



**DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

59-17 Junction Boulevard
Flushing, New York 11373

**Emily Lloyd
Commissioner**

May 29, 2008
Case No.:2008B529

Ms. Ching See Chan
94-20 Guy Brewer Blvd
Office of Health and Safety
Queens, NY 11451

Subject: *Drinking Water Quality Investigation*

Dear Ms. Chan:

In response to your concern regarding the quality of your drinking water, enclosed please find a copy of the laboratory test results for the water samples collected from the nearest hydrant on 7 May 2008 (refer to Table 1). Hydrant sample results represent the quality of the water supplied by New York City (NYC) to your home (refer to Table 1).

Samples were analyzed to determine the levels of a variety of physical, chemical and microbiological parameters. The maximum or recommended levels for each parameter allowable by the New York State Department of Health (NYSDOH) along with the expected ranges for NYC drinking water are listed in Table 2. The samples collected met all NYSDOH drinking water quality standards for all tests performed.

If you have any questions regarding this report or require further assistance, contact me at (718) 595-6373.

Very truly yours,

Ralph Riccardi
Supervisor, Special Investigations
NYC DEP Drinking Water Quality

cc: Files



NYC Department of Environmental Protection
Bureau of Water Supply
DWQC - Special Investigations, Distribution Laboratory
ELAP CERTIFICATE # 10770

Ms. Ching See Chan
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 Queens, NY 11451

212-781-6371

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Table 1: Consumer's Drinking Water Sample Results

Item	1
Collection Date	5/7/2008
Sample #	10167
Location	Hydrant
Draw	Hydrant
Temperature (°F)	55
Turbidity (NTU)	1.5
Color (unit)	7
pH	7.1
Specific Conductivity (µmhos/cm)	82
Free Residual Chlorine (mg/L)	0.50
Lead (mg/L)	<0.001
Copper (mg/L)	<0.001
Iron (mg/L)	0.04
Manganese (mg/L)	0.016
Zinc (mg/L)	<0.002
Coliform Bacteria (CFU/100 mL)	<1

Table 2: NYS DOH Standards & Expected Ranges For NYC Drinking Water

Component	NYS DOH Maximum or Recommended Level	Expected Range For Surface Drinking Water	Expected Range Well Water (Groundwater) Drinking Water
Temperature (°F)	No Designated Limit	34-74	35-75
Turbidity (NTU)*	5 NTU	0.50-10.00	0.07-9.90
Color (unit)*	15 units	4-20	1-30
pH	6.5 - 8.5	6.8-7.9	5.9-8.0
Specific Conductivity (µmhos/cm)	No Designated Limit	67-318	69-758
Free Residual Chlorine (mg/L)	No Designated Limit	0.10-1.30	0.00-1.50
Lead (mg/L) **	0.015 mg/L	ND-0.018	ND-0.008
Copper (mg/L)**	1.3 mg/L	N-0.070	ND-0.155
Iron (mg/L)	0.3 mg/L	0.020-0.140	ND-1.710
Manganese (mg/L)	0.3 mg/L	0.009-0.069	ND-0.286
Zinc (mg/L)	5 mg/L	ND-0.004	ND-0.545
Coliform (CFU/100 mL) ***	***	<1	<1

ABBREVIATIONS

NTU : Nephelometer turbidity unit

µmhos/cm : micromhos per centimeter

mg/L : milligrams per liter

ND : Not Detected

CFU : Colony forming units

* : Refer to NYC 2000 Drinking Water Supply and Quality Report (www.nyc.gov/dep)

** : Based on EPA Federal Action Level

*** : NYS DOH Limit not to exceed 5% of all monthly compliance samples test positive for coliform bacteria