



McHenry Analytical Water Laboratory, Inc.

4314-A CRYSTAL LAKE ROAD • McHENRY ILLINOIS 60050 • 815/344-4044

ANALYSIS REPORT AND CHAIN OF CUSTODY RECORD

SOURCE OF SUPPLY IS: (check or fill in)					COUNTY (Collection in)	CITY	
					DATE COLLECTED	Time Collected:	IS THIS CITY WATER? YES NO
WELL DUG RAW AT PUMP	DRILLED FILTERED	DRIVEN FINISHED	CISTERN FAUCET AT	NEW CONSTRUCTION	COLLECTED BY:		

ADDRESS OF SOURCE

MAIL REPORT TO:

NAME: _____

STREET: _____

CITY: _____ State _____ ZIP _____

PHONE # _____ FAX _____

EMAIL _____

<input type="checkbox"/> RC	<input type="checkbox"/> Pb	<input type="checkbox"/> Resample
<input type="checkbox"/> Fecal Only	<input type="checkbox"/> Colisure	<input type="checkbox"/> Colilert 24 Hr
	<input type="checkbox"/> Q Tray 18 or 24 Hr	<input type="checkbox"/> Colilert 18 Hr

New Well Permit # _____

SURCHARGE: _____

(Use separate sheet of thin paper for further remarks)

TESTS AVAILABLE – SAMPLE MUST BE DELIVERED TO LAB WITHIN 30 HRS. AFTER COLLECTION

BACTERIOLOGICAL RESULTS	Count			CHEMISTRY	RESULTS	EPA LIMITS	MO L	CHEMISTRY	RESULTS	EPA LIMITS	MO L
<input type="checkbox"/> Membrane Filter		GROWTH	OPINION	<input type="checkbox"/> Qualitative NO2/NO3		1.0		<input type="checkbox"/> Sulfate		250.0	
<input type="checkbox"/> Total Coliform		A / P	U / S	<input type="checkbox"/> IC Nitrate		10.0		<input type="checkbox"/> pH		6.5-8.5	
<input type="checkbox"/> Fecal Coliform		A / P	U / S	<input type="checkbox"/> IC Nitrite		1.0		<input type="checkbox"/> Chloride		250.0	
MMO-ONPG/CPRG RESULTS	Tot. Coli		Opinion	<input type="checkbox"/> Residual Chlorine		0		<input type="checkbox"/> Lead		0.015	
	<input type="checkbox"/> Colisure	A / P	A / P	U / S	<input type="checkbox"/> Flouride		4.0	<input type="checkbox"/> Copper		1.3	
	<input type="checkbox"/> Colilert 18 or 24	A / P	A / P	U / S	<input type="checkbox"/> Iron		0.3	<input type="checkbox"/> Radon222		300 pCi/L	
<input type="checkbox"/> Q-Tray 18 or 24			U / S	<input type="checkbox"/> Hardness		150.0		<input type="checkbox"/> R226/R228		5 pCi/L	
<input type="checkbox"/> Fecal Strep Count				<input type="checkbox"/> Alkalinity				<input type="checkbox"/> Gross Alpha		5 pCi/L	
				<input type="checkbox"/> Arsenic		0.010		<input type="checkbox"/> TDS		500.0	

P=PRESENT A=ABSENT S=SATISFACTORY U=UNSATISFACTORY TNTC=TOO NUMEROUS TO COUNT CG=CONFLUENT GROWTH

LABORATORY INFORMATION

ILLINOIS REGISTRY #17556
WDATCP #10102

DO NOT WRITE IN THIS AREA

REPORT OF ANALYSIS

This sample has been analyzed for pollutional bacteria called "coliforms" which are normally present in the intestinal track of humans, birds, and land animals. They are always found in sewage, and are generally present in surface water and shallow ground water. Coliforms in a water sample usually indicate that pollution is entering the water supply and that organisms which cause intestinal infections may be present or may gain entrance to the supply. Proper location, construction, and maintenance of a supply will prevent pollution from entering, thus assuring a bacteriologically safe water.

OPINIONS checked below indicate the quality of water for drinking at the time of sample collection:

- Safe for drinking, but the continued safety depends upon source being properly located, constructed, and maintained. Do not rely on a "safe" analysis if there is any sanitary defect in location or construction of source.
- Pollutional bacteria present in sample. The water is unsafe to drink. Pollutional organisms are destroyed by bringing the water to a rolling boil for three minutes
- Nitrate content - satisfactory - for use by children under one year old.
- Nitrate content is too high for use by children under one year as it may cause "blue baby" illness. Nitrate in water cannot be decreased by boiling. Water with 10 or less milligrams of nitrate (as N) per liter (MG/L) is recommended.