



Vernon Hills
50 S American Way
Vernon Hills, IL 60061

Reported:
12/05/2025 15:02

Work Order Case Narrative

25L0044-01:

DCFS has established an action limit for Lead in drinking water of 2.00 ug/L or 2ppb. This sample had a lead result of 1.83 ppb. This sample has a detectable amount of lead present. This sample **DOES NOT EXCEED** this limit; therefore, this water sample is **SATISFACTORY**.

25L0044-02:

DCFS has established an action limit for Lead in drinking water of 2.00 ug/L or 2ppb. This sample had a lead result of <1 ppb. This sample has no detectable amount of lead present. This sample **DOES NOT EXCEED** this limit; therefore, this water sample is **SATISFACTORY**.

25L0044-03:

DCFS has established an action limit for Lead in drinking water of 2.00 ug/L or 2ppb. This sample has a lead result of <1 ppb. This sample has no detectable amount of lead present. This samples **DOES NOT EXCEED** this limit; therefore, this water sample is **SATISFACTORY**.

25L0044-04:

DCFS has established an action limit for Lead in drinking water of 2.00 ug/L or 2ppb. This sample has a lead result of <1 ppb. This sample has no detectable amount of lead present. This samples **DOES NOT EXCEED** this limit; therefore, this water sample is **SATISFACTORY**.

25L0044-05:

DCFS has established an action limit for Lead in drinking water of 2.00 ug/L or 2ppb. This sample has a lead result of <1 ppb. This sample has no detectable amount of lead present. This samples **DOES NOT EXCEED** this limit; therefore, this water sample is **SATISFACTORY**.



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12/05/2025 15:02

Analytical Results

Lake County Environmental Laboratory

Sample: 25L0044-01 **Sampled:** 12/03/25 06:04
Name: Nurse Station sink **Received:** 12/03/25 08:00
Matrix: Drinking Water **Type:** First Draw **Collected By:** Kyle Metzel

Parameter	Result	Unit	RL	Qualifier	Analyzed	Analyst	Method
Lead	1.83	ug/L	1.00		12/05/2025 10:26	URB	EPA-200.8-Rev 5.4, 1994

Sample: 25L0044-02 **Sampled:** 12/03/25 06:10
Name: Kitchen Sink **Received:** 12/03/25 08:00
Matrix: Drinking Water **Type:** First Draw **Collected By:** Kyle Metzel

Parameter	Result	Unit	RL	Qualifier	Analyzed	Analyst	Method
Lead	<1.00	ug/L	1.00		12/05/2025 11:21	URB	EPA-200.8-Rev 5.4, 1994

Sample: 25L0044-03 **Sampled:** 12/03/25 06:12
Name: Lunchroom Drinking Four **Received:** 12/03/25 08:00
Matrix: Drinking Water **Type:** First Draw **Collected By:** Kyle Metzel

Parameter	Result	Unit	RL	Qualifier	Analyzed	Analyst	Method
Lead	<1.00	ug/L	1.00		12/05/2025 11:25	URB	EPA-200.8-Rev 5.4, 1994

Sample: 25L0044-04 **Sampled:** 12/03/25 06:15
Name: Room 130 Sink **Received:** 12/03/25 08:00
Matrix: Drinking Water **Type:** First Draw **Collected By:** Kyle Metzel

Parameter	Result	Unit	RL	Qualifier	Analyzed	Analyst	Method
Lead	<1.00	ug/L	1.00		12/05/2025 11:37	URB	EPA-200.8-Rev 5.4, 1994



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Reported:
12/05/2025 15:02

Analytical Results (Continued)

Lake County Environmental Laboratory

Sample: 25L0044-05	Sampled: 12/03/25 06:17
Name: Room 130 Drinking Foun	Received: 12/03/25 08:00
Matrix: Drinking Water Type: First Draw	Collected By: Kyle Metzel

Parameter	Result	Unit	RL	Qualifier	Analyzed	Analyst	Method
Lead	<1.00	ug/L	1.00		12/05/2025 11:41	URB	EPA-200.8-Rev 5.4, 1994



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Certified Analyses included in this Report

Analyte	CAS #	Certifications
<i>EPA-200.8-Rev 5.4, 1994 in Drinking Water</i>		
Lead		TNI

List of Certifications

Code	Description	Number	Expires
TNI		100267	01/31/2026
SIL1X		IL17541	02/28/2026



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Notes and Qualifier Definitions

Qualifiers

- * Value exceeds Maximum Contaminant Level
- A Absent
- B Analyte detected in the associated Method Blank
- E Estimated, detected above calibration quantitation range
- EST Estimated calculated value
- G Refer to case narrative page for specific comments
- H Holding time for preparation or analysis exceeded
- J Analyte below quantitation limit
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit (RL)
- P Present
- S Satisfactory
- QR RPD outside accepted recovery limits
- QS Spike Recovery outside accepted recovery limits
- V EPA Requires field analysis/filtration. Lab analysis would be considered past hold time
- X Analyte not in scope of accreditation
- I Analyte not in scope of accreditation

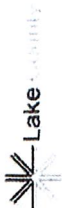
Certifications

Lake County Environmental Laboratory participates in the following laboratory accreditation and certification programs. Endorsement by the State of Illinois is not implied.

TNI Accreditation for Drinking Water and Wastewater through IL EPA Lab No. 100267

Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17541

Lake County Environmental Laboratory



500 W. Winchester Road, Unit 103
Libertyville, IL 60048
Ph#: 847-377-7741
Fax#: 847-984-5623

LAKE COUNTY ENVIRONMENTAL LABORATORY

CHAIN OF CUSTODY RECORD

* Address: Vernon Hills 637 Wagon Dr Vernon Hills, IL		* Sampler (please print) *: Kyle Mettel		* Sampler's signature *: [Signature]		Batch login#: 2520044		Analysis Requested	
Contact Person: Katie Rosado		Additional Contact Information: Email: kmettel@lakecountyil.gov		Logged by: [Signature]		PO#:			
Project Name: Pb		Phone: 847 301 5424		Project Number:					
* Sample Description/Location Nurses Station sink		* Date collected 12/12/25		* Time collected 0604		sample type first draw		Total # of Containers 1	
* (Homeowner Signature) Relinquished by: [Signature]		Date 12-23-25		Time 0751		Matrix Type DW		Lab	
Relinquished by: [Signature]		Received by: [Signature]		Date 12/23/25		Time 0800		yes no [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] []	
		(Lab Signature) Received by: [Signature]		Date 12/23/25		Time 0800		Sample accepted [] Sample rejected []	

Comments: #1

* To Be Completed by Resident *	
Water was last used? Date 12-2-25 Time 1400	
Recent plumbing repair/replacement?	YES NO [] [X]
Water Softener on used tap?	[] [X]

Matrix Types:
GW - ground water
O - Other

WW - waste water
SL - sludge

DW - drinking water
SS - solids
AQ - Aqueous



CHAIN OF CUSTODY RECORD

* Address:	Vernon Hills
Contact Person:	Katie Rosado
Project Name:	Pb
* Sample Description/Location	Lake sink
(Homeowner Signature) Relinquished by:	Date 12-3-25
Relinquished by:	Date 0157
Received by:	Date 12-3-25
(Lab Signature)	Date 12-3-25
Received by:	Date 0800
Sample rejected	yes no

Comments:

SL/01-14: Rev. 1

#2

*** To Be Completed by Resident ***

	Date	Time
Water was last used?	12-2-25	1400
Recent plumbing repair/replacement?		NO
Water Softener on used tap?		X

Matrix Types:
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O - Other

WW - waste water
SL - sludge

DW - drinking water
SS - solids
AQ - Aqueous



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Fax#: 847-984-5623

LAKE COUNTY ENVIRONMENTAL LABORATORY

CHAIN OF CUSTODY RECORD

* Address: Vernon Hills 637 W Aspen Dr Vernon Hills, IL		* Sampler (please print) *: Vicki Mettel		* Sampler's signature *: <i>[Signature]</i>		Batch login#: 25L0044		Analysis Requested	
Contact Person: Katie Rosado		Additional Contact Information: Email: kmettel@lakecountyil.gov		Logged by: URB		PO#:			
Project Name: Pb		Phone: 847 309 5424		Project Number:					
* Sample Description/Location Lunch Room Drinking Fountain		* Date collected 12/3/25		* Time collected 0612		sample type first draw		Total # of Container 1	
* (Homeowner Signature) Relinquished by: <i>[Signature]</i>		Date 12-3-25		Time 0754		Matrix Type DW		yes no	
Relinquished by:		Received by: <i>[Signature]</i>		Date 12/3/25		Time 0800		Sample delivered within correct holding time sample delivered in good condition adequate volume of sample collected correct sample container used thermal preservation met sample temperature upon receipt	
		(Lab Signature) Received by: <i>[Signature]</i>		Date 12/3/25		Time 0800		Sample accepted	
Comments: #3								Sample rejected	

SLU01-14: Rev. 1

* To Be Completed by Resident *	
Water was last used? Date: 12/2/25 Time: 1400	
YES	NO
Recent plumbing repair/replacement?	X
Water Softener on used tap?	X

Matrix Types:
GW - ground water
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VW - waste water
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AQ - Aqueous



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LAKE COUNTY ENVIRONMENTAL LABORATORY

CHAIN OF CUSTODY RECORD

* Address: 637 W Aspen Dr Vernon Hills, IL		* Sampler (please print) *: Lyle Metcal		* Sampler's signature *: <i>[Signature]</i>		Additional Contact Information: Email: <i>lmetcal@lakecountyil.gov</i> Phone: <i>847 307 5424</i>		Batch login#: 25L0044		Logged by: URB		PO#:		Project Number:		Lead		Analysis Requested	
Contact Person: Katie Rosado		Project Name: Pb		* Date collected 12/13/25		* Time collected 0615		sample type first draw		grab		comp		Matrix Type DW		Total # of Containers 1			
* Sample Description/Location Room 130 sink		* Homeowner Signature) <i>[Signature]</i>		Date 12-3-25		Time 0753		Received by: <i>[Signature]</i>		Date 12/3/25		Time 0800		(for lab use only) sample delivered within correct holding time sample delivered in good condition adequate volume of sample collected correct sample container used thermal preservation met sample temperature upon receipt		yes no			
Relinquished by: <i>[Signature]</i>		Relinquished by: <i>[Signature]</i>		Date 12/3/25		Time 0753		(Lab Signature) Received by: <i>[Signature]</i>		Date 12/3/25		Time 0800		Sample accepted		Sample rejected		NA°C	

Comments:

4

* To Be Completed by Resident *

Water was last used?		Date	Time
		12/21/25	1900
YES	NO		
	X		
Recent plumbing repair/replacement?			
	X		
Water Softener on used tap?			
	X		

Matrix Types:
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LAKE COUNTY ENVIRONMENTAL LABORATORY

CHAIN OF CUSTODY RECORD

* Address: Vernon Hills 637 N Aspen Dr Vernon Hills, IL		* Sampler (please print): Kyle Metzel		* Sampler's signature: <i>[Signature]</i>		Batch login#: 25L0044		Analysis Requested	
Contact Person: Katie Rosado		Additional Contact Information: Email: kmetzel@lakecounty.il.gov		Logged by: <i>[Signature]</i>		PO#:			
Project Name: Pb		Phone: 847 309 5424		Project Number:					
* Sample Description/Location Res. 130 Oakley Court		* Date collected 12/12/15		* Time collected 0617		sample type first draw		Total # of Container 1	
* (Homeowner Signature) Relinquished by: <i>[Signature]</i>		Date 12-12-15		Time 0750		Received by: <i>[Signature]</i>		(for lab use only) sample delivered within correct holding time sample delivered in good condition adequate volume of sample collected correct sample container used thermal preservation met sample temperature upon receipt Sample accepted ☒ Sample rejected ☐	
Relinquished by: <i>[Signature]</i>		Date 12/12/15		Time 0800		(Lab Signature) Received by: <i>[Signature]</i>		NA °C	

Comments:

#65

AJ
12/14/15

* To Be Completed by Resident *

Water was last used?
Date 12/12/15 Time 1400

Recent plumbing repair/replacement?
Water Softener on used tap?

Matrix Types:
GW - ground water
O - Other

WW - waste water
SL - sludge

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