



April 19, 2010

Mike Carpanzano
Village of Melrose Park
1002 N. 27th Ave
Melrose Park, IL 60160

Workorder: 1004225

TEL: (708) 531-5360
FAX: (708) 345-1391
RE: Disinfectant By Products

Dear Mike Carpanzano:

Suburban Laboratories, Inc. received 1 sample(s) on 04/07/10 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation on, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Patrick Rodriguez
Project Manager



Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

Case Narrative

Client: Village of Melrose Park

Project: Disinfectant By Products

WorkOrder: 1004225

Temperature of samples upon receipt at SLI: 9 C

Date: April 19, 2010

PO #:

QC Level: LEVEL I

Chain of Custody #: preprinted

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- In Laboratory: EPA recommends this analyte be analyzed "immediately" (e.g., tests that should be performed in the field within 15 minutes of collection). Analytes with "immediate" hold times are analyzed as soon as possible upon receipt by the laboratory.
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:



Client ID: Village of Melrose Park
Project Name: Disinfectant By Products

Report Date: April 19, 2010
Lab Order: 1004225

Client Sample ID: DBPMAX

Matrix: DRINKING WATER

Lab ID: 1004225-001 **Date Received:** 04/07/2010 9:00 AM

Collection Date: 04/07/2010 8:30 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
TRICHALOMETHANES (THM)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: ap		
Chloroform	8.58	0	1.00		µg/L	1	04/12/2010 11:41 PM	R1126
Bromodichloromethane	7.61	0	1.00		µg/L	1	04/12/2010 11:41 PM	R1126
Dibromochloromethane	4.99	0	1.00		µg/L	1	04/12/2010 11:41 PM	R1126
Bromoform	ND	0	1.00		µg/L	1	04/12/2010 11:41 PM	R1126
Total Trihalomethanes (TTHMS)	21.2	80.0	2.00		µg/L	1	04/12/2010 11:41 PM	R1126
Surr: 1,2-Dichlorobenzene-d4	117	0	53.4-133		%REC	1	04/12/2010 11:41 PM	R1126
Surr: 4-Bromofluorobenzene	108	0	65.5-123		%REC	1	04/12/2010 11:41 PM	R1126
HALOACETIC ACIDS (HAA5)			Method: EPA-552.3-Rev 1.0, July 2003			Analyst: ls		
Chloroacetic acid	ND	0	2.00		µg/L	1	04/15/2010 1:38 PM	413
Dichloroacetic acid	4.55	0	1.00		µg/L	1	04/15/2010 1:38 PM	413
Trichloroacetic acid	5.48	0	1.00		µg/L	1	04/15/2010 1:38 PM	413
Bromoacetic acid	ND	0	1.00		µg/L	1	04/15/2010 1:38 PM	413
Dibromoacetic acid	1.36	0	1.00		µg/L	1	04/15/2010 1:38 PM	413
Total Haloacetic Acids (HAA5)	11.4	60.0	0		µg/L	1	04/15/2010 1:38 PM	413
Surr: 2-Bromobutanoic acid	106	0	70-130		%REC	1	04/15/2010 1:38 PM	413

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	c Analyte not in SLI scope of accreditation	E Estimated, detected above quantitation range
	G Refer to case narrative page for specific comments	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limit (QL)	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits



Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

PREP DATES REPOR

Client: Village of Melrose Park
Project: Disinfectant By Products

Report Date: April 19, 2010
Lab Order: 1004225

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1004225-001B	04/07/10 8:30:00 AM	413	552PR	AQPREP: HAAs		04/14/10



Suburban Laboratories, Inc.
 4140 Litt Drive, Hillside, Illinois 60162-1183
 Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
 www.suburbanlabs.com



Chain of Custody for Drinking Water Compliance Testing

Report To:
 Mike Carpanzano
 Village of Melrose Park
 1002 N. 27th Ave
 Melrose Park, IL 60160

Phone: (708) 531-5360
 FacilityID: IL0311860
 Project: :0311860 - DBP

Collected By: CARMEN FIDRANTI

Lab Use Only
 Workorder: 1004-225
 Lab Sample Number

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Sample Number
DBP MAX 104 N 23RD AVE	2	552	4-7-10	8:30	1B
DBP MAX 104 N 23RD AVE	2	524THM	4-7-10	8:30	1A
DISTRIBUTION MELROSE PARK	2	524THM	4-7-10	8:30	/
DISTRIBUTION MELROSE PARK	2	552	4-7-10	8:30	/

Relinquished By: Carmen Fidranti ^{8:58} Date/Time 4-7-10
 Received By: [Signature] Date/Time 4/7/10

Lab Use Only
 Received on Ice: Yes / No
 Received Temperature: 9 C
 Received By: NY
 Date Received: 4/7/10 Time Received: 900
 Lab Delivery: SLI Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



Water System Name: MELROSE PARK

Water System Number: IL0311860

Analysis Report Form

-Water System Section-

Water System Name: MELROSE PARK

Sampling Period: 04/01/2010 to 06/30/2010

Water System Number: IL0311860

-Sampling Point Section-

WSF State Asgn ID: DISTRIBUTION / Description: MELROSE PARKSampling Point: DBPMAX / Description: 104 N 23RD AVECollection Date (MMDDYYYY): 04-07-2010Collection Time: 8:30Sample Collector Name Telephone No.: CARMEN FIDRAVANTI 1-708-531-5360Sample Purpose (Circle One): Routine (RT) Repeat (RP) Special (SP)Sample Type (Circle One): Finished (FN) Raw (RW) Distribution (DS)

- Required Sampling at Sample Point DBPMAX -

Analyte Group Code: DBP

Analyte	Analyte Code	Method Code*	w/ Units of Measurement*	
			Lab Reporting Level	Concentration
MONOCHLOROACETIC ACID	2450			
DICHLOROACETIC ACID	2451			
TRICHLOROACETIC ACID	2452			
MONOBROMOACETIC ACID	2453			
DIBROMOACETIC ACID	2454			
CHLOROFORM	2941			
BROMOFORM	2942			
BROMODICHLOROMETHANE	2943			
DIBROMOCHLOROMETHANE	2944			



Illinois Environmental Protection Agency

Water System Name: MELROSE PARK

Water System Number: IL0311860

-Laboratory Section-

Laboratory State ID Number: _____

Laboratory Name: _____

Lab Sample Number: _____

Date Lab Rept.: _____

Complete Date: _____

Complete Time: _____

Comments (Data Quality Issues): _____

**Mail Results to: Illinois Environmental Protection Agency
Drinking Water Compliance Unit, Mailstop #19
1021 North Grand Avenue East, P.O. 19276
Springfield, IL 62794-9276**

Questions Call: (217) 785-0561

Fax: (217) 557-1407

Signature of Analyst or Official _____

Date Forwarded _____

*** See List of Permitted Values**

This Agency is authorized to require this information under Illinois Revised Statutes, 1987, Chapter 111 1/2, Section 1004(H). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$10,000.00 and an additional civil penalty up to \$1,000.00 for each day the failure continues. a fine up to \$1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.