2/14/2025**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Nonylphenol	<0.0700	0.100									N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_250212B

The QC data in batch 119104 applies to the following samples: 2502117-02A

Sample ID: **LCS-119104** Batch ID: **119104** TestNo: **E624.1** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS5_250212B** Analysis Date: **2/12/2025 12:08:00 PM** Prep Date: **2/12/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.0215	0.00100	0.0232	0	92.5	65	135			
Carbon tetrachloride	0.0213	0.00100	0.0232	0	91.7	70	130			
Chlorobenzene	0.0222	0.00100	0.0232	0	95.6	35	135			
Chloroform	0.0212	0.00100	0.0232	0	91.6	70	135			
Chlorodibromomethane	0.0210	0.00100	0.0232	0	90.6	70	135			
1,2-Dibromoethane	0.0211	0.00100	0.0232	0	91.0	60	140			
1,2-Dichloroethane	0.0217	0.00100	0.0232	0	93.7	70	130			
1,1-Dichloroethene	0.0214	0.00100	0.0232	0	92.3	50	150			
Methyl ethyl ketone	0.105	0.0150	0.116	0	90.7	60	140			
Tetrachloroethene	0.0227	0.00200	0.0232	0	98.0	70	130			
Trichloroethene	0.0219	0.00100	0.0232	0	94.6	65	135			
1,1,1-Trichloroethane	0.0216	0.00100	0.0232	0	93.1	70	130			
TTHM (Total Trihalomethanes)	0.0829	0.00100	0.0928	0	89.3	60	140			
Vinyl chloride	0.0187	0.00100	0.0232	0	80.4	5	195			
Acrolein	0.0677	0.0150	0.0580	0	117	60	140			
Acrylonitrile	0.0364	0.00300	0.0464	0	78.5	60	140			
1,1,2,2-Tetrachloroethane	0.0204	0.00100	0.0232	0	88.0	60	140			
Bromoform	0.0196	0.00100	0.0232	0	84.4	65	135			
Chloroethane	0.0198	0.00500	0.0232	0	85.2	40	160			
2-Chloroethylvinylether	0.0170	0.0100	0.0232	0	73.3	5	225			
Bromodichloromethane	0.0210	0.00100	0.0232	0	90.7	65	135			
1,1-Dichloroethane	0.0212	0.00100	0.0232	0	91.6	70	130			
1,2-Dichloropropane	0.0211	0.00100	0.0232	0	90.9	35	165			
1,3-Dichloropropene (cis)	0.0203	0.00100	0.0232	0	87.7	25	175			
1,3-Dichloropropene (trans)	0.0205	0.00100	0.0232	0	88.5	50	150			
Ethylbenzene	0.0220	0.00100	0.0232	0	94.9	60	140			
Methyl bromide	0.0190	0.00500	0.0232	0	81.7	15	185			
Methyl chloride	0.0186	0.00500	0.0232	0	80.4	5	205			
Methylene chloride (DCM)	0.0223	0.00500	0.0232	0	96.3	60	140			
Toluene	0.0213	0.00200	0.0232	0	91.9	70	130			
trans-1,2-Dichloroethylene	0.0220	0.00200	0.0232	0	94.6	70	130			
1,1,2-Trichloroethane	0.0209	0.00100	0.0232	0	90.0	70	130			
1,2-Dichlorobenzene	0.0224	0.00100	0.0232	0	96.4	65	135			
1,3-Dichlorobenzene	0.0229	0.00100	0.0232	0	98.8	70	130			
1,4-Dichlorobenzene	0.0230	0.00100	0.0232	0	99.1	65	135			
Surr: 1,2-Dichloroethane-d4	194		200.0		97.2	72	119			
Surr: 4-Bromofluorobenzene	196		200.0		98.0	76	119			
Surr: Dibromofluoromethane	196		200.0		97.9	85	115			
Surr: Toluene-d8	192		200.0		96.2	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_250212B

Sample ID: **MB-119104**	Batch ID: **119104**	TestNo: **E624.1**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS5_250212B**	Analysis Date: **2/12/2025 1:11:00 PM**	Prep Date: **2/12/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	<0.000300	0.00100								
Carbon tetrachloride	<0.000300	0.00100								
Chlorobenzene	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chlorodibromomethane	<0.000300	0.00100								
1,2-Dibromoethane	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,1-Dichloroethene	<0.000300	0.00100								
Methyl ethyl ketone	<0.00500	0.0150								
Tetrachloroethene	<0.000600	0.00200								
Trichloroethene	<0.000600	0.00100								
1,1,1-Trichloroethane	<0.000300	0.00100								
TTHM (Total Trihalomethanes)	<0.000300	0.00100								
Vinyl chloride	<0.000300	0.00100								
Acrolein	<0.00500	0.0150								
Acrylonitrile	<0.00100	0.00300								
1,1,2,2-Tetrachloroethane	<0.000300	0.00100								
Bromoform	<0.000300	0.00100								
Chloroethane	<0.00100	0.00500								
2-Chloroethylvinylether	<0.00600	0.0100								
Bromodichloromethane	<0.000300	0.00100								
1,1-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000300	0.00100								
1,3-Dichloropropene (cis)	<0.000300	0.00100								
1,3-Dichloropropene (trans)	<0.000300	0.00100								
Ethylbenzene	<0.000300	0.00100								
Methyl bromide	<0.00100	0.00500								
Methyl chloride	<0.00100	0.00500								
Methylene chloride (DCM)	<0.00250	0.00500								
Toluene	<0.000600	0.00200								
trans-1,2-Dichloroethylene	<0.000300	0.00200								
1,1,2-Trichloroethane	<0.000300	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
Surr: 1,2-Dichloroethane-d4	199		200.0		99.5	72	119			
Surr: 4-Bromofluorobenzene	204		200.0		102	76	119			
Surr: Dibromofluoromethane	197		200.0		98.7	85	115			
Surr: Toluene-d8	194		200.0		97.2	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_250212B

Sample ID: **2502126-08AMS**	Batch ID: **119104**	TestNo: **E624.1**	Units: **mg/L**
SampType: **MS**	Run ID: **GCMS5_250212B**	Analysis Date: **2/12/2025 9:34:00 PM**	Prep Date: **2/12/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.0210	0.00100	0.0232	0	90.7	37	151			
Carbon tetrachloride	0.0203	0.00100	0.0232	0	87.4	70	140			
Chlorobenzene	0.0218	0.00100	0.0232	0	93.8	37	160			
Chloroform	0.0211	0.00100	0.0232	0	91.0	51	138			
Chlorodibromomethane	0.0206	0.00100	0.0232	0	88.7	53	149			
1,2-Dibromoethane	0.0209	0.00100	0.0232	0	90.2	40	160			
1,2-Dichloroethane	0.0219	0.00100	0.0232	0	94.6	49	155			
1,1-Dichloroethene	0.0205	0.00100	0.0232	0	88.2	10	234			
Methyl ethyl ketone	0.0915	0.0150	0.116	0	78.9	40	160			
Tetrachloroethene	0.0217	0.00200	0.0232	0	93.3	64	148			
Trichloroethene	0.0211	0.00100	0.0232	0	91.2	70	157			
1,1,1-Trichloroethane	0.0211	0.00100	0.0232	0	90.8	52	162			
TTHM (Total Trihalomethanes)	0.0816	0.00100	0.0928	0	88.0	40	160			
Vinyl chloride	0.0181	0.00100	0.0232	0	77.9	10	251			
Acrolein	0.0310	0.0150	0.0580	0	53.5	40	160			
Acrylonitrile	0.0358	0.00300	0.0464	0	77.2	40	160			
1,1,2,2-Tetrachloroethane	0.0203	0.00100	0.0232	0	87.4	46	157			
Bromoform	0.0188	0.00100	0.0232	0	81.2	45	169			
Chloroethane	0.0196	0.00500	0.0232	0	84.4	14	230			
2-Chloroethylvinylether	<0.00600	0.0100	0.0232	0	0	5	273			S
Bromodichloromethane	0.0211	0.00100	0.0232	0	90.9	35	155			
1,1-Dichloroethane	0.0212	0.00100	0.0232	0	91.6	59	155			
1,2-Dichloropropane	0.0211	0.00100	0.0232	0	90.9	10	210			
1,3-Dichloropropene (cis)	0.0198	0.00100	0.0232	0	85.5	10	227			
1,3-Dichloropropene (trans)	0.0197	0.00100	0.0232	0	85.0	17	183			
Ethylbenzene	0.0217	0.00100	0.0232	0	93.3	37	162			
Methyl bromide	0.0158	0.00500	0.0232	0	68.1	10	242			
Methyl chloride	0.0183	0.00500	0.0232	0	78.9	5	273			
Methylene chloride (DCM)	0.0222	0.00500	0.0232	0	95.7	10	221			
Toluene	0.0212	0.00200	0.0232	0	91.5	47	150			
trans-1,2-Dichloroethylene	0.0207	0.00200	0.0232	0	89.3	54	156			
1,1,2-Trichloroethane	0.0213	0.00100	0.0232	0	91.6	52	150			
1,2-Dichlorobenzene	0.0215	0.00100	0.0232	0	92.6	18	190			
1,3-Dichlorobenzene	0.0215	0.00100	0.0232	0	92.5	59	156			
1,4-Dichlorobenzene	0.0219	0.00100	0.0232	0	94.3	18	190			
Surr: 1,2-Dichloroethane-d4	196		200.0		98.1	72	119			
Surr: 4-Bromofluorobenzene	192		200.0		95.9	76	119			
Surr: Dibromofluoromethane	197		200.0		98.4	85	115			
Surr: Toluene-d8	192		200.0		96.1	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_250212B

Sample ID: **2502126-08AMSD**	Batch ID: **119104**	TestNo: **E624.1**	Units: **mg/L**
SampType: **MSD**	Run ID: **GCMS5_250212B**	Analysis Date: **2/12/2025 10:00:00 PM**	Prep Date: **2/12/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.0220	0.00100	0.0232	0	94.8	37	151	4.45	40	
Carbon tetrachloride	0.0214	0.00100	0.0232	0	92.3	70	140	5.49	40	
Chlorobenzene	0.0225	0.00100	0.0232	0	96.8	37	160	3.10	40	
Chloroform	0.0217	0.00100	0.0232	0	93.6	51	138	2.83	40	
Chlorodibromomethane	0.0210	0.00100	0.0232	0	90.4	53	149	1.82	40	
1,2-Dibromoethane	0.0221	0.00100	0.0232	0	95.3	40	160	5.48	40	
1,2-Dichloroethane	0.0225	0.00100	0.0232	0	97.1	49	155	2.64	40	
1,1-Dichloroethene	0.0218	0.00100	0.0232	0	94.0	10	234	6.33	32	
Methyl ethyl ketone	0.0980	0.0150	0.116	0	84.5	40	160	6.88	40	
Tetrachloroethene	0.0226	0.00200	0.0232	0	97.4	64	148	4.27	39	
Trichloroethene	0.0222	0.00100	0.0232	0	95.5	70	157	4.67	40	
1,1,1-Trichloroethane	0.0218	0.00100	0.0232	0	94.0	52	162	3.44	36	
TTHM (Total Trihalomethanes)	0.0841	0.00100	0.0928	0	90.6	40	160	2.94	40	
Vinyl chloride	0.0192	0.00100	0.0232	0	82.7	10	251	5.92	40	
Acrolein	0.0525	0.0150	0.0580	0	90.5	40	160	51.3	40	R
Acrylonitrile	0.0392	0.00300	0.0464	0	84.5	40	160	9.02	40	
1,1,2,2-Tetrachloroethane	0.0222	0.00100	0.0232	0	95.6	46	157	9.00	40	
Bromoform	0.0198	0.00100	0.0232	0	85.2	45	169	4.90	40	
Chloroethane	0.0201	0.00500	0.0232	0	86.6	14	230	2.63	40	
2-Chloroethylvinylether	<0.00600	0.0100	0.0232	0	0	5	273	0	40	S
Bromodichloromethane	0.0216	0.00100	0.0232	0	93.1	35	155	2.36	40	
1,1-Dichloroethane	0.0218	0.00100	0.0232	0	93.8	59	155	2.42	40	
1,2-Dichloropropane	0.0218	0.00100	0.0232	0	94.2	10	210	3.57	40	
1,3-Dichloropropene (cis)	0.0202	0.00100	0.0232	0	87.0	10	227	1.71	40	
1,3-Dichloropropene (trans)	0.0204	0.00100	0.0232	0	87.9	17	183	3.35	40	
Ethylbenzene	0.0223	0.00100	0.0232	0	96.2	37	162	2.97	40	
Methyl bromide	0.0177	0.00500	0.0232	0	76.4	10	242	11.5	40	
Methyl chloride	0.0194	0.00500	0.0232	0	83.5	5	273	5.73	40	
Methylene chloride (DCM)	0.0225	0.00500	0.0232	0	97.0	10	221	1.34	28	
Toluene	0.0218	0.00200	0.0232	0	93.9	47	150	2.62	40	
trans-1,2-Dichloroethylene	0.0222	0.00200	0.0232	0	95.8	54	156	6.96	40	
1,1,2-Trichloroethane	0.0219	0.00100	0.0232	0	94.5	52	150	3.08	40	
1,2-Dichlorobenzene	0.0228	0.00100	0.0232	0	98.3	18	190	5.91	40	
1,3-Dichlorobenzene	0.0227	0.00100	0.0232	0	98.0	59	156	5.84	40	
1,4-Dichlorobenzene	0.0230	0.00100	0.0232	0	98.9	18	190	4.76	40	
Surr: 1,2-Dichloroethane-d4	198		200.0		99.2	72	119	0	0	
Surr: 4-Bromofluorobenzene	196		200.0		97.9	76	119	0	0	
Surr: Dibromofluoromethane	196		200.0		97.8	85	115	0	0	
Surr: Toluene-d8	191		200.0		95.7	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Pollution Control Services
Work Order: 2502117
Project: PCS 791258, 791262-791263

ANALYTICAL QC SUMMARY REPORT

RunID: UV/VIS_2_250217C

The QC data in batch 119170 applies to the following samples: 2502117-03A

Sample ID: **MB-119170**	Batch ID: **119170**	TestNo: **M4500-CN E**	Units: **mg/L**
SampType: **MBLK**	Run ID: **UV/VIS_2_250217C**	Analysis Date: **2/18/2025 1:46:00 PM**	Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cyanide, Total	<0.0100	0.0200								

Sample ID: **LCS-119170**	Batch ID: **119170**	TestNo: **M4500-CN E**	Units: **mg/L**
SampType: **LCS**	Run ID: **UV/VIS_2_250217C**	Analysis Date: **2/18/2025 1:46:00 PM**	Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cyanide, Total	0.198	0.0200	0.2000	0	99.2	85	115			

Sample ID: **2502099-01AMS**	Batch ID: **119170**	TestNo: **M4500-CN E**	Units: **mg/L**
SampType: **MS**	Run ID: **UV/VIS_2_250217C**	Analysis Date: **2/18/2025 1:48:00 PM**	Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cyanide, Total	0.193	0.0200	0.2000	0	96.7	79	114			

Sample ID: **2502099-01AMSD**	Batch ID: **119170**	TestNo: **M4500-CN E**	Units: **mg/L**
SampType: **MSD**	Run ID: **UV/VIS_2_250217C**	Analysis Date: **2/18/2025 1:49:00 PM**	Prep Date: **2/17/2025**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cyanide, Total	0.198	0.0200	0.2000	0	98.9	79	114	2.23	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab ☑ Composite ☑

Date and time sample(s) collected: Feb 11, 2025 @ 0814 - Grab; 0800 Composite

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	<50		1	50
Aldrin	<0.01		1	0.01
Aluminum	96		1	2.5
Anthracene	<10		1	10
Antimony	<5		1	5
Arsenic	<0.5		1	0.5
Barium	<3		1	3
Benzene	<10		1	10
Benzidine	<50		1	50
Benzo(a)anthracene	<5		1	5
Benzo(a)pyrene	<5		1	5
Bis(2-chloroethyl)ether	<10		1	10
Bis(2-ethylhexyl)phthalate	<10		1	10
Bromodichloromethane	<10		1	10
Bromoform	<10		1	10
Cadmium	<1		1	1
Carbon Tetrachloride	<2		1	2
Carbaryl	<5		1	5
Chlordane*	<0.2		1	0.2
Chlorobenzene	<10		1	10
Chlorodibromomethane	<10		1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform	<10		1	10
Chlorpyrifos	<0.05		1	0.05
Chromium (Total)	<3		1	3
Chromium (Tri) (*1)	<3		1	N/A
Chromium (Hex)	<3		1	3
Copper	11		1	2
Chrysene	<5		1	5
p-Chloro-m-Cresol	<10		1	10
4,6-Dinitro-o-Cresol	<50		1	50
p-Cresol	<10		1	10
Cyanide (*2)	<10		1	10
4,4'- DDD	<0.1		1	0.1
4,4'- DDE	<0.1		1	0.1
4,4'- DDT	<0.02		1	0.02
2,4-D	<0.7		1	0.7
Demeton (O and S)	<0.20		1	0.20
Diazinon	<0.5		1	0.5/0.1
1,2-Dibromoethane	<10		1	10
m-Dichlorobenzene	<10		1	10
o-Dichlorobenzene	<10		1	10
p-Dichlorobenzene	<10		1	10
3,3'-Dichlorobenzidine	<5		1	5
1,2-Dichloroethane	<10		1	10
1,1-Dichloroethylene	<10		1	10
Dichloromethane	<20		1	20
1,2-Dichloropropane	<10		1	10
1,3-Dichloropropene	<10		1	10
Dicofol	<1		1	1
Dieldrin	<0.02		1	0.02
2,4-Dimethylphenol	<10		1	10
Di-n-Butyl Phthalate	<10		1	10
Diuron	<0.09		1	0.09
Endosulfan I (alpha)	<0.01		1	0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)	<0.02		1	0.02
Endosulfan Sulfate	<0.1		1	0.1
Endrin	<0.02		1	0.02
Ethylbenzene	<10		1	10
Fluoride	260		1	200
Guthion	<0.1		1	0.1
Heptachlor	<0.01		1	0.01
Heptachlor Epoxide	<0.01		1	0.01
Hexachlorobenzene	<5		1	5
Hexachlorobutadiene	<10		1	10
Hexachlorocyclohexane (alpha)	<0.05		1	0.05
Hexachlorocyclohexane (beta)	<0.05		1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.05		1	0.05
Hexachlorocyclopentadiene	<10		1	10
Hexachloroethane	<20		1	20
Hexachlorophene	<10		1	10
Lead	<0.5		1	0.5
Malathion	<0.1		1	0.1
Mercury	<0.005		1	0.005
Methoxychlor	<2		1	2
Methyl Ethyl Ketone	<50		1	50
Mirex	<0.02		1	0.02
Nickel	<2		1	2
Nitrate-Nitrogen	16,000		1	100
Nitrobenzene	<10		1	10
N-Nitrosodiethylamine	<20		1	20
N-Nitroso-di-n-Butylamine	<20		1	20
Nonylphenol	<333		1	333
Parathion (ethyl)	<0.1		1	0.1
Pentachlorobenzene	<20		1	20
Pentachlorophenol	<5		1	5
Phenanthrene	<10		1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Polychlorinated Biphenyls (PCB's) (*3)	<0.2		1	0.2
Pyridine	<20		1	20
Selenium	<5		1	5
Silver	<0.5		1	0.5
1,2,4,5-Tetrachlorobenzene	<20		1	20
1,1,2,2-Tetrachloroethane	<10		1	10
Tetrachloroethylene	<10		1	10
Thallium	0.7		1	0.5
Toluene	<10		1	10
Toxaphene	<0.3		1	0.3
2,4,5-TP (Silvex)	<0.3		1	0.3
Tributyltin (see instructions for explanation)	N/A		1	0.01
1,1,1-Trichloroethane	<10		1	10
1,1,2-Trichloroethane	<10		1	10
Trichloroethylene	<10		1	10
2,4,5-Trichlorophenol	<50		1	50
TTHM (Total Trihalomethanes)	<10		1	10
Vinyl Chloride	<10		1	10
Zinc	9		1	5

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable.

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab ☑ Composite ☑

Date and time sample(s) collected: Feb 11, 2025 @ 0814 - Grab; 0800 Composite

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony	<5		1	5
Arsenic	<0.5		1	0.5
Beryllium	<0.5		1	0.5
Cadmium	<1		1	1
Chromium (Total)	<3		1	3
Chromium (Hex)	<3		1	3
Chromium (Tri) (*1)	<3		1	N/A
Copper	11		1	2
Lead	<0.5		1	0.5
Mercury	<0.005		1	0.005
Nickel	<2		1	2
Selenium	<5		1	5
Silver	<0.5		1	0.5
Thallium	0.7		1	0.5
Zinc	9		1	5
Cyanide (*2)	<10		1	10
Phenols, Total	10		1	10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein	<50		1	50
Acrylonitrile	<50		1	50
Benzene	<10		1	10
Bromoform	<10		1	10
Carbon Tetrachloride	<2		1	2
Chlorobenzene	<10		1	10
Chlorodibromomethane	<10		1	10
Chloroethane	<50		1	50
2-Chloroethylvinyl Ether	<10		1	10
Chloroform	<10		1	10
Dichlorobromomethane [Bromodichloromethane]	<10		1	10
1,1-Dichloroethane	<10		1	10
1,2-Dichloroethane	<10		1	10
1,1-Dichloroethylene	<10		1	10
1,2-Dichloropropane	<10		1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	<10		1	10
1,2-Trans-Dichloroethylene	<10		1	10
Ethylbenzene	<10		1	10
Methyl Bromide	<50		1	50
Methyl Chloride	<50		1	50
Methylene Chloride	<20		1	20
1,1,2,2-Tetrachloroethane	<10		1	10
Tetrachloroethylene	<10		1	10
Toluene	<10		1	10
1,1,1-Trichloroethane	<10		1	10
1,1,2-Trichloroethane	<10		1	10
Trichloroethylene	<10		1	10
Vinyl Chloride	<10		1	10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol	<10		1	10
2,4-Dichlorophenol	<10		1	10
2,4-Dimethylphenol	<10		1	10
4,6-Dinitro-o-Cresol	<50		1	50
2,4-Dinitrophenol	<50		1	50
2-Nitrophenol	<20		1	20
4-Nitrophenol	<50		1	50
P-Chloro-m-Cresol	<10		1	10
Pentalchlorophenol	<5		1	5
Phenol	<10		1	10
2,4,6-Trichlorophenol	<10		1	10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene	<10		1	10
Acenaphthylene	<10		1	10
Anthracene	<10		1	10
Benzidine	<50		1	50
Benzo(a)Anthracene	<5		1	5
Benzo(a)Pyrene	<5		1	5
3,4-Benzofluoranthene	<10		1	10
Benzo(ghi)Perylene	<20		1	20
Benzo(k)Fluoranthene	<5		1	5
Bis(2-Chloroethoxy)Methane	<10		1	10
Bis(2-Chloroethyl)Ether	<10		1	10
Bis(2-Chloroisopropyl)Ether	<10		1	10
Bis(2-Ethylhexyl)Phthalate	<10		1	10
4-Bromophenyl Phenyl Ether	<10		1	10
Butyl benzyl Phthalate	<10		1	10
2-Chloronaphthalene	<10		1	10
4-Chlorophenyl phenyl ether	<10		1	10
Chrysene	<5		1	5
Dibenzo(a,h)Anthracene	<5		1	5
1,2-(o)Dichlorobenzene	<10		1	10
1,3-(m)Dichlorobenzene	<10		1	10
1,4-(p)Dichlorobenzene	<10		1	10
3,3-Dichlorobenzidine	<5		1	5
Diethyl Phthalate	<10		1	10
Dimethyl Phthalate	<10		1	10
Di-n-Butyl Phthalate	<10		1	10
2,4-Dinitrotoluene	<10		1	10
2,6-Dinitrotoluene	<10		1	10
Di-n-Octyl Phthalate	<10		1	10
1,2-Diphenylhydrazine (as Azo-benzene)	<20		1	20
Fluoranthene	<10		1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene	<10		1	10
Hexachlorobenzene	<5		1	5
Hexachlorobutadiene	<10		1	10
Hexachlorocyclo-pentadiene	<10		1	10
Hexachloroethane	<20		1	20
Indeno(1,2,3-cd)pyrene	<5		1	5
Isophorone	<10		1	10
Naphthalene	<10		1	10
Nitrobenzene	<10		1	10
N-Nitrosodimethylamine	<50		1	50
N-Nitrosodi-n-Propylamine	<20		1	20
N-Nitrosodiphenylamine	<20		1	20
Phenanthrene	<10		1	10
Pyrene	<10		1	10
1,2,4-Trichlorobenzene	<10		1	10

Table 4.0(2)E - Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin	<0.01		1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.05		1	0.05
beta-BHC (Hexachlorocyclohexane)	<0.05		1	0.05
gamma-BHC (Hexachlorocyclohexane)	<0.05		1	0.05
delta-BHC (Hexachlorocyclohexane)	<0.05		1	0.05
Chlordane	<0.2		1	0.2
4,4-DDT	<0.02		1	0.02
4,4-DDE	<0.1		1	0.1
4,4,-DDD	<0.1		1	0.1
Dieldrin	<0.02		1	0.02
Endosulfan I (alpha)	<0.01		1	0.01
Endosulfan II (beta)	<0.02		1	0.02
Endosulfan Sulfate	<0.1		1	0.1
Endrin	<0.02		1	0.02
Endrin Aldehyde	<0.1		1	0.1
Heptachlor	<0.01		1	0.01
Heptachlor Epoxide	<0.01		1	0.01
PCB-1242	<0.2		1	0.2
PCB-1254	<0.2		1	0.2
PCB-1221	<0.2		1	0.2
PCB-1232	<0.2		1	0.2
PCB-1248	<0.2		1	0.2
PCB-1260	<0.2		1	0.2
PCB-1016	<0.2		1	0.2
Toxaphene	<0.3		1	0.3

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a "<".

Section 3. Dioxin/Furan Compounds

A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.

☐ 2,4,5-trichlorophenoxy acetic acid

Common Name 2,4,5-T, CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid

Common Name Silvex or 2,4,5-TP, CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate

Common Name Erbon, CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

Click to enter text.

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?

☐ Yes ☐ No

If **yes**, provide a brief description of the conditions for its presence.

Click to enter text.

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab ☑ Composite ☐

Date and time sample(s) collected: Click to enter text.

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

Pollution Control Services

Sample Log-In Checklist

PCS Sample No(s) 791258 791265 **COC No.** 791258

Client/Company Name: NBU **Checklist Completed by:** LMC

Sample Delivery to Lab Via:
Client Drop Off ✓ Commercial Carrier: Bus ____ UPS ____ Lone Star ____ FedEx ____ USPS ____
PCS Field Services: Collection/Pick Up____ Other:____

Sample Kit/Coolers
Sample Kit/Cooler? Yes ✓ No____ Sample Kit/Cooler: Intact? Yes ✓ No___
Custody Seals on Sample Kit/Cooler: Not Present ✓ If Present, Intact ___ Broken ___
Sample Containers Intact; Unbroken and Not Leaking? Yes ✓ No ___
Custody Seals on Sample Bottles: Not Present ✓ If Present, Intact ___ Broken ___
COC Present with Shipment or Delivery or Completed at Drop Off? Yes ✓ No ___
Has COC sample date/time and other pertinent information been provided by client/sampler? Yes: ✓ No: ___
Has COC been properly Signed when Received/Relinquished? Yes ✓ No ___
Does COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes ✓ No ___
All Samples Received before Hold Time Expiration? Yes ✓ No ___
Sufficient Sample Volumes for Analysis Requested? Yes ✓ No ___
Zero Headspace in VOA Vial? Yes ___ No ___

Sample Preservation:
* ***Cooling:*** **Not Required** _____ or **Required** ✓
If cooling required, record temperature of submitted samples Observed/Corrected 6 / 3 °C ✓
Is Ice Present in Sample Kit/Cooler? ✓ Yes ____ No Samples received same day as collected? ✓ Yes ____ No
Lab Thermometer Make and Serial Number: Vaughan 1807009583 Other:____

Acid Preserved Sample - If present, is pH <2? **Yes** ✓ **No** ___** ✓ H_2SO_4 ✓ HNO_3 ✓ H_3PO_4
Base Preserved Sample - If present, is pH >12? Yes ✓ No ___ ✓ NaOH
Other Preservation:____ If Present, Meets Requirements? Yes____ No____
Sample Preservations Checked by: LMC Date 2.11.25 Time 1033
pH paper used to check sample preservation (PCS log #): 24-189 (HEM pH checked at analysis).

Samples Preserved/Adjusted by Lab:	Lab #	Parameters Preserved	Preservative Used	Log #

Adjusted by Tech/Analyst:____ Date :____Time:____

Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ RevisionComments
Person Notified:____ Contacted by:____
Notified Date:____Time:____
Method of Contact: At Drop Off:____ Phone ___ Left Voice Mail ____ E-Mail ____ Fax ____
Unable to Contact____ Authorized Laboratory to Proceed :____(Lab Director)
Regarding / Comments:____
Actions taken to correct problems/discrepancies:____
Receiving qualifier needed (*requires client notification above*) Temp. ___ Holding Time ___ Initails: ____
Receiving qualifier entered into LIMS at login Initial/Date: ____
Revision Comments: ____