
CERTIFICATE OF ANALYSIS

Work Order : **CG2511084**
Client : **North Springbank Water Coop Limited**
Contact : Barry Okabe
Address : 196 Lariat Loop
Calgary Alberta Canada T3Z 1G1
Telephone : 403-863-9521
Project : SCHEDULE 4 TESTING
PO : ----
C-O-C number : ----
Sampler : ----
Site : ----
Quote number : Q85330
No. of samples received : 1
No. of samples analysed : 1

Laboratory : ALS Environmental - Calgary
Account Manager : Patryk Wojciak
Address : 2559 29th Street NE
Calgary AB Canada T1Y 7B5
E-mail : patryk.wojciak@alsglobal.com
Telephone : +1 403 407 1800
Date Samples Received : 07-Aug-2025 13:45
Date Analysis Commenced : 08-Aug-2025
Issue Date : 20-Aug-2025 10:03

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).



Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Amaninder Dhillon		Organics, Waterloo, Ontario
Andrea Armstrong		VOC, Waterloo, Ontario
Andrew Fox		Metals, Calgary, Alberta
Anthony Calero		Inorganics, Calgary, Alberta
Catherine DeMone		LCMS, Waterloo, Ontario
Elke Tabora		Inorganics, Calgary, Alberta
George Huang		Metals, Calgary, Alberta
Hannah Lewis		Inorganics, Waterloo, Ontario
Harpreet Chawla		Inorganics, Calgary, Alberta
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Sorina Motea		Organics, Calgary, Alberta
William Lake		Microbiology, Winnipeg, Manitoba



General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
LOR: Limit of Reporting (detection limit).

Unit	Description
-	no units
%	percent
CU	colour units (1 cu = 1 mg/l pt)
meq/L	milliequivalents per litre
mg/L	milligrams per litre
pH units	pH units
µg/L	micrograms per litre
µS/cm	microsiemens per centimetre

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Work Order : CG2511084
Client : North Springbank Water Coop Limited
Project : SCHEDULE 4 TESTING





Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

Client sample ID					NSWC Q3 2025 SCH4	----	----	----	----
Client sampling date / time					07-Aug-2025 12:55	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Physical Tests									
Colour, true	----	E329/CG	5.0	CU	<5.0	----	----	----	----
Hardness (as CaCO ₃), dissolved	----	EC100/CG	0.50	mg/L	138	----	----	----	----
Conductivity	----	E100/CG	2.0	µS/cm	907	----	----	----	----
pH	----	E108/CG	0.10	pH units	8.57	----	----	----	----
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	E290/CG	1.2	mg/L	378	----	----	----	----
Alkalinity, carbonate (as CO ₃)	3812-32-6	E290/CG	1.0	mg/L	9.0	----	----	----	----
Alkalinity, hydroxide (as OH)	14280-30-9	E290/CG	1.0	mg/L	<0.3	----	----	----	----
Alkalinity, total (as CaCO ₃)	----	E290/CG	2.0	mg/L	325	----	----	----	----
Solids, total dissolved [TDS], calculated	----	EC103/CG	1.0	mg/L	618	----	----	----	----
Anions and Nutrients									
Ammonia, total (as N)	7664-41-7	E298/CG	0.0050	mg/L	<0.0050	----	----	----	----
Chloride	16887-00-6	E235.Cl/CG	0.50	mg/L	14.8	----	----	----	----
Fluoride	16984-48-8	E235.F/CG	0.020	mg/L	0.599	----	----	----	----
Nitrate (as N)	14797-55-8	E235.NO3/CG	0.020	mg/L	0.224	----	----	----	----
Nitrite (as N)	14797-65-0	E235.NO2/CG	0.010	mg/L	<0.050	----	----	----	----
Sulfate (as SO ₄)	14808-79-8	E235.SO4/CG	0.30	mg/L	185	----	----	----	----
Nitrate + Nitrite (as N)	----	EC235.N+N/CG	0.0500	mg/L	0.224	----	----	----	----
Cyanides									
Cyanide, strong acid dissociable (Total)	----	E333/WT	0.0020	mg/L	<0.0020	----	----	----	----
Organic / Inorganic Carbon									
Carbon, total organic [TOC]	----	E355-L/CG	0.50	mg/L	1.94	----	----	----	----



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					Result	----	----	----	----
Inorganics									
Chlorine, total	7782-50-5	E326-H/CG	0.10	mg/L	0.71	----	----	----	----
Chlorine, free	7782-50-5	E327-H/CG	0.10	mg/L	0.64	----	----	----	----
Chloramines, total (as Cl2)	----	EC326/CG	0.20	mg/L	<0.20	----	----	----	----
Total Sulfides									
Sulfide, total (as S)	18496-25-8	E395/CG	0.0015	mg/L	<0.0015	----	----	----	----
Sulfide, total (as H2S)	7783-06-4	E395/CG	0.0016	mg/L	<0.0016	----	----	----	----
Ion Balance									
Anion sum	----	EC101/CG	0.10	meq/L	10.8	----	----	----	----
Cation sum	----	EC101/CG	0.10	meq/L	10.0	----	----	----	----
Ion balance (APHA)	----	EC101/CG	0.01	%	-3.85	----	----	----	----
Ion balance (cations/anions)	----	EC101/CG	0.010	%	92.6	----	----	----	----
Total Metals									
Aluminum, total	7429-90-5	E420/CG	0.0030	mg/L	<0.0030	----	----	----	----
Antimony, total	7440-36-0	E420/CG	0.00010	mg/L	<0.00010	----	----	----	----
Arsenic, total	7440-38-2	E420/CG	0.00010	mg/L	0.00029	----	----	----	----
Barium, total	7440-39-3	E420/CG	0.00010	mg/L	0.0213	----	----	----	----
Boron, total	7440-42-8	E420/CG	0.010	mg/L	0.045	----	----	----	----
Cadmium, total	7440-43-9	E420/CG	0.0000050	mg/L	0.0000110	----	----	----	----
Calcium, total	7440-70-2	E420/CG	0.050	mg/L	26.6	----	----	----	----
Chromium, total	7440-47-3	E420/CG	0.00050	mg/L	<0.00050	----	----	----	----
Copper, total	7440-50-8	E420/CG	0.00050	mg/L	0.0285	----	----	----	----



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Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Total Metals									
Iron, total	7439-89-6	E420/CG	0.010	mg/L	<0.010	----	----	----	----
Lead, total	7439-92-1	E420/CG	0.000050	mg/L	0.000202	----	----	----	----
Magnesium, total	7439-95-4	E420/CG	0.0050	mg/L	19.6	----	----	----	----
Manganese, total	7439-96-5	E420/CG	0.00010	mg/L	0.0116	----	----	----	----
Mercury, total	7439-97-6	E508/CG	0.0000050	mg/L	<0.0000050	----	----	----	----
Nickel, total	7440-02-0	E420/CG	0.00050	mg/L	<0.00050	----	----	----	----
Potassium, total	7440-09-7	E420/CG	0.050	mg/L	2.24	----	----	----	----
Selenium, total	7782-49-2	E420/CG	0.000050	mg/L	0.000274	----	----	----	----
Silver, total	7440-22-4	E420/CG	0.000010	mg/L	<0.000010	----	----	----	----
Sodium, total	7440-23-5	E420/CG	0.050	mg/L	175	----	----	----	----
Uranium, total	7440-61-1	E420/CG	0.000010	mg/L	0.00123	----	----	----	----
Zinc, total	7440-66-6	E420/CG	0.0030	mg/L	0.0066	----	----	----	----
Dissolved Metals									
Calcium, dissolved	7440-70-2	E421/CG	0.050	mg/L	25.1	----	----	----	----
Iron, dissolved	7439-89-6	E421/CG	0.010	mg/L	<0.010	----	----	----	----
Magnesium, dissolved	7439-95-4	E421/CG	0.0050	mg/L	18.4	----	----	----	----
Manganese, dissolved	7439-96-5	E421/CG	0.00010	mg/L	0.00899	----	----	----	----
Potassium, dissolved	7440-09-7	E421/CG	0.050	mg/L	2.14	----	----	----	----
Sodium, dissolved	7440-23-5	E421/CG	0.050	mg/L	166	----	----	----	----
Dissolved metals filtration location	----	EP421/CG	-	-	Field	----	----	----	----



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Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Aggregate Organics									
Nitrilotriacetic acid [NTA]	139-13-9	E394/WT	0.40	mg/L	<0.40	----	----	----	----
Volatile Organic Compounds									
Acetone	67-64-1	E611F/CG	20	µg/L	<20	----	----	----	----
Bromobenzene	108-86-1	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Bromochloromethane	74-97-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Bromomethane	74-83-9	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Butylbenzene, n-	104-51-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Butylbenzene, sec-	135-98-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Butylbenzene, tert-	98-06-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Carbon disulfide	75-15-0	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Chloromethane	74-87-3	E611F/CG	2.0	µg/L	<2.0	----	----	----	----
Chlorotoluene, 2-	95-49-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Chlorotoluene, 4-	106-43-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Cymene, p-	99-87-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dibromo-3-chloropropane, 1,2-	96-12-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dibromomethane	74-95-3	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichlorobenzene, 1,3-	541-73-1	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichlorobenzene, 1,4-	106-46-7	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichlorodifluoromethane	75-71-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloropropane, 1,2-	78-87-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloropropane, 1,3-	142-28-9	E611F/CG	0.50	µg/L	<0.50	----	----	----	----



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Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Volatile Organic Compounds									
Dichloropropane, 2,2-	594-20-7	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloropropylene, 1,1-	563-58-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloropropylene, cis-1,3-	10061-01-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloropropylene, cis+trans-1,3-	542-75-6	E611F/CG	0.75	µg/L	<0.75	----	----	----	----
Dioxane, 1,4-	123-91-1	E611I-L/WT	1.0	µg/L	<1.0	----	----	----	----
Hexachlorobutadiene	87-68-3	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Hexanone, 2-	591-78-6	E611F/CG	20	µg/L	<20	----	----	----	----
Methyl ethyl ketone [MEK]	78-93-3	E611F/CG	20	µg/L	<20	----	----	----	----
Methyl isobutyl ketone [MIBK]	108-10-1	E611F/CG	20	µg/L	<20	----	----	----	----
Propylbenzene, n-	103-65-1	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichlorobenzene, 1,2,3-	87-61-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichlorobenzene, 1,2,4-	120-82-1	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichloroethane, 1,1,2-	79-00-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichlorofluoromethane	75-69-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichloropropane, 1,2,3-	96-18-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Volatile Organic Compounds [Drycleaning]									
Carbon tetrachloride	56-23-5	E611F/CG	0.20	µg/L	<0.20	----	----	----	----
Chloroethane	75-00-3	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloroethane, 1,1-	75-34-3	E611F/CG	0.50	µg/L	<0.50	----	----	----	----



Analytical Results

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 (Matrix: Water)

Client sample ID					NSWC Q3 2025 SCH4	----	----	----	----
Client sampling date / time					07-Aug-2025 12:55	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Volatile Organic Compounds [Drycleaning]									
Dichloroethane, 1,2-	107-06-2	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloroethylene, cis-1,2-	156-59-2	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloroethylene, trans-1,2-	156-60-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dichloromethane	75-09-2	E611F/CG	1.0	µg/L	<1.0	----	----	----	----
Dichloropropylene, trans-1,3-	10061-02-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Tetrachloroethylene	127-18-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichloroethane, 1,1,1-	71-55-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trichloroethylene	79-01-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Vinyl chloride	75-01-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Volatile Organic Compounds [Fuels]									
Benzene	71-43-2	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Dibromoethane, 1,2-	106-93-4	E611F/CG	0.20	µg/L	<0.20	----	----	----	----
Ethylbenzene	100-41-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Hexane, n-	110-54-3	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Isopropylbenzene	98-82-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Styrene	100-42-5	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Toluene	108-88-3	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trimethylbenzene, 1,2,4-	95-63-6	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Trimethylbenzene, 1,3,5-	108-67-8	E611F/CG	0.50	µg/L	<0.50	----	----	----	----
Xylene, m+p-	179601-23-1	E611F/CG	0.40	µg/L	<0.40	----	----	----	----



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					Result				
Volatile Organic Compounds [Fuels]									
Xylene, o-	95-47-6	E611F/CG	0.30	µg/L	<0.30				
Xylenes, total	1330-20-7	E611F/CG	0.50	µg/L	<0.50				
Volatile Organic Compounds Surrogates									
Bromofluorobenzene, 4-	460-00-4	E611F/CG	1.0	%	85.5				
Bromofluorobenzene, 4-	460-00-4	E611I-L/WT	1.0	%	93.9				
Difluorobenzene, 1,4-	540-36-3	E611F/CG	1.0	%	124				
Difluorobenzene, 1,4-	540-36-3	E611I-L/WT	1.0	%	96.5				
Polycyclic Aromatic Hydrocarbons									
Benzo(a)pyrene	50-32-8	E641A/CG	0.0050	µg/L	<0.0050				
Polycyclic Aromatic Hydrocarbons Surrogates									
Chrysene-d12	1719-03-5	E641A/CG	0.1	%	97.0				
Naphthalene-d8	1146-65-2	E641A/CG	0.1	%	93.0				
Phenanthrene-d10	1517-22-2	E641A/CG	0.1	%	108				
Disinfectant By-Products									
Bromate	15541-45-4	E722A/WT	0.00030	mg/L	0.00150				
Chlorate	14866-68-3	E409.CLO3/WT	0.010	mg/L	0.089				
Chlorite	14998-27-7	E409.CLO2/WT	0.010	mg/L	<0.010				
Semi-Volatile Organics Surrogates									
Fluorobiphenyl, 2-	321-60-8	E625/WT	1.0	%	98.9				
Nitrobenzene-d5	4165-60-0	E625/WT	1.0	%	93.1				
Terphenyl-d14, p-	1718-51-0	E625/WT	1.0	%	120				



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					Result	----	----	----	----
Chlorinated Phenolics									
Pentachlorophenol [PCP]	87-86-5	E625/WT	0.50	µg/L	<0.50	----	----	----	----
Trichlorophenol, 2,4,6-	88-06-2	E625/WT	0.20	µg/L	<0.20	----	----	----	----
Phenolics Surrogates									
Tribromophenol, 2,4,6-	118-79-6	E625/WT	0.50	%	139	----	----	----	----
Organochlorine Pesticides									
Aldrin	309-00-2	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Chlordane, cis- (alpha)	5103-71-9	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Chlordane, total	57-74-9	E660F/WT	0.011	µg/L	<0.011	----	----	----	----
Chlordane, trans- (gamma)	5103-74-2	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
DDD, 2,4'-	53-19-0	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----
DDD, 4,4'-	72-54-8	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----
DDD, total	----	E660F/WT	0.0060	µg/L	<0.0060	----	----	----	----
DDE, 2,4'-	3424-82-6	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----
DDE, 4,4'-	72-55-9	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----
DDE, total	----	E660F/WT	0.0060	µg/L	<0.0060	----	----	----	----
DDT, 2,4'-	789-02-6	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----
DDT, 4,4'-	50-29-3	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----
DDT, total	----	E660F/WT	0.0060	µg/L	<0.0060	----	----	----	----
Dieldrin	60-57-1	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Endosulfan sulfate	1031-07-8	E660F/WT	0.0070	µg/L	<0.0070	----	----	----	----
Endosulfan, alpha-	959-98-8	E660F/WT	0.0070	µg/L	<0.0070	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

Client sample ID					NSWC Q3 2025 SCH4	----	----	----	----
Client sampling date / time					07-Aug-2025 12:55	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Organochlorine Pesticides									
Endosulfan, beta-	33213-65-9	E660F/WT	0.0070	µg/L	<0.0070	----	----	----	----
Endosulfan, total	----	E660F/WT	0.010	µg/L	<0.010	----	----	----	----
Endrin	72-20-8	E660F/WT	0.010	µg/L	<0.010	----	----	----	----
Endrin aldehyde	7421-93-4	E660F/WT	0.010	µg/L	<0.010	----	----	----	----
Heptachlor	76-44-8	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Heptachlor epoxide	1024-57-3	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorobenzene	118-74-1	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorobutadiene	87-68-3	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorocyclohexane, alpha-	319-84-6	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorocyclohexane, beta-	319-85-7	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorocyclohexane, delta-	319-86-8	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorocyclohexane, gamma- [Lindane]	58-89-9	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Hexachlorocyclohexane, total	608-73-1	E660F/WT	0.016	µg/L	<0.016	----	----	----	----
Hexachloroethane	67-72-1	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Methoxychlor	72-43-5	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Mirex	2385-85-5	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Nonachlor, trans-	39765-80-5	E660F/WT	0.010	µg/L	<0.010	----	----	----	----
Oxychlordan	27304-13-8	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----
Pentachloronitrobenzene	82-68-8	E660F/WT	0.010	µg/L	<0.010	----	----	----	----
Aldrin + Dieldrin	----	E660F/WT	0.011	µg/L	<0.011	----	----	----	----
DDT + metabolites, total	----	E660F/WT	0.010	µg/L	<0.010	----	----	----	----



Analytical Results

Sub-Matrix: Water
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Client sample ID					NSWC Q3 2025 SCH4	----	----	----	----
Client sampling date / time					07-Aug-2025 12:55	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	CG2511084-001	----	----	----	----
					Result	----	----	----	----
Organochlorine Pesticides									
Heptachlor + Heptachlor epoxide	n/a	E660F/WT	0.011	µg/L	<0.011	----	----	----	----
Organochlorine Pesticides Surrogates									
Decachlorobiphenyl	2051-24-3	E660F/WT	0.10	%	73.7	----	----	----	----
Tetrachloro-m-xylene	877-09-8	E660F/WT	0.10	%	105	----	----	----	----
Herbicides									
Acetic acid, 2-methyl-4-chlorophenoxy-[MCPA]	94-74-6	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Alachlor	15972-60-8	E755/WT	0.050	µg/L	<0.050	----	----	----	----
Ametryn	834-12-8	E755/WT	0.025	µg/L	0.045	----	----	----	----
Asulam	3337-71-1	E706A/WT	0.010	µg/L	<0.010	----	----	----	----
Atrazine	1912-24-9	E755/WT	0.050	µg/L	<0.050	----	----	----	----
Atrazine + metabolites, total	----	E755/WT	0.45	µg/L	<0.45	----	----	----	----
Atrazine + N-dealkylated metabolites	----	E755/WT	0.10	µg/L	<0.10	----	----	----	----
Atrazine-desethyl	6190-65-4	E755/WT	0.025	µg/L	<0.025	----	----	----	----
Brodifacoum	56073-10-0	E706A/WT	0.010	µg/L	<0.010	----	----	----	----
Bromacil	314-40-9	E706A/WT	0.10	µg/L	<0.10	----	----	----	----
Bromoxynil	1689-84-5	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Butanoic acid, 4-(4-chloro-2-methylphenoxy)-[MCPB]	94-81-5	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Clopyralid	1702-17-6	E706A/WT	0.10	µg/L	<0.10	----	----	----	----
Cyanazine	21725-46-2	E755/WT	0.10	µg/L	<0.10	----	----	----	----
Dicamba	1918-00-9	E706A/WT	0.10	µg/L	<0.10	----	----	----	----



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					Result	----	----	----	----
Herbicides									
Dichlorophenoxy(2,4-)butyric acid, 4- [2,4-DB]	94-82-6	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Dichlorophenoxyacetic acid, 2,4- [2,4-D]	94-75-7	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Dichloroprop [2,4-DP]	120-36-5	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Diffenican	83164-33-4	E706A/WT	0.010	µg/L	<0.010	----	----	----	----
Dinoseb	88-85-7	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Diquat (ion)	2764-72-9	E723A/WT	1.0	µg/L	<1.0	----	----	----	----
Fluazifop-p-butyl	79241-46-6	E755/WT	0.025	µg/L	<0.025	----	----	----	----
Glyphosate	1071-83-6	E716A/WT	1.0	µg/L	<1.0	----	----	----	----
Linuron	330-55-2	E706A/WT	0.10	µg/L	<0.10	----	----	----	----
Mecoprop [MCP]	95-65-2	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Metribuzin	21087-64-9	E755/WT	0.10	µg/L	<0.10	----	----	----	----
Nicarbazine	330-95-0	E706A/WT	0.010	µg/L	<0.010	----	----	----	----
Oryzalin	19044-88-3	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Prometon	1610-18-0	E755/WT	0.025	µg/L	<0.025	----	----	----	----
Propanil	709-98-8	E706A/WT	0.010	µg/L	<0.010	----	----	----	----
Propazine	139-40-2	E755/WT	0.025	µg/L	<0.025	----	----	----	----
Terbacil	5902-51-2	E706A/WT	0.010	µg/L	<0.010	----	----	----	----
Terbutryn	886-50-0	E755/WT	0.025	µg/L	0.034	----	----	----	----
Triallate	2303-17-5	E755/WT	0.10	µg/L	<0.10	----	----	----	----
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T]	93-76-5	E706A/WT	0.050	µg/L	<0.050	----	----	----	----



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					Result	----	----	----	----
Herbicides									
Trichlorophenoxypropionic acid, 2,4,5- [2,4,5-TP]	93-72-1	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Triclopyr	55335-06-3	E706A/WT	0.050	µg/L	<0.050	----	----	----	----
Herbicides Surrogates									
Dichlorophenylacetic acid, 2,4-	19719-28-9	E706A/WT	1.0	%	98.6	----	----	----	----
Insecticides									
Bendiocarb	22781-23-3	E755/WT	0.025	µg/L	<0.025	----	----	----	----
Chlorpyrifos	2921-88-2	E756/WT	0.10	µg/L	<0.10	----	----	----	----
Dimethoate	60-51-5	E755/WT	0.050	µg/L	<0.050	----	----	----	----
Malathion	121-75-5	E755/WT	0.025	µg/L	<0.025	----	----	----	----
Parathion	56-38-2	E756/WT	0.10	µg/L	<0.10	----	----	----	----
Parathion-methyl	298-00-0	E756/WT	0.10	µg/L	<0.10	----	----	----	----
Temephos	3383-96-8	E755/WT	0.25	µg/L	<0.25	----	----	----	----
Nitrosamines									
Nitrosodimethylamine, N- [NDMA]	62-75-9	E725A/WT	0.034	µg/L	<0.034	----	----	----	----
Nitrosamines Surrogates									
Nitrosodimethylamine-d6, N-	17829-05-9	E725A/WT	0.10	%	94.6	----	----	----	----
Organic Parameters									
Microcystin	101043-37-2	E576/WP	0.15	µg/L	<0.15	----	----	----	----

Please refer to the General Comments section for an explanation of any qualifiers detected.