

2000 - 2001

Office of the Mayor
Rudolph W. Giuliani

Deputy Mayors

ANTHONY CARBONETTI

ENVIRONMENTAL PROTECTION
DEPARTMENT OF

0026

Folder

02/06/001

Box



www.alpha-sys.com



**Department of
Environmental
Protection**

59-17 Junction Boulevard
Corona, New York
11368-5107

**Joel A. Miele Sr., P.E.
Commissioner**

**Diana Chapin, Ph.D.
First Deputy
Commissioner**

Tel. (718) 595-6576
Fax. (718) 595-3557
Dchapin@nysnet.net

August 3, 2000

Mr. James R. McManus
McManus Midtown Democratic Association
345 West 44th Street
New York, NY 10036

Dear Mr. McManus:

After our discussion, I asked Deputy Commissioner of Water and Sewer Douglas Greeley to further investigate the problem the owners of 1251 Avenue of the Americas have been having with water intrusion. As a result, I have been informed that our leak detection unit found a circular split in a twelve inch watermain on 50th Street between 5th and 6th Avenues. The main was repaired on Saturday, July 28th and we believe the leak has been stopped.

It was good to speak with you again. Please let me know if the condition recurs.

Sincerely yours,

Diana Chapin, Ph.D.
First Deputy Commissioner

DC:ngm

xc: Anthony V. Carbonetti ✓
Desmond Burke
Douglas Greeley



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(718) DEP-HELP

7/25/00 sent copy to Greeley Done Logged

★ **McManus Midtown Democratic Association** ★

345 West 44th Street, New York, NY 10036 - Tel: (212)582-1347 Fax: (212)581-2115

E-Mail: CManzano@ix.netcom.com Web: www.midtownmedia.com/mcmanus

Denise Spillane
James R. McManus
District Leaders

*Send brief
Response*

Carlos Manzano
State Committeeman
President

RECEIVED
JUL 25 11 30 AM
2000

July 22, 2000

Ms. Diana Chapin
Executive Director
N.Y.C. Water Board
59-17 Junction Blvd.
Corona, NY 11368

Dear Ms. Chapin,

The owners of 1251 Avenue of the Americas are having water trouble. Although your department has been very cooperative, the water keeps coming in.

Please, if you would have your staff look into this matter. Enclosed is a fax from the owners that explains everything.

I thank you in advance. I am,

Sincerely,

James R. McManus

cc: Mr. Anthony Carbonetti
Mr. Desmond Burke

JUL 19 2000

1:54PM

MITSUI FUDOSAN NEW YORK INC

NO.299

P.1/9

Mitsui Fudosan (New York), Inc.

FAX Cover Sheet

TO: Desmond Burke Fax: 212-966-9104	Date: 7/10/00 Ref. # : FROM: Christopher N. Perez Mitsui Fudosan (New York), Inc. 1251 Avenue of the Americas Suite 800 New York, N.Y. 10020 Tel: (212) 403-5629 Fax: (212) 403-5657
Subject: <u>1251 Avenue of the Americas</u>	Filename:
Additional Distribution: (Please distribute within ADDRESSEES organization as shown below.)	
J. Mazza F. Montes	Number of Pages incl. Cover Sheet: 9

Dear Desmond:

As discussed, we are experiencing water leaks into our building along the 6th Avenue perimeter wall. The leaks are constantly flowing and affecting several of our tenants.

We have tested the water to confirm that it is City water and the Water Dept. has also tested it, although they neither confirm nor deny that the leak is City water. As a matter of fact, there is a constant pool of water on the west side of 6th avenue between 50th & 49th Street near a fire hydrant, that appears to be related to our leaking condition. We have seen Con Ed and Bell Atlantic trucks on 6th Avenue pumping massive amounts of water out of manholes, so there must be a significant water problem below street-level.

We have spent approximately \$15,000 to-date to divert and channel the incoming leak to a sump pump and a drain. As you can imagine, our tenants are not very happy about the situation. Fortunately, we have been able to minimize the damage so far.

We need more cooperation from the City departments to eliminate the leaking condition.

Attached are 8 emails detailing our efforts with the City Water Dept. to attempt to get there cooperation to fix the leak. To date no digging has occurred that would help locate the source of the leak.

Thank you for your assistance and cooperation in the above matter.



JUL. 10. 2000 1:55PM MITSUI FUDOSAN NEW YORK INC

NO. 299 P. 2/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Wednesday, May 24, 2000 3:55 PM
To: cperez@MFNY.com
Cc: FRANK MONTES; JOHN MAZZA; James Mullen
Subject: Various Problems

I met with the DEP today regarding the street leak. The result is that they will give it to the night crew to check for leaks under the 6th ave street. They are also forwarding a report to a division that can contact the MTA to see if we can get to the section behind the wall and see if there is anything visual. They will be in contact with me tomorrow to let me know the outcome.

NA I placed a call to Peter Mundy about the HVAC in RC Comm. and the problems there. He said he would contact HLW and in turn Lehr Construction to arrange a meeting. I'm still waiting for his reply. If I don't hear anything today I will call again in the a.m.

I also received a call from Rich Weiss regarding a meeting with the prospective tenant for the C-2 space. He wants to meet at 11:30 on June 2nd, 2000. If anyone wants to join me, feel welcome.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

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JUL.10.2000 1:55PM

MITSUI FUDOSAN NEW YORK INC

NO.299

P.3/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Tuesday, May 30, 2000 11:35 AM
To: James Mullen
Cc: cperez@MFNY.com; FRANK MONTES; JOHN MAZZA
Subject: Re: Water Leak 6th Ave. & C3 East

I finally got through to Mark Natali and he said they never shut the hydrant for testing. He will send the 4-12 shift to do it today. He asked that I call him back tomorrow to follow up. If its not done today I would appreciate if anyone has a connection in the water dept. that we can appeal to.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

>>> James Mullen 05/26/00 12:00PM >>>
Brian;

I spoke to Mark Natali 212 689-1550 in regards to the water leak on 6th ave. They did not isolate the fire hydrant on 6th ave. yet. He was going to try to set something up for tomorrow Sat. 5/27/00. He said to call again on Tuesday 5/30/00 he may have further info.

Jim Mullen , Assistant Chief Engr.
1251 Avenue of the Americas
New York, NY 10020

jmullen@rockgrp.com
Tel:212 282-1707
Fax:212 282-1711

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JUL.10.2000

1:55PM

MITSUI FUDOSAN NEW YORK INC

NO.299

P.4/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Thursday, June 01, 2000 12:10 PM
To: cperez@MFNY.com; JOHN MAZZA
Subject: Re: C3 Water Infiltration

I spoke with Mark Natali who is a supervisor with the water dept. and explained the facts that the water is still coming back along the curb line even after we vacuumed it up. He sent a crew in today to verify this and scheduled a shutdown of the 12" line on 6th avenue. He said that he will schedule it for Friday midnight but if it doesn't happen then, it will be Monday night at Midnight. He said it had to be this way because they need to send out notifications to Bldgs that might be effected by this shutdown. I told him again how critical this was, ie: lease agreements with tenants, construction shutdowns, constant calls for input from them, etc. and his answer was "yeah - you and 1,000 other people". I explained that I wasn't concerned with the other 999 just us and the tenant trying to build out the space and he said he understood, he still refused to do better timewise. I'll stay on top of them. I still believe this is the best way to solve this and I'm still not sure about a sump pit at this time.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

>>> chris perez <cperez@MFNY.com> 05/30/00 09:01AM >>>
What is the current status?

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JUL.10.2000 1:55PM MITSUI FUDOSAN NEW YORK INC

NO.299 P.5/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Friday, June 09, 2000 10:09 AM
To: JOHN MAZZA
Cc: cperez@MFNY.com; gsutherland@MFNY.com; FRANK MONTES
Subject: C-3 Leak

On Wednesday June 7,2000 I met with the water dept again to inspect the leak. This was after they shut the 12" main on 6th ave. The leak was the same as before but I told them it slowed down only so they could turn it over to leak detection unit for sounding the street. I then spoke with Ernie Williams who is the head supervisor at the 38th st. yard. He said he would create an order and get this done either Wed. night or Thurs. morning. When I called Mr. Williams yesterday, he said that he only put the request in that morning and they most likely wouldn't do anything until this weekend. I check the leak numerous times during the day and there's no change. We also had the sump pit chopped last night and the waterproofing will be done this evening. A sump is on order and I am working on getting the power over to that corner for the pump. I will not have an answer if they sounded the street until Monday morning at the earliest.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

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: JUL.10.2000 1:55PM MITSUI FUDOSAN NEW YORK INC

NO.299 P.6/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Thursday, June 15, 2000 11:38 AM
To: cperez@MFNY.com; JOHN MAZZA
Subject: Re: C3 Water

I am in constant contact with the water dept. I spoke to Ernie Williams at the 38th street yard again yesterday and he said he will call and let me know if they sounded the st. yet. I never received a call. I just placed a call to Ernie Williams again and he's in the field. I spoke to Reuben Rodriquez and he's going to check with the Leak Task Force to see if this was done yet.

The pump should be in today or tomorrow and I'll have it installed ASAP.
The water is still as bad as before. The water is still in the street along the curb. I will continue to keep you updated.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

>>> chris perez <cperez@MFNY.com> 06/14/00 02:26PM >>>
What is happening? There is still water in the street and I assume in the basement. You need to keep me better informed.

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JUL.10.2000

1:56PM

MITSUI FUDOSAN NEW YORK INC

NO.299

P.7/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Monday, June 26, 2000 4:04 PM
To: JOHN MAZZA
Cc: cperez@MFNY.com; FRANK MONTES
Subject: C-3 leak

After having been shutdown for more than 1 week, it appears the leak is not subsiding. I have a meeting set for this Wednesday with Gary Broughton and his arch. to decide where they want to locate the pump. As soon as this is clear, I will have it hooked up and running. I will continue to work on the water dept to correct the situation in the street.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

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JUL.10.2000 1:56PM MITSUI FUDOSAN NEW YORK INC

NO.299 P.8/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Wednesday, June 28, 2000 10:47 AM
To: cperez@mfamerica.com; JOHN MAZZA
Cc: FRANK MONTES
Subject: RE: C-3 leak

I spoke with Ernie Williams today and he was surprised that the water was still leaking. He said they would try a shutdown from 48th to 51st and also the intersection at 50th street. They still have the 12" main down on 6th ave. The status is still the same regarding the leak. I just left Saf from Conco Waterproofing and he will continue either today or tomorrow. Gary Broughton will advise me later on today about the new location for the pump.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

>>> chris perez <cperez@mfamerica.com> 06/27/00 01:54PM >>>
Did we get letter from Thorton Thomasetti?

-----Original Message-----

From: BRIAN SULLIVAN [mailto:BSULLIVAN@rockgrp.com]
Sent: Monday, June 26, 2000 4:04 PM
To: JOHN MAZZA
Cc: cperez@MFNY.com; FRANK MONTES
Subject: C-3 leak

After having been shutdown for more than 1 week, it appears the leak is not subsiding. I have a meeting set for this Wednesday with Gary Broughton and his arch. to decide where they want to locate the pump. As soon as this is clear, I will have it hooked up and running. I will continue to work on the water dept to correct the situation in the street.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

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JUL.10.2000 1:56PM MITSUI FUDOSAN NEW YORK INC

NO.299 P.9/9

chris perez

From: BRIAN SULLIVAN [BSULLIVAN@rockgrp.com]
Sent: Monday, July 10, 2000 1:00 PM
To: cperez@MFNY.com
Cc: FRANK MONTES; JOHN MAZZA
Subject: C-3 leak

The water dept. Has been promising to do different types of shutdowns over the last few months. I have been in constant contact with Supervisor Ernie Williams @ the 38th street yard. I called again today but I was told he was in the field and they would give him the message. They also said this many times but he never calls me, I always have to call him until I reach him. Then it's seems like more promises of different type shutdowns.

The leak has remained the same and I should have the plumbing piped in by the end of this week. I do not have any other city agencies or contacts that I can call for help.

Brian Sullivan
Manager of Engineering Services
1251 Avenue of the Americas
212 282-1703

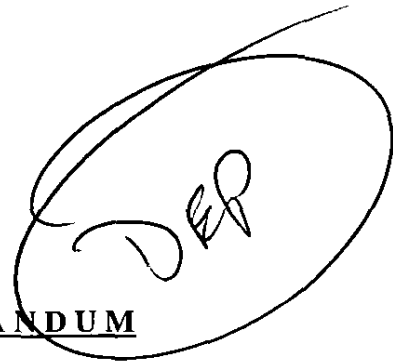
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**Department of
Environmental
Protection**

59-17 Junction Boulevard
Corona, New York
11368-5107

**Joel A. Miele Sr., P.E.
Commissioner**



MEMORANDUM

February 1, 2001

TO : *Anthony* Anthony Carbonetti
FROM : Louis Tazzi *hew*
SUBJ : Elizabeth Collins

The Department of Environmental Protection has selected Elizabeth Collins to fill the position of Administrative Staff Analyst M-VI at \$110,000, to serve as Deputy Commissioner, for the Bureau of Customer Services.

Ms. Collins has the requisite technical, supervisory and managerial skills necessary to be effective in the position and the Department strongly endorses this appointment.

c: File



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(718) DEP-HELP



**Department of
Environmental
Protection**

59-17 Junction Boulevard
Corona, New York
11368-5107

MEMORANDUM

February 1, 2001

**Joel A. Miele Sr., P.E.
Commissioner**

TO : Anthony Carbonetti *TC*

FROM : Louis Tazzi *LT*

SUBJ : Alphonso Lopez

The Department of Environmental Protection has selected Alphonso Lopez to fill the position of Director of Engineering M-VI at \$117,000, to serve as Deputy Commissioner, for the Bureau of Wastewater Treatment.

Mr. Lopez has been employed by the Department of Environmental Protection since April, 1973, serving in positions that have continually increased in scope and responsibility. As Deputy Commissioner, he will direct the operation and maintenance of 14 water pollution control plants, 90 pumping stations and auxiliary facilities including vehicles and vessels to reuse biosolids; direct and track budget and expenditures; develop alternatives and solutions for the provision of wastewater treatment service to customers; represent the Agency at various meetings; establish policies and procedures; and direct the preparation of statistical and narrative reports.

Mr. Lopez has demonstrated that he has the requisite technical, supervisory and managerial skills necessary to be effective in the position and the Department strongly endorses this promotion.

c: File



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(718) DEP-HELP



**Department of
Environmental
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59-17 Junction Boulevard
Corona, New York
11368-5107

**Joel A. Miele Sr., P.E.
Commissioner**

MEMORANDUM

February 1, 2001

TO : Anthony Carbonetti *[Signature]*
FROM : Louis Tazzi *[Signature]*
SUBJ : Michael Principe

The Department of Environmental Protection has selected Michael Principe to fill the position of Administrative Director of Laboratories M-VI at \$117,000, to serve as Deputy Commissioner, for the Bureau of Water Supply.

Mr. Principe has been employed by the Department of Environmental Protection since October, 1981, serving in positions that have continually increased in scope and responsibility. As Deputy Commissioner, he will oversee the Bureau in the collection, storage, protection and delivery of all potable water supplied to New York City and 20 upstate communities; coordinate water quality and watershed protection programs with local, State and Federal officials; enforce New York State watershed and all other applicable Federal, State and City rules and regulations; serve as liaison with upstate businesses and residents located on the watershed; supervise 4 Division Chiefs and the Directors of Special Services and Legal Claims; and oversee the Bureau's upstate land acquisition activities as well as all water quality laboratories.

Mr. Principe has demonstrated that he has the requisite technical, supervisory and managerial skills necessary to be effective in the position and the Department strongly endorses this promotion.

c: File



www.ci.nyc.ny.us/dep

(718) DEP-HELP



**Department of
Environmental
Protection**

59-17 Junction Boulevard
Corona, New York
11368-5107

**Joel A. Miele Sr., P.E.
Commissioner**

Tel (718)595-6565
Fax (718)595-3525
jmiele@nysnet.net

To: Anthony V. Carbonetti
Chief of Staff

From: Joel A. Miele Sr., P.E.
Commissioner

Date: April 5, 2001

Re: Michael A. Principe

I am forwarding, for your review, my candidate for the position of Deputy Commissioner for Water Supply. I have enclosed Mr. Principe's resume and a brief description of the duties and responsibilities of the position follows:

Deputy Commissioner for Water Supply

Under executive direction, with the widest latitude for independent judgment serves as the head of a major bureau, overseeing operation, maintenance, collection, storage, protection and delivery of all potable water supplied to New York City and twenty (20) upstate communities. In addition, the deputy is responsible for the management and protection of the entire upstate watershed and the coordination of all water quality and watershed protection programs with local, state and federal officials. The deputy is responsible for the enforcement of all laws, rules and regulations applicable in the watershed and to act as liaison with upstate businesses and residents located in the watershed. The deputy presides over a bureau with 929 employees and an expense budget of over \$150 million.



www.ci.nyc.ny.us/dep

(718) DEP-HELP

MICHAEL A. PRINCIPE

Office: NYCDEP: Bureau of Water Supply 59-17 Junction Blvd. Corona, N.Y. 11368 • (718) 595-5341 •

Home Address: _____

PII

EDUCATION

Ph.D. BIOLOGY/ECOLOGY, CUNY GRADUATE SCHOOL & UNIVERSITY CENTER, N.Y., N.Y. 1991. DISSERTATION TITLE: *TEMPORAL VARIATION AND SPATIAL HETEROGENEITY OF PHYTOPLANKTON ABUNDANCE WITHIN A WATER SUPPLY IMPOUNDMENT.*

M.S. ENVIRONMENTAL SCIENCE/WATER RESOURCES, SUNY COLLEGE OF ENVIRONMENTAL SCIENCE & FORESTRY, SYRACUSE, N.Y. 1981. THESIS TITLE: *A PRELIMINARY LIMNOLOGICAL INVESTIGATION OF THE PHYSICAL AND CHEMICAL CHARACTERISTICS OF A MEROMICTIC POND.*

B.S. NATURAL RESOURCES, 1973. CORNELL UNIVERSITY, ITHACA, N.Y.

EXPERIENCE

DECEMBER 1993 TO PRESENT: DEPUTY DIRECTOR OF THE BUREAU OF WATER SUPPLY FOR DRINKING WATER QUALITY, NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION (NYC-DEP), 59-17 JUNCTION BLVD., CORONA, N.Y. 11368. RESPONSIBLE FOR THE MANAGEMENT, ADMINISTRATION, AND TECHNICAL DIRECTION OF A STAFF OF 280, MOSTLY HIGHLY TRAINED PROFESSIONAL AND TECHNICAL PERSONNEL; PROVIDING SCIENTIFIC ADVISORY TO THE DEPARTMENT ON WATER QUALITY ISSUES; ASSURANCE OF WATER QUALITY REGULATORY COMPLIANCE; DESIGN AND MAINTENANCE OF LABORATORY CERTIFICATION AND QUALITY ASSURANCE PROGRAMS FOR SIX DRINKING WATER QUALITY LABORATORIES; PERFORMING SCIENTIFIC RESEARCH ON WATER QUALITY MONITORING AND TREATMENT METHODS; SERVING AS A LIAISON WITH USEPA, NEW YORK STATE DEPARTMENTS OF HEALTH AND ENVIRONMENTAL CONSERVATION CONCERNING WATER QUALITY; AND PERFORMING ALL OTHER DUTIES NECESSARY TO ASSURE THE PURITY, SAFETY AND HIGH QUALITY OF NYC'S DRINKING WATER. OVERALL ADMINISTRATION OF AN ANNUAL OPERATING BUDGET OF \$6.0 MILLION DOLLARS.

1989 TO DECEMBER 1993: CHIEF OF THE DRINKING WATER QUALITY CONTROL DIVISION, NYC-DEP, BUREAU OF WATER SUPPLY, 59-17 JUNCTION BLVD., CORONA, N.Y. 11368. RESPONSIBLE FOR THE MANAGEMENT, ADMINISTRATION, AND TECHNICAL DIRECTION OF A STAFF OF 230, MOSTLY HIGHLY TRAINED PROFESSIONAL AND TECHNICAL PERSONNEL; AND PERFORMING ALL OTHER DUTIES NECESSARY TO ASSURE THE PURITY, SAFETY AND HIGH QUALITY OF NYC'S DRINKING WATER. OVERALL ADMINISTRATION OF AN ANNUAL OPERATING BUDGET OF \$1.5 MILLION DOLLARS.

1986 TO 1989: DEPUTY CHIEF OF THE DRINKING WATER QUALITY CONTROL DIVISION, NYC-DEP, BUREAU OF SCIENCE & TECHNOLOGY, KENSICO LABORATORY, VALHALLA, N.Y. 10595. RESPONSIBLE FOR DESIGNING AND IMPLEMENTING A LIMNOLOGICAL MONITORING PROGRAM FOR NEW YORK CITY'S 19 WATER SUPPLY RESERVOIRS; PREPARED AND COORDINATED A LIMNOLOGY EQUIPMENT CAPITAL PURCHASE OF \$700K.

1981 TO 1983: STAFF LIMNOLOGIST, DRINKING WATER QUALITY CONTROL DIVISION, NYC-DEP, BUREAU OF SCIENCE & TECHNOLOGY, 51 ASTOR PLACE, N.Y., N.Y. 10003. ASSISTED THE DIVISION DIRECTOR CONCERNING ALL MATTERS RELEVANT TO NYC'S WATER SUPPLY WATERSHEDS. DESIGNED FIRST PHASE OF THE CITY'S LIMNOLOGY PROGRAM. DEVELOPED AND INCORPORATED LIMNOLOGICAL FIELD ANALYSIS METHODS INTO ROUTINE WATER QUALITY MONITORING PROCEDURES.

1980 TO 1981: CONSULTANT/AUTHOR, CENTRAL N.Y. WATER QUALITY MANAGEMENT PROGRAM, CENTRAL N.Y. REGIONAL PLANNING & DEVELOPMENT BOARD, SYRACUSE, N.Y.; PRINCIPAL RESEARCHER, AUTHOR, AND PHOTOGRAPHER OF THE AGENCY'S *LAKE MANAGEMENT HANDBOOK: A GUIDE TO THE PROBLEMS THAT CAUSE LAKE DEGRADATION AND TO THE SOLUTIONS THAT WILL LEAD TO IMPROVED WATER QUALITY.*

PUBLICATIONS

Principe, M.A., R. Bellandi. 1981. *Lake Management Handbook: A guide to the problems that cause lake degradation and to the solutions that will lead to improved water quality.* Central N.Y. Regional Planning Board, Syracuse, N.Y.

Principe, M.A. 1982. Preliminary limnological investigation of the New Croton Reservoir. LPR-1, New York City Dept. of Env. Protection, Bureau of Science & Technology, Valhalla, N.Y.

Principe, M.A., 1983. A water quality study and trophic assessment of the ponds within Central Park, N.Y. LPR-2, New York City Dept. of Env Protection, Bureau of Science & Technology, Valhalla, N.Y.

Principe, M.A., 1989. New York City water supply watershed water quality, an overview, Proceedings from the New York Academy of Medicine symposium on NYC's drinking water. New York, N.Y.

Principe, M.A., W.W. Faber, S. Freud, and X. Wang. 1995. *Escherichia coli* occurrences in the New York City distribution system, Proceedings from the American Water Works Annual Conference. New York, N.Y.

Principe, M.A., S. Freud, L.Lu. 1995. Designing a sampling strategy for the detection of coliform bacteria within a large distribution system. Proceedings from the American Water Works Assoc. Water Technology Conference. New Orleans, LA.

Principe, M.A. 1996. The evolving role of NYC's watershed protection program. Clearwaters, New York Water Environment Assoc., Inc. vol.2, Syracuse, N.Y.

Principe, M.A. 1996. New York City's Watershed Protection Program. Proceedings from Watershed '96, June 1996, Baltimore, Maryland. Pp.525-527.

Ashendorff, A., M.A. Principe, A. Seeley, J. LaDuca, L. Beckhardt, W. Faber Jr., J. Mantus, 1997. Watershed protection for New York City's water supply. Journal Amer. Water Works 89(3):75-88.

Lu, L., M. Fang, X. Wang, N. Patni, A. Ashendorff, M. Principe. 1998. In-situ water main biological study in New York City. Proceedings from Amer. Water works Annual Conference.

Principe, M. A., L. Janus. D. Warne. 2000. Assessing the effectiveness of NYC's watershed protection program. Proceedings from Amer. Soc. Civil Engineer's Conference; Watershed 2000. Fort Collins, CO.

CERTIFICATIONS

- NYS-DOH GRADE IIB WATER TREATMENT PLANT OPERATOR
- NYS-DOH ENVIRONMENTAL LABORATORY APPROVAL PROGRAM LAB. DIRECTOR
- NYS-DEC AQUATIC PESTICIDE APPLICATOR-CATEGORY 5A

PROFESSIONAL AFFILIATIONS

- AMERICAN SOCIETY OF LIMNOLOGY & OCEANOGRAPHY
- AMERICAN WATER WORKS ASSOCIATION
- AMERICAN WATER RESOURCES ASSOCIATION
- NORTH AMERICAN LAKE MANAGEMENT SOCIETY
- WATER ENVIRONMENT FEDERATION