

## ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories  
2425 New Holland Pike  
Lancaster, PA 17605-2425

Prepared for:

White Oak Ice Company  
106 Conestoga Avenue  
New Holland PA 17557

June 14, 2012

Project: Coliform Analysis

Submittal Date: 06/12/2012

Group Number: 1315137

PO Number: SENSENIG

State of Sample Origin: PA

Client Sample Description

Melted Ice Water Sample

Raw Well Water Sample

Lancaster Labs (LLI) #

6684449

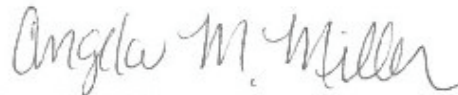
6684450

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

ELECTRONIC      White Oak Ice Company  
COPY TO

Attn: Jason Sensenig

Respectfully Submitted,

Angela M. Miller  
Specialist

(717) 556-7260

**Sample Description: Melted Ice Water Sample**

LLI Sample # PW 6684449

**Project Name: Coliform Analysis**

LLI Group # 1315137

Account # 06727

Collected: 06/12/2012 06:30 by NS

White Oak Ice Company

106 Conestoga Avenue

New Holland PA 17557

Submitted: 06/12/2012 14:45

Reported: 06/14/2012 09:32

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
<b>Microbiology</b>					
	<b>SM20 9223 B</b>		/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: 1/31/13

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06477	Total Coliform	SM20 9223 B	1	061212SW	06/13/2012 21:29	Suzanne M Will	n.a.

**Sample Description: Raw Well Water Sample**

**LLI Sample # PW 6684450**

**Project Name: Coliform Analysis**

**LLI Group # 1315137**

**Account # 06727**

Collected: 06/12/2012 08:00 by NS

White Oak Ice Company

106 Conestoga Avenue

New Holland PA 17557

Submitted: 06/12/2012 14:45

Reported: 06/14/2012 09:32

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# Explanation of Symbols and Abbreviations

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

<b>RL</b>	Reporting Limit	<b>BMQL</b>	Below Minimum Quantitation Level
<b>N.D.</b>	none detected	<b>MPN</b>	Most Probable Number
<b>TNTC</b>	Too Numerous To Count	<b>CP Units</b>	cobalt-chloroplatinate units
<b>IU</b>	International Units	<b>NTU</b>	nephelometric turbidity units
<b>umhos/cm</b>	micromhos/cm	<b>ng</b>	nanogram(s)
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>µg</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>mL</b>	milliliter(s)	<b>L</b>	liter(s)
<b>m<sup>3</sup></b>	cubic meter(s)	<b>µL</b>	microliter(s)
		<b>pg/L</b>	picogram/liter
<b>&lt;</b>	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	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.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	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.		

## Data Qualifiers:

**C** – result confirmed by reanalysis.

**J** - estimated value – The result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).

## U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
<b>A</b>	TIC is a possible aldol-condensation product	<b>B</b>	Value is $<$ CRDL, but $\geq$ IDL
<b>B</b>	Analyte was also detected in the blank	<b>E</b>	Estimated due to interference
<b>C</b>	Pesticide result confirmed by GC/MS	<b>M</b>	Duplicate injection precision not met
<b>D</b>	Compound quantitated on a diluted sample	<b>N</b>	Spike sample not within control limits
<b>E</b>	Concentration exceeds the calibration range of the instrument	<b>S</b>	Method of standard additions (MSA) used for calculation
<b>N</b>	Presumptive evidence of a compound (TICs only)	<b>U</b>	Compound was not detected
<b>P</b>	Concentration difference between primary and confirmation columns $>25\%$	<b>W</b>	Post digestion spike out of control limits
<b>U</b>	Compound was not detected	<b>*</b>	Duplicate analysis not within control limits
<b>X,Y,Z</b>	Defined in case narrative	<b>+</b>	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.

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