May 21, 2025

Doug Carney
Dunlap Lake Property Owners Association
P.O. Box 5
Edwardsville, IL 62025
TEL: (618) 791-1398
FAX:

Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Dunlap Lake **WorkOrder:** 25051290

Dear Doug Carney:

TEKLAB, INC received 3 samples on 5/14/2025 11:34:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

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

Sincerely,

Allison Simpson

Allison Simpson
Project Manager
(618)344-1004 ex 43
asimpson@teklabinc.com

Client: Dunlap Lake Property Owners Association
Work Order: 25051290
Client Project: Dunlap Lake
Report Date: 21-May-25

This reporting package includes the following:

Client: Dunlap Lake Property Owners Association **Work Order:** 25051290

Client Project: Dunlap Lake **Report Date:** 21-May-25

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

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Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Case Narrative

http://www.teklabinc.com/

Client: Dunlap Lake Property Owners Association
Work Order: 25051290
Client Project: Dunlap Lake
Report Date: 21-May-25

Cooler Receipt Temp: 14.1 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: Dunlap Lake Property Owners Association **Work Order:** 25051290

Client Project: Dunlap Lake **Report Date:** 21-May-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Dunlap Lake Property Owners Association
Work Order: 25051290
Client Project: Dunlap Lake
Report Date: 21-May-25
Lab ID: 25051290-001
Client Sample ID: Sample 1
Matrix: AQUEOUS
Collection Date: 05/14/2025 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9223B 23RD ED., COLILERT-18 QUANTITRAY								
E Coli	IDPH	1.0		**3.1**	MPN/100ml	1	05/14/2025 14:34	R364990
EPA 600 351.2								
Total Kjeldahl Nitrogen (as N)	NELAP	1	J	**0.6**	mg/L	1	05/16/2025 12:24	239219
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		**< 0.100**	mg/L	1	05/16/2025 12:23	239218

Client: Dunlap Lake Property Owners Association
Work Order: 25051290
Client Project: Dunlap Lake
Report Date: 21-May-25
Lab ID: 25051290-002
Client Sample ID: Sample 2
Matrix: AQUEOUS
Collection Date: 05/14/2025 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9223B 23RD ED., COLILERT-18 QUANTITRAY								
E Coli	IDPH	1.0		**4.1**	MPN/100ml	1	05/14/2025 14:34	R364990
EPA 600 351.2								
Total Kjeldahl Nitrogen (as N)	NELAP	1	J	**0.8**	mg/L	1	05/19/2025 15:41	239271
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		**< 0.100**	mg/L	1	05/19/2025 15:40	239270

Client: Dunlap Lake Property Owners Association
Work Order: 25051290
Client Project: Dunlap Lake
Report Date: 21-May-25
Lab ID: 25051290-003
Client Sample ID: Sample 3
Matrix: AQUEOUS
Collection Date: 05/14/2025 10:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9223B 23RD ED., COLILERT-18 QUANTITRAY								
E Coli	IDPH	1.0		**21.1**	MPN/100ml	1	05/14/2025 14:34	R364990
EPA 600 351.2								
Total Kjeldahl Nitrogen (as N)	NELAP	1	J	**0.8**	mg/L	1	05/19/2025 15:44	239271
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.10	J	**0.076**	mg/L	1	05/19/2025 15:42	239270

Receiving Check List

http://www.teklabinc.com/

Client: Dunlap Lake Property Owners Association
Client Project: Dunlap Lake

Work Order: 25051290
Report Date: 21-May-25

Carrier: Doug Carney

Received By: EG

Completed by: Amber Dilallo
On: 14-May-25

Reviewed by: Elizabeth A. Hurley
On: 14-May-25

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	14.1	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
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 ☐				
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

Any No responses must be detailed below or on the COC.

pH strip #101358. - NR/amberdilallo - 5/14/2025 12:31:34 PM

Drop off Location
☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

CHAIN OF CUSTODY pg. ___ of ___ Work order # 25051290

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004

Client:	Dunlap Lake Property Owners Association		
Address:	P.O. Box 5		
City / State / Zip	Edwardsville, IL 62025		
Contact:	Doug Carney	**Phone:**	(618) 791-1398
E-Mail:	doug.carney@gmail.com	**Fax:**	

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 14.1 °C LTG# 20
Preserved in: ☐ LAB ☒ FIELD
FOR LAB USE ONLY
Lab Notes 10/358 ~5/14

Client Comments: Surface water 73°F at samples 1 and 3 Report QC LVL:___

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☐ Yes ☒ No

Project Name/Number: Dunlap Lake
Sample Collector's Name: Doug Carney

Results Requested (call for PFAS TAT and surcharges)
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Date ___ ☐ 3 Day (50% Surcharge)

Billing/PO#

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	MATRIX: Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	INDICATE ANALYSIS REQUESTED: E.Coli	Phos	TKN
25051290-001	Sample 1	5/14/25 0935									X						X	X	X
002	Sample 2	5/14/25 0950									X						X	X	X
003	Sample 3	5/14/25 1005									X						X	X	X

Relinquished By	Date/Time	Received By	Date/Time
Doug Carney	5/14/25 1134	[signature]	5/14/25 11:34

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 100090