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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

White Oak Ice Company
106 Conestoga Avenue
New Holland PA 17557

April 29, 2013

Project: Coliform Analysis

Submittal Date: 04/23/2013
Group Number: 1384784
PO Number: SENSENIG
State of Sample Origin: PA

Client Sample Description	Lancaster Labs (LLI) #
Melted Ice Water Sample	7031338
Raw Well Water Sample	7031339

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO White Oak Ice Company Attn: Jason Sensenig

Respectfully Submitted,

Angela M. Miller
Specialist

(717) 556-7260

Sample Description: Melted Ice Water Sample

Project Name: Coliform Analysis

LLI Sample # PW 7031338
LLI Group # 1384784
Account # 06727

Collected: 04/23/2013 06:30 by JS

Submitted: 04/23/2013 11:30
Reported: 04/29/2013 15:44

White Oak Ice Company
106 Conestoga Avenue
New Holland PA 17557

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Microbiology	**SM 9223 B-1997**		**/100ml**	**/100ml**	
06477	Total Coliform	n.a.	See Below		n.a.
	Total Coliform	Negative	/100ml		
	E. coli	Negative	/100ml		

The water this test result represents is considered BACTERIOLOGICALLY SAFE for drinking according to standards established by the Environmental Protection Agency (EPA). If the source of your water supply is a well, we recommend that you retest your well water every 6 to 12 months to verify that it continues to be bacteriologically safe.
The water this sample represents is bacteriologically potable according to current standards as established by the EPA.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/14

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06477	Total Coliform	SM 9223 B-1997	1	042313SW	04/24/2013 17:26	Suzanne M Will	n.a.

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Analysis Report

Sample Description: Raw Well Water Sample

Project Name: Coliform Analysis

LLI Sample # PW 7031339
LLI Group # 1384784
Account # 06727

Collected: 04/23/2013 08:00 by JS

Submitted: 04/23/2013 11:30
Reported: 04/29/2013 15:44

White Oak Ice Company
106 Conestoga Avenue
New Holland PA 17557

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Microbiology	**SM 9223 B-1997**		**/100ml**	**/100ml**	
06477	Total Coliform	n.a.	See Below		n.a.
	Total Coliform	Negative	/100ml		
	E. coli	Negative	/100ml		

The water this test result represents is considered BACTERIOLOGICALLY SAFE for drinking according to standards established by the Environmental Protection Agency (EPA). If the source of your water supply is a well, we recommend that you retest your well water every 6 to 12 months to verify that it continues to be bacteriologically safe.
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General Sample Comments

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CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06477	Total Coliform	SM 9223 B-1997	1	042313SW	04/24/2013 17:26	Suzanne M Will	n.a.

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.