

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
THURSDAY, FEBRUARY 19, 2009 – 7:00PM**

The Croton Facility Monitoring Committee met on Thursday, February 19, 2009 at the DEP Community Office, 3660 Jerome Avenue, Bronx, NY 10467. Attendees included CFMC representatives, elected officials, staff from DEP, its construction manager, design engineer, and members of the public. They are listed on *Attachment 1*. A few individuals provided limited contact information or did not sign in.

Welcome

Greg Faulkner, Chair of Community Board #7 and of the CFMC, opened the meeting at 7:10 PM; an agenda, *Attachment 2*, was available.

Adoption of January CFMC meeting minutes

Upon a motion by Saul Scheinbach, Community Board #8, seconded by Laura Stockstill, Bronx Borough President's office, the minutes of the January CFMC meeting were unanimously adopted.

Jobs Report

Mr. Faulkner called for updates on jobs and hiring from DEP and Parks.

Nicole Torres, DEP, summarized progress on jobs and purchases since the January CFMC meeting. See *Attachment #3*. Father Richard Gorman, Community Board #12, questioned the slight drop in Bronx-based jobs. There was a brief discussion about contributing factors, which included fluctuating needs for skilled trades during various work activities at the site and winter weather conditions that affected productivity to some extent. Ms. Stockstill asked if DEP would begin again to provide a breakdown of where job applicants are being referred for jobs or for training.

Faisal Choudhury, Bronx Parks and Recreation Department, presented a status report on jobs and highlights of the 75 projects that are part of the Croton funding. See *Attachment #4*. Questions about Clark Playground and Harris Ballfields and about Mullaly Playground, were asked by the CFMC and by members of the public – including Michael Gary, Amalgamated Houses, and Richard Barr, Bronx HS of Science Parents Association -- and were answered by Parks Bronx Borough Commissioner Hector Aponte and by Mr. Choudhury, including an explanation about the Parks Dept's use of natural turf, and a new fiber-type turf. For the next Parks Dept presentation, Mr. Faulkner requested a breakdown of the total number of workers and the total number of workers residing in the Bronx who are employed on the various Croton-funded projects. Anne Marie Garti, Jerome Park Conservancy, asked whether Parks construction prices are escalating as they have been on the Croton Filter Plant. Mr. Aponte said there has been brisk competition for the parks projects, although the architectural prices have been somewhat higher than Dept. estimates.

Gary Axelbank, BronxNet, distributed a statement about various Croton complaints, including costs, the need for a supplemental EIS for upcoming work at the Jerome Park Reservoir (JPR), insufficient local jobs, and other matters. Father Gorman requested a CFMC discussion about Mr. Axelbank's statement later in the meeting. (*Attachment 6*)

Emergency Response Procedures

Michael Farnan, Chief of Operations for DEP's Bureau of Water and Sewer Operations, and Deputy Chief Kevin Scanlon of the Fire Department, spoke about emergency procedures at the JPR. Mr. Farnan explained the DEP has an extensive, stringent Risk Management Program (RMP) and Process Safety Management (PSM) in place, both of which are federally mandated programs. These programs require that strict maintenance of chlorine equipment and documentation be in place to ensure that there are no hazardous releases. Mr. Farnan said that there are many protocols for emergencies, including protocols for any leakage of chlorine when it is on site at JPR. At present Croton is off-line and no chlorine is stored at JPR. There is no chlorine at JPR unless the Croton water system is in operation. Mr. Farnan explained that there is a minimum of one supervisor and two operators on duty at all times and the DEP Police are posted there around the clock when JPR is on line. These employees are trained in proper handling of chlorine and in proper procedures for incidents. In the event of a chlorine leak, there are set protocols for the evacuation and for notifications to emergency responders. All employees and contractors on site must evacuate to designated assembly areas where they await response from FDNY, the agency that serves as first responder.

Mr. Farnan also talked about the alarm systems at Gate Houses 5 and 7. If an uncontrolled leak of chlorine occurs, an evacuation of JPR is immediately commenced. As soon as the FDNY arrives, the FDNY and the DEP employee-in-charge exchange information. Thereafter, FDNY determines proper response, sometimes in concert with FDNY's hazmat unit and/or the Office of Emergency Management. Deputy Chief Kevin Scanlon of FDNY Division 7 said that FDNY takes command if a problem arises that necessitates evacuation of property around JPR or to shelter in place. A primary and secondary search is conducted and a command center is established 200' to 500' from the site. Meters are used to measure air direction and quality. If there is a substantial chlorine leak, a water curtain may be established at the scene.

All decisions are made thoroughly and professionally, with community evacuation not being the proper response in most cases. Wind conditions, nature of the event, and many other factors are considered before the FDNY takes an action that affects the community. Chief Scanlon said that if there were to be a release the community should shelter in place unless and until instructed otherwise by FDNY officials. This is the correct procedure for any incident, not solely for a chlorine leak. Mark Lanaghan, DEP, asked when FDNY would evacuate local schools. Chief Scanlon repeated that such a decision would have to take into effect wind direction and monitoring data, among other factors. If evacuation were advised, FDNY, NYPD and OEM would agree on where and how the evacuation should proceed. Mr. Farnan added that, to his knowledge, there has never been a chlorine problem detectable outside JPR in the decades during which city water

has been disinfected. Moreover, once the Croton Filter Plant is on line, there will be no chlorine used at JPR.

City Council Member Oliver Koppell asked how often Croton has been on line with chlorine added at JPR. Mr. Farnan replied that over the last 10 years, Croton has been on line several times, one of the more significant periods was the 2002 drought when Croton was on line for a period of over a year. Mr. Scheinbach asked how frequently DEP has emergency drills at JPR. Mr. Farnan said they are conducting emergency evacuation drills at least annually. Deputy Chief Scanlon added that there will be a full scale drill with the FDNY during a weekend in the spring and the CFMC and members of the schools might be interested in watching. Mr. Scheinbach said that DEP should establish an incident notification procedure for local schools and work with their principals. Mr. Barr said Bronx HS of Science wants to coordinate with DEP on emergency procedures. Martha Holstein, construction management office, said that DEP is in the process of meeting with local schools such as Bronx HS of Science and Lehman College and has coordinated with the schools in the past. Derek Wheeler, Lehman College, recommended an early alarm warning system, with monitors at or near the schools. Mr. Scheinbach suggested perimeter alarms at JPR along Goulden Avenue. Mr. Faulkner said there should be a protocol for a worst case incident at JPR. Chief Scanlon said the FDNY will also follow up with the local schools. Ms. Garti said that USEPA requires an area wide emergency evacuation plan that the CFMC should obtain. Mr. Lanaghan said that this information is not subject to FOIL and will not be publicized. Mr. Gary asked for a CFMC motion to require teeth in the emergency response process.

Mr. Aponte said that his recollection is that the response to the November chlorine incident was immediate. Chief Scanlon said FDNY responded to the 311 call within a few minutes of being called and upon arriving, ordered its hazmat unit to the scene. Father Gorman said that OEM should come to the CFMC again to discuss what is in place and what can be done to improve current procedures. He opposes agencies working individually and believes emergency response should be well coordinated. He said that the CFMC should decide what it wants to recommend on this issue. Mr. Faulkner said that CFMC should have a closed session to discuss the matter. Mr. Koppell described his recent visit to OEM headquarters where, he said, very sophisticated equipment is maintained and orderly coordination takes place.

Mr. Faulkner called for a motion to install chlorine monitors at the JPR perimeter. It was made by Mr. Scheinbach and seconded by Father Gorman. Mr. Aponte said the CFMC should know more about the situation before adopting a motion. Mr. Lanaghan said that if a motion were passed, DEP would respond in writing because the need for equipment and managing it would have to be established. Ms. Stockstill said DEP should report back to the CFMC after meeting with the schools. She added that using monitors in open air is different than in closed rooms and there are many technical and maintenance issues that monitors require. Mr. Lanaghan described DEP's experience with hydrogen sulfide monitors at North River water pollution control plant. Mr. Koppell requested the motion be revised to ask FDNY and DEP to prepare a report within two months about the feasibility and desirability of installing perimeter monitors. Mr. Faulkner said the CFMC

wants something done. Mr. Lanaghan said DEP wouldn't promise to install area monitors. Mr. Aponte said monitors might not even detect chlorine if it stays on the ground and disappears into sewers.

Possible Outsourcing of Croton Filter Plant Operations

Mr. Lanaghan said that in January 2009 DEP published a request for qualifications seeking preliminary information from private sector companies that might be interested in operating the Croton Filter Plant. (*Attachment 5*) If DEP decides to proceed beyond the RFQ stage, DEP may create a qualified list from which to solicit proposals. Should DEP decided to issue a Request for Proposals (RFP) to a limited number of qualified firms, an RFP would be issued within the next year. Mr. Scheinbach asked how long the Croton Filter Plant will operate. Mr. Lanaghan said for as long as the Croton water system will be in use. Mr. Scheinbach said he doesn't want outsiders operating the plant; all staff should be in-house workers. Mr. Koppell asked if a decision has already been made by DEP to outsource. Mr. Lanaghan said the decision point is approaching because approximately 100 persons need to be trained and in place in advance of Croton Filter Plant construction completion. Mr. Koppell asked about partial outsourcing. Mr. Koppell said his general preference is for the plant to be operated by DEP but partial privatization should be explored. [Note, at a March 5, 2009 City Council Committee Hearing, Acting Commissioner Steve Lawitts stated that DEP is exploring this option.]

Father Gorman said that over the past six months to a year DEP had begun discussing the savings and efficiencies of outsourcing. These are matters that should be further considered and shared with the CFMC. Father Gorman asked that the CFMC have input into the RFP. He expressed an interest in the areas of profit/not for profit; accountability to management; civil service requirements; off budget costs; sensitivity; security; bid rigging and other issues. He and Mr. Scheinbach requested the opportunity to both have input into the RFP and to sit in on interviews with private proposers. Mr. Faulkner added that the CFMC often gets information late in the process after issues have been decided. Mr. Aponte said the city's Procurement Policy Board requirements are very explicit about procurement. Father Gorman said the CFMC's involvement would not be harmful.

Mr. Lanaghan said he is concerned about having the CFMC participate in a pre-proposers meeting. Mr. Koppell said he wants the CFMC to attend an open meeting, not the formal process. Mr. Lanaghan agreed to look into having a pre-proposers meeting with community representation. He said that if DEP decides to move forward to solicit proposals, a consultant would be asked to draft the RFP and the CFMC could have input into the drafting process. Mr. Aponte said the most important milestones considerations are when the Croton Filter Plant will commence operations and how far in advance operational decisions must be made. Ms. Garti said that engineering professionals equate water treatment operations with wastewater treatment operations. She said that Metcalf & Eddy (now part of AECOM) has recommended that DEP privatize the plant because they are in the operations business. Additionally, she said, Metcalf & Eddy designed the Croton Filter Plant. Mr. Axelbank inquired whether the privatization idea came from within or outside DEP. Mr. Wheeler asked if security services will be in the RFP and whether there are minimum standards for sustainability in the plant design. Arne Fareth,

DEP, responded that security would not be part of any operations RFP. A motion was made, seconded and was adopted that, in consideration of privatization, the CFMC wants to be informed about and attend meetings in preparation of the RFP.

Construction Update

Mr. Daly gave a project update regarding construction at VCP and JPR.

The Contract CRO 312 contractors are continuing to work at the VCP site. Unfavorable winter weather has impeded to an extent the contractor's maintaining an aggressive schedule. Work being performed includes placement of concrete, installation of large diameter pipes, pipe sleeves, electrical conduit, and electrical service ducts.

On Contract CRO 313, excavation of the Raw Water Tunnel is complete and concrete lining of the tunnel is ongoing. The New Croton Aqueduct (NCA) is out of service and, as previously mentioned, there is no chlorine gas currently being stored at JPR. Construction of one of the Low Service Treated Water Tunnels to the NCA is in progress beneath JPR. All underground mining for the Treatment Plant is completed and the tunnel boring machine has been removed from the site.

Contract CRO 313 Shaft and Meter Chamber surface construction work has not substantially progressed due to the soils and the large boulders that were encountered. The soil has been classified as Non-Hazardous Regulated Waste which must be disposed of at an approved facility. No major soil removal work has begun, pending the obtaining of approvals of a proposed disposal site and trucking company. Hoe ramming may begin in late February or March to excavate the surface shaft and a portion of the meter chamber. The excavation work on Phase 2 construction at the Shaft and Meter Chamber is approximately four to five months away. The contractor will mobilize on site and erect a 20 foot noise wall before commence excavation.

The Contract JRP CRO 315 work continues. The 315G contractor has submitted to the Dept of Buildings a permit application to demolish the Demonstration Plant. However, additional asbestos was discovered at the below-grade walls of the Demonstration Plant, and it must be removed prior to demolition. This unforeseen problem has significantly delayed the schedule to complete the demolition.

Mr. Barr asked DEP to air condition the gym at Bronx HS of Science. He said it will cost only \$1 million in a project that is much more expensive and the students need gym air conditioning because of the JPR construction.

CFMC Discussion

Father Gorman asked the status of the Comptroller's audit of Croton costs. Mr. Daly said material is still being sent by DEP to the Comptroller. Father Gorman said the CFMC should follow up by letter to the Comptroller, asking for the status.

Father Gorman said the CFMC should be more proactive, including regarding why the project must continuously pump groundwater into the sewer system. He advocated that

the CFMC prepare a proactive status report about its activities for the community and said it should go onto the web. Mr. Faulkner said the next meeting of the CFMC could be in executive session with a public meeting scheduled for April. Mr. Faulkner also said that the CFMC meetings might be more valuable if executive sessions were held ahead of public sessions. Mr. Barr asked when the minor mod will be available and if blasting is being proposed. Father Gorman said there should be no blasting.

The meeting was adjourned at 9:40 PM.

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Nicole Torres	DEP - Legislative Affairs	59-17 Junction Boulevard Corona NY 11368	(718) 595 7864		nicoletorres@dep.nyc.gov
James Martinez	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000		jmartinez@pirnie.com
Nick Judd	Riverdale Press	6155 Broadway Bronx NY	(718) 543 6065		njudd@riverdalepress.com
Michael S. Farnan	DEP - BWSO	96-05 Horace Harding Exp. Flushing NY	(718) 595-5751		mfarnan@dep.nyc.gov
Ed Neisch	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 646-2000	(718) 324-3034	eneisch@pirnie.com
Rene M. Rotolo	Asst VP, Lehman College	250 Bedford Park Blvd W. Bronx NY	(718) 960-8226	(718) 960-4986	rene.rotolo@lehman.cuny.edu
Hector Aponte	Bronx Parks Commissioner	1 Bronx River Parkway Bronx NY	(718) 430-1801	(718) 231-8857	hector.aponte@parks.nyc.gov
Faisal Choudhury	Croton Projects Parks & Recreation Dept.	1 Bronx River Parkway Bronx NY	(718) 768-6816		faisal.choudhury@parks.nyc.gov
Kevin Scanlon	Deputy Chief, FDNY	2417 Webster Avenue Bronx NY	(718) 430-0207	(718) 231-8857	scanlok@fdny.nyc.gov
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005 x. 223	(718) 625-1032	mholstein@urbansol.com
Bernard Daly	DEP BEDC Project Manager	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324-3034	bdaly@dep.nyc.gov
Dom Laperita	Lehman College	250 Bedford Park Blvd W. Bronx NY	(718) 960-8593		
Robert Barnes	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	robertbar@dep.nyc.gov
Laura Stockstill	Office of Bronx Borough President Carrion	198 East 161st Street Bronx, NY 10451	(718) 590-3881	(718) 590-2698	lstockstill@bronxbp.nyc.gov
Gary Axelbank	Not Provided				
Anne Marie Garti	Jerome Park Conservancy	3967 Sedgwick Avenue Bronx NY	(718) 601-1322; (718) 884-7864		annemarie@att.net
Derek Wheeler	Vice President Lehman College- CUNY	250 Bedford Park Blvd W. Bronx NY	(718) 960-8539		derek.wheeler@lehman.cuny.edu
Father Richard Gorman	Chairman, Community Board #12	4101 White Plains Road Bronx NY 10466	(646) 284 4973		rgorman@cb.nyc.gov

NYC DEP - CROTON FCMC

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<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Saul Scheinbach	Community Board #8	5908 Huxley Avenue Bronx NY 10471	(718) 884-4740		judisaul@aol.com
Greg Faulkner	Chairman, Community Board #7	2559 Sedgwick Avenue Bronx NY 10468	(718) 482-5193	(718) 609-2096	gfaulkner@lagcc.cuny.edu ; gfaulkner@cb.nyc.gov
Mark Lanaghan	Asst Comm, Intergov.Affairs DEP	59-17 Junction Blvd. Corona NY 11368	(718) 595-	(718) 595-3477	mlanaghan@dep.nyc.gov
Hector Acevedo	Thacher Associates	3701 Jerome Avenue Bronx NY 10467	(718) 699-2038		
Hon. G.Oliver Koppell	Council Member	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		koppell@council.nyc.ny.us
Tony Cassino	Community Board #8		(718) 861 8517		
Arne Fareth	DEP BEDC	96-05 Horace Harding Exp. Flushing NY	(718) 595-6189		arnef@dep.nyc.gov
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Helene Hartman-Kutnowsky	Community Board #7				Helene.Hartman-Kutnowsky@otda.state.ny.us
Ilona Linins	Lehman College	250 Bedford Pk Blvd W Bronx NY	(718) 960 8988		ilona.linins@lehman.cuny.edu
Michael Gary	Amalgamated Housing Corp; Sen. Espada Comm	80 Van Cortlandt Pk S Bronx NY 10463	(718) 549-4811		grampafleink@gmail.com
Richard Barr	Bx HS of Science Parents' Assn	203 W 86th Street New York NY 10024	212) 877-2694		richardedbarr@aol.com
Bob Jarnis	AECOM(M&E H&S)	605 Third Avenue New York NY 10158	(212) 984-7334		robert.jarnis@aecom.com
Christopher Rivera	Croton Community Office, DEP	3660 Jerome Avenue Bronx NY 10467	(718)231-8470	(718) 231-8857	crivera@dep.nyc.gov

Agenda
Croton Facility Monitoring Committee Meeting
Thursday, February 19, 2009 – 7:00 PM
DEP Community Office, 3660 Jerome Avenue, Bronx NY 10467
(718) 231-8470

- | | | |
|---|---------------------|---|
| I. Welcome | | Greg Faulkner |
| II. Consider & Adopt Minutes of January 2009 Meeting | <i>(5 minutes)</i> | CFMC Principals |
| III. DEP Report on Jobs, Local & Minority Hiring | <i>(10 minutes)</i> | Nicole Torres, DEP |
| IV. Parks Report on Jobs & Hiring | <i>(10 minutes)</i> | Faisal Choudhury, Dept of Parks & Recreation |
| V. Emergency Response Procedures | <i>(15 minutes)</i> | Mike Farman, DEP & Deputy Chief Scanlon, FDNY |
| VI. Croton Plant Operations Outsourcing | <i>(10 minutes)</i> | Mark Lanaghan, DEP |
| VII. Update on Construction | <i>(10 minutes)</i> | Bernard Daly, DEP |
| VIII. Discussion & Set Next Meeting | <i>(5 minutes)</i> | |
| IX. Adjourn | | |

**Croton Filtration Plant
Update on Bronx-based Hiring and Purchasing
Presented to the Croton Facility Monitoring Committee
February 19, 2009**

Last FMC Meeting held in January (December 2008 Report)

- Bronx Labor – 116 employees or 23% on site
- Bronx Purchasing – \$77.96 million or 42% of Bronx & Non-Bronx contracts
- Croton Community Outreach Office Applicants – 1,470 (565 union, 905 non-union)

February FMC Meeting 2009 (January 2009 Report)

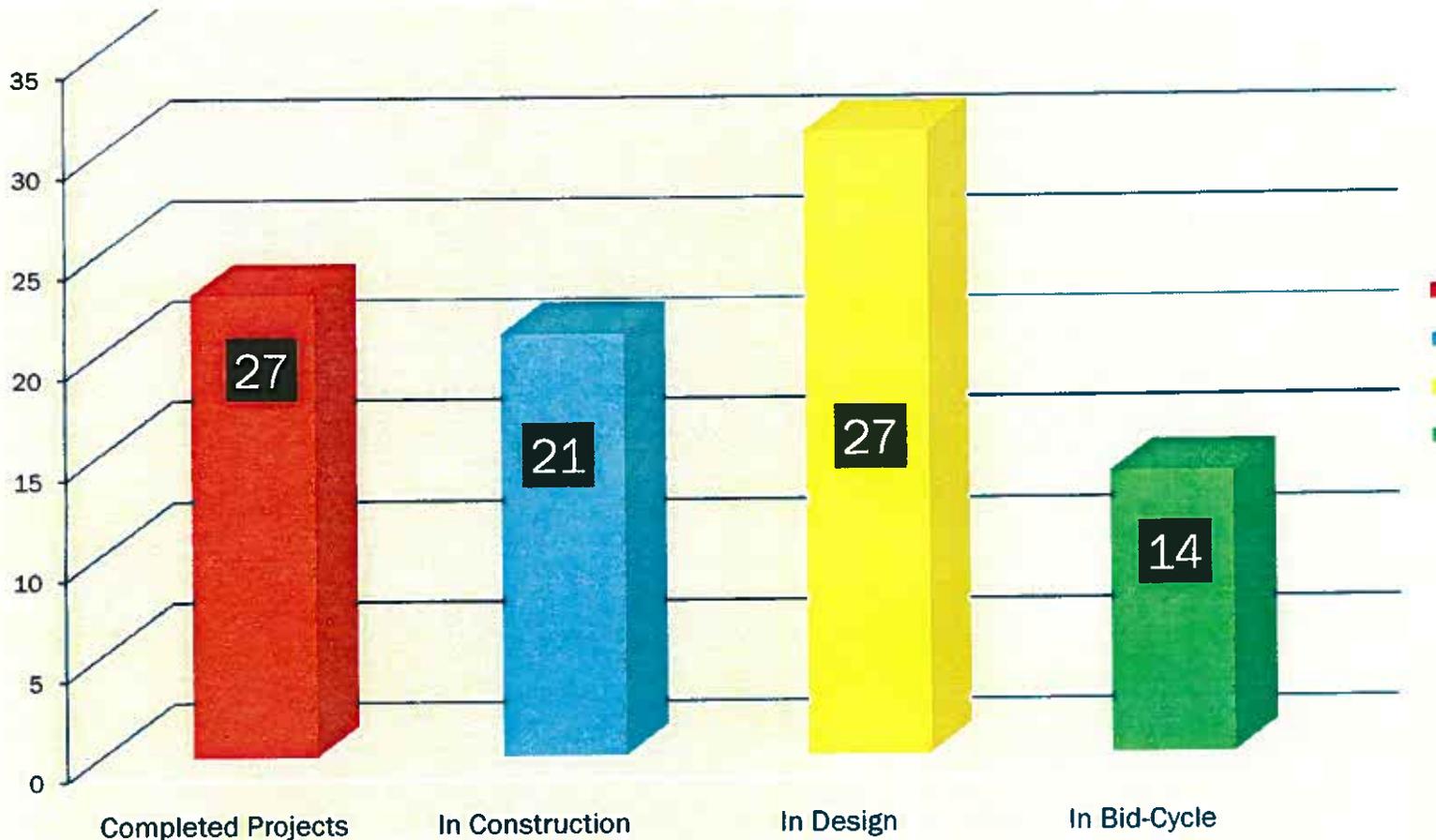
- Bronx Labor – 119 employees or 22% on site
- Bronx Purchasing – \$77.98 million or 41% of Bronx & Non-Bronx contracts
- Croton Community Outreach Office Applicants – 1,502 (590 union, 912 non-union)

The Croton Program



THE CROTON PROGRAM CROTON PROJECTS OVERVIEW:

Within the Croton Projects, we have completed twenty-three (27) construction projects totaling **\$52,033,110** and twenty-one (21) more projects totaling **\$66,973,907** currently in construction. There are twenty-seven (27) projects currently in design totaling **\$82,073.731**, fourteen (14) of which are in the bid-cycle totaling **\$32,877.402**.



CROTON PROJECTS
"BEFORE & AFTER"

DEVOE PARK

Total Budget \$2,714,790

Accepted 4/3/08



Before

MULLALY PARK NORTH

Total Budget \$1,357,395

Accepted 5/23/08



MANIDA BALLFIELD

Total Budget \$1,600,000

Accepted 5/23/08



AQUEDUCT LANDS PLGD.

Total Budget \$1,809,860

F.I. 6/26/08



Before



Williamsbridge Oval Track and Field

Total Budget \$3,000,000

Current Conditions



DREW PARK

Total Budget \$1,447,888

F.I. 6/27/08



MT. HOPE PLAYGROUND

Total Budget \$1,809,860

F.I. 6/27/08



Before

STORY PLAYGROUND

Total Budget \$5,795,989

F.I. 6/28/08



CLARK PLAYGROUND

Total Budget \$1,357,395

F.I. 6/30/08



BRONX SKATE PARK EAST (BALLFIELD BUNDLE)

Total Budget \$1,357,395

Accepted 5/23/08



SOUNDVIEW BALLFIELD (BALLFIELD BUNDLE)

Total Budget \$3,619,720

U.I. 8/01/08



TROJAN BALLFIELD (BALLFIELD BUNDLE)

Total Budget \$2,714,790

U.I. 8/08/08



ST. JAMES (PHASE 4)

Total Budget \$3,000,000

Accepted 10/07/08



Before

CROTON PROJECTS “IN-CONSTRUCTION”

St. James Phase 3

Total Budget \$1,949,000

Current Conditions



St. James Reconstruction of the retaining wall at 193rd St.

Crotona Park Indian Lake

Total Budget \$4,434,157

Current Conditions



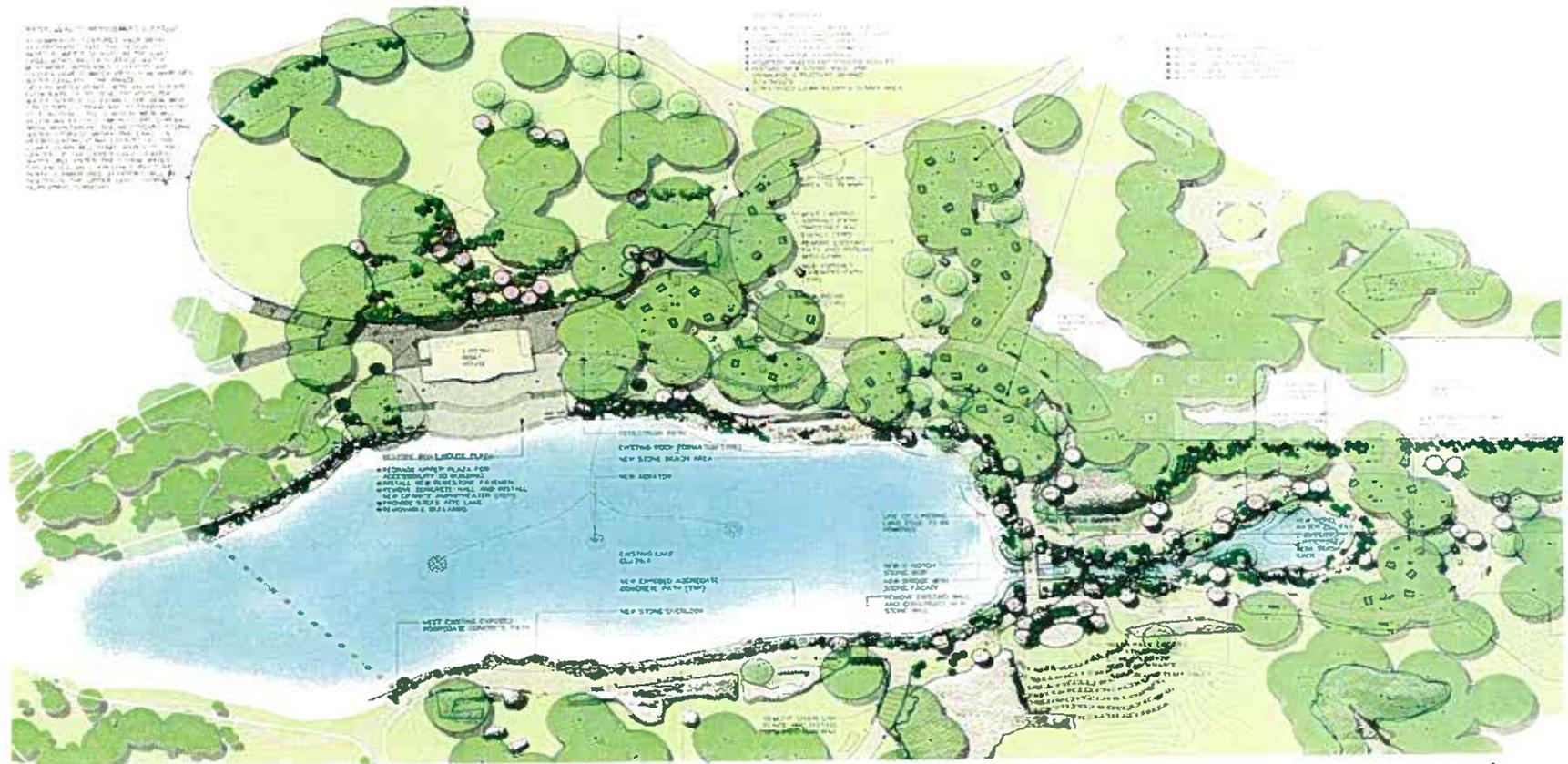
Indian Lake concrete base for the steps in front of the bathhouse



Crotona Park Amphitheater

Crotona Park Indian Amphitheater

Total Budget \$2,262,325



City of New York
Parks & Recreation

Crotona Park Amphitheater

Borough of The Bronx
10 November 2017

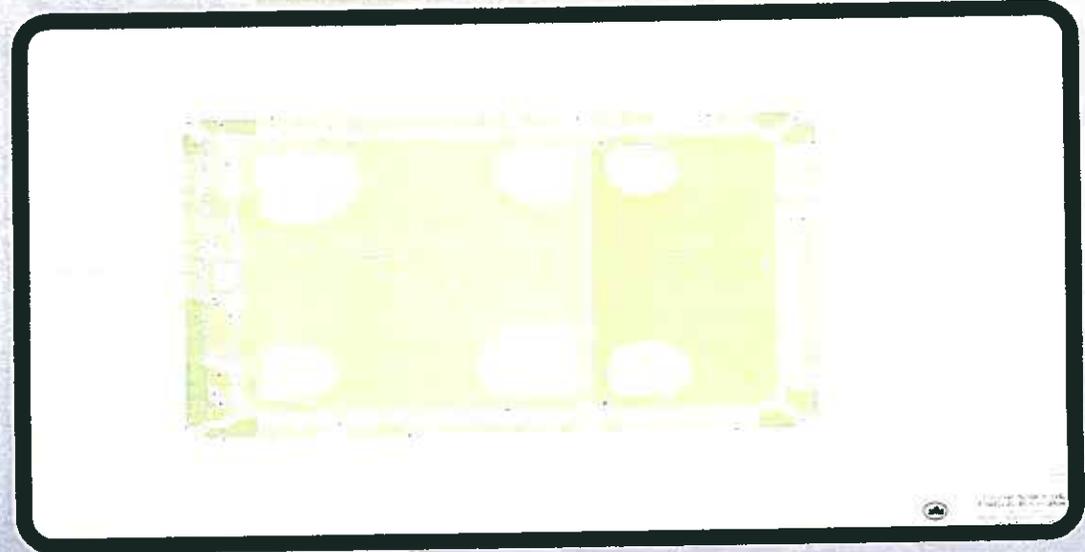
Overall Contextual Plan



Harris Park Ballfields

Total Budget \$8,922,610

Current Conditions



Mullaly Park South

Total Budget \$4,929,580

Current Conditions





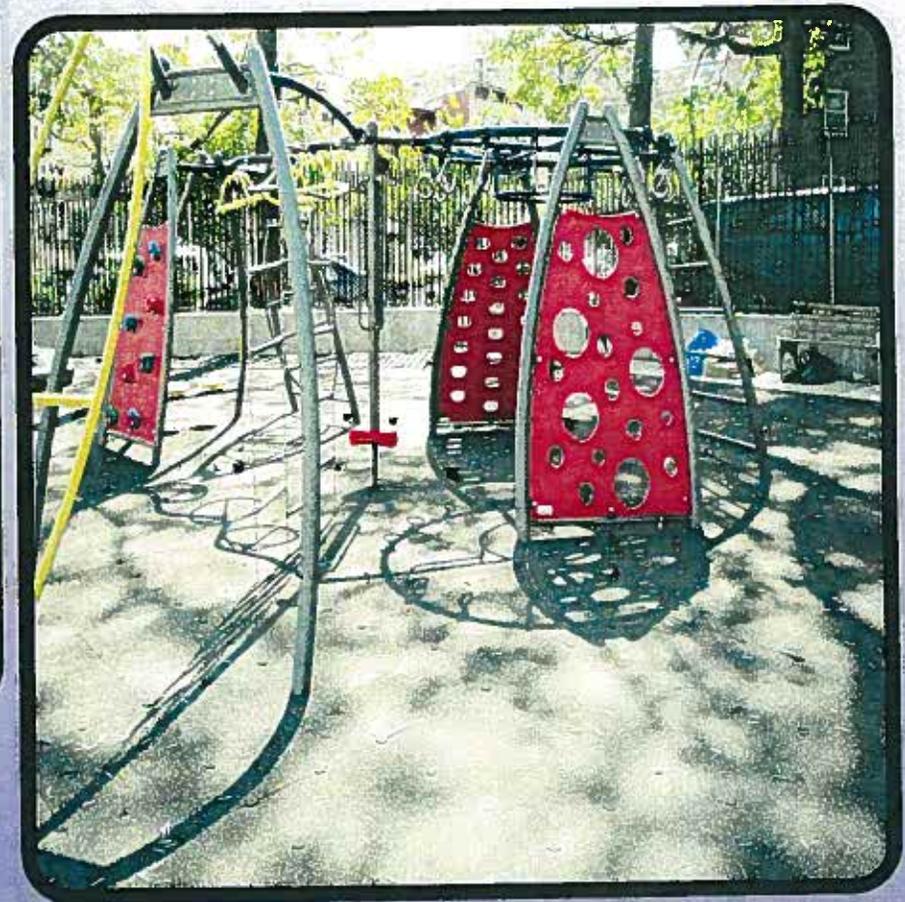
Melrose Playground

Total Budget \$1,357,395



Melrose Playground installation of play equipment (unit B)

Current Conditions

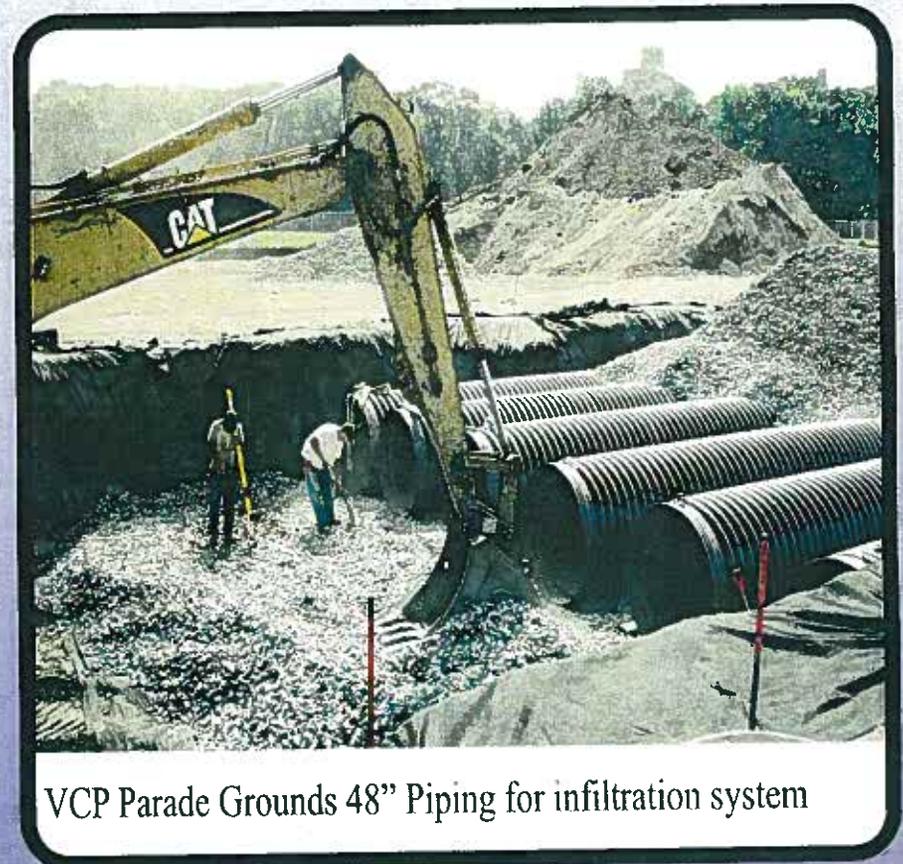


VCP Parade Grounds

Total Budget \$14,931,345



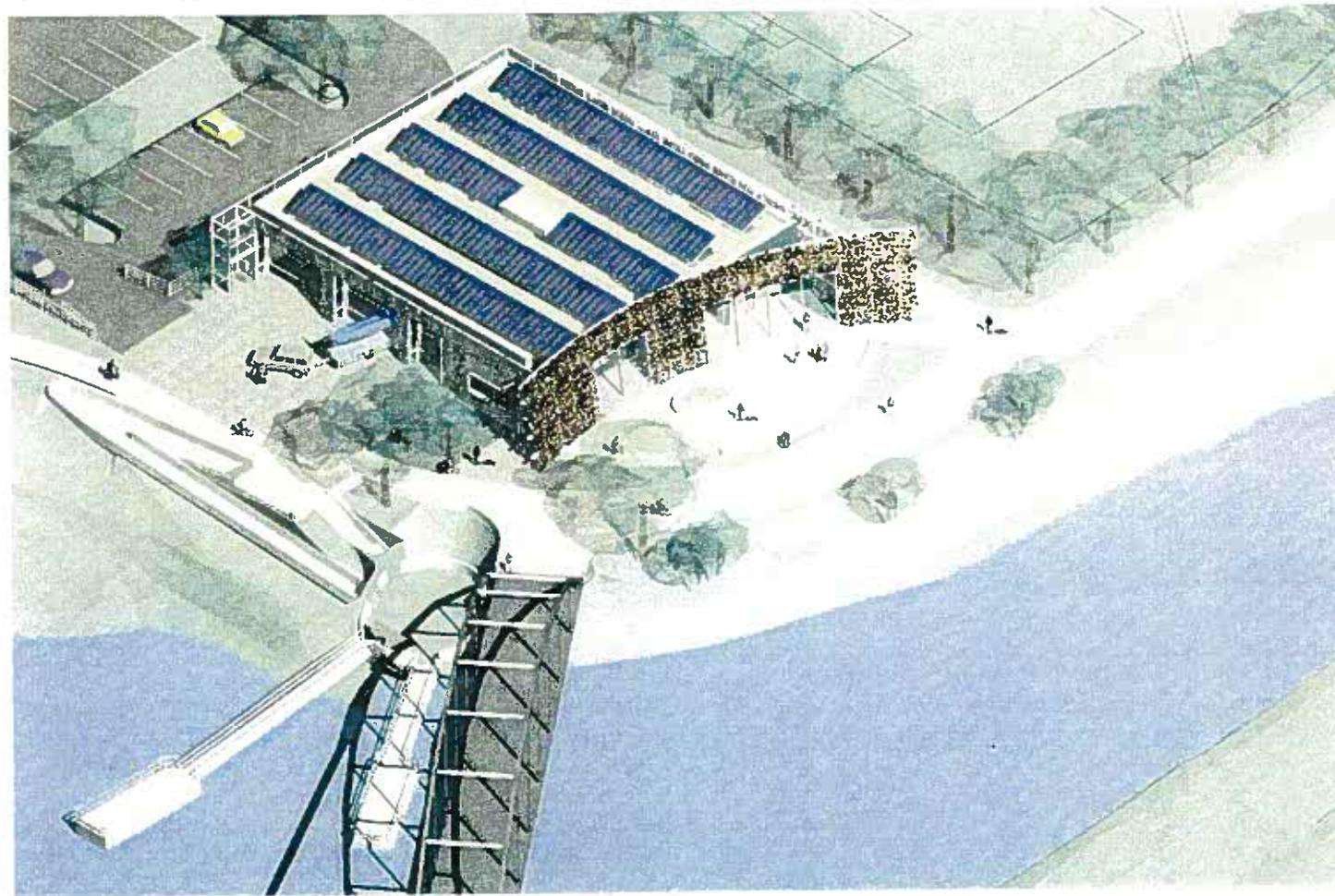
Current Conditions



Parade Ground Schematic



Bronx River Greenway River House



 NYSDOT

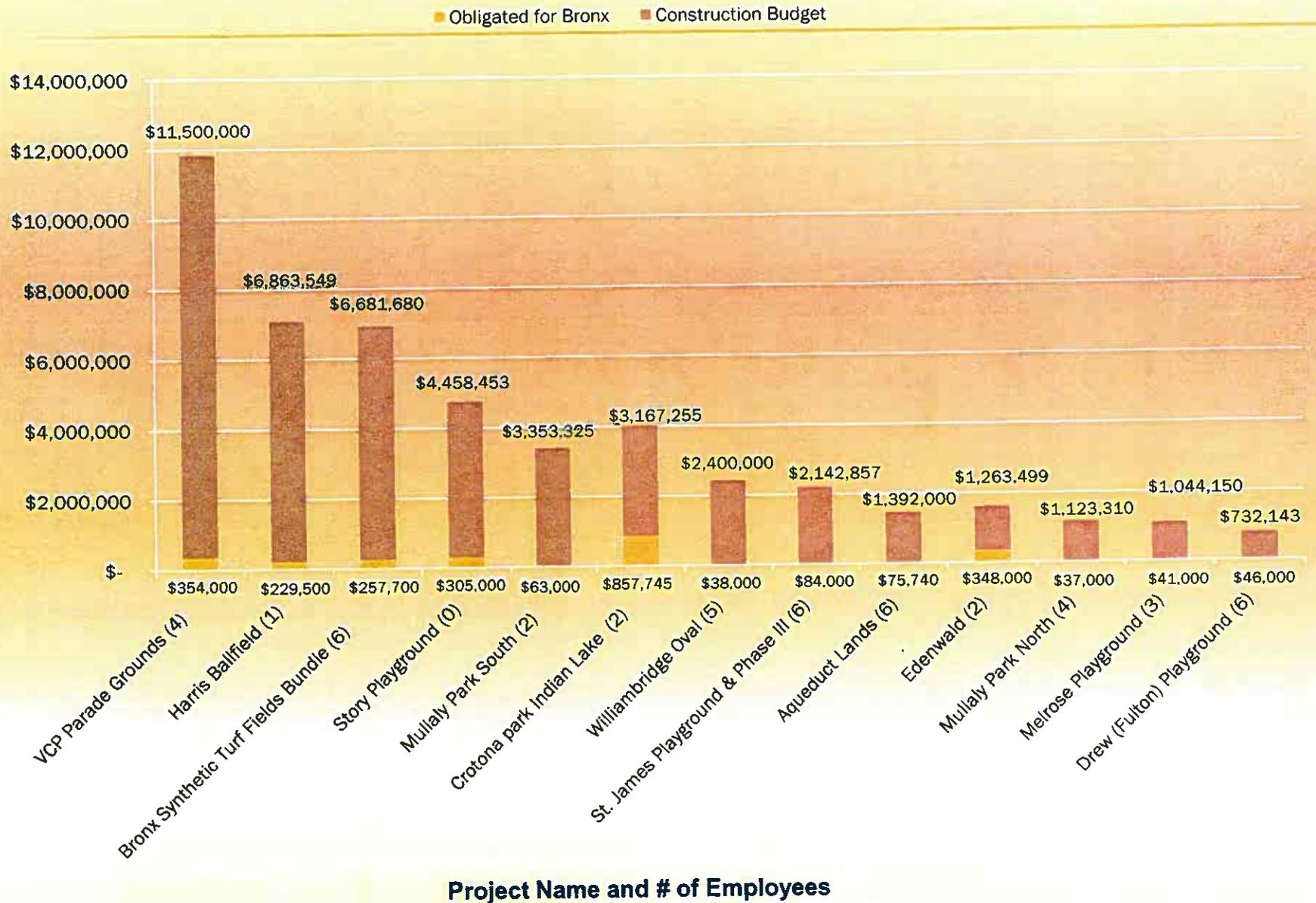
Bronx River Greenway: Westchester Ave To East Tremont Avenue
December 10, 2007 (Preliminary & Final)

Rendered Axonometric of River
House

Story Playground Comfort Station



OUTREACH EFFORTS



**NYC DEP
January 2009**

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

**REQUEST FOR STATEMENT OF QUALIFICATIONS
In Connection With:**

CONTRACT OPERATIONS of the CROTON WATER TREATMENT PLANT

DATE OF ISSUE: January 2009

AUTHORIZED NYC DEP CONTACT

Responders are advised that the individual identified below is the designated contact person for all matters concerning this Request for Statement of Qualifications (SOQ):

Michael Keating, P.E.
NYCDEP - Croton Treatment Plant
3701 Jerome Avenue
Bronx, New York. 10467
mkeating@DEP.nyc.gov
646-438-0759

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Section I Introduction and Project Background

Section II Procurement Process

Section III Submission Requirements

Section IV Evaluation of Submissions

Attachments:

Croton WTP Site Plan
Croton Water Treatment Plant – Mosholu Site Final Design Report –
March 2008

SECTION I: INTRODUCTION AND PROJECT BACKGROUND

INTRODUCTION

The New York City Department of Environmental Protection (DEP) is establishing a Pre-Qualified List (PQL) of Contract Operations Firms who will be allowed to compete for Contract Operations Services for the Croton Water Treatment Plant (WTP). The DEP intends to advertise for competitive proposals to those Contract Operations firms on the Pre-Qualified List. It is anticipated that the proposal will include the following services for the Croton WTP:

- 1) Planning and management of a seamless transition from construction to contract operations including participation during Field Equipment Testing, Start-up Testing and Commissioning, and equipment/system training.
- 2) Operation of the Croton WTP once operations commences.

The Croton WTP is located in the Bronx, New York. The Croton WTP is currently under construction and is designed to treat 290 Million Gallons per Day (MGD). Once construction is complete in 2011, an average daily flow of about 140 MGD is expected to be delivered from the plant.

DEP anticipates contracting for services for Full-scale operation of the Croton WTP to a private company.

Neither the issuance of this SOQ nor the acceptance by the DEP of responses from qualified firms will be deemed to create an obligation to either execute a contract or select a vendor directly from those responding to this solicitation of information.

The City is not responsible for costs incurred in the preparation of any documents related to this solicitation.

The Agency reserves the right to postpone or cancel this SOQ, in whole or in part, and to reject all proposals.

PROJECT BACKGROUND

DEP is a diverse agency whose primary mission is to deliver drinking water to and treat the wastewater of more than 8 million New York City and 1 million upstate New York residents. Each day approximately 1.3 billion gallons of drinking water are supplied and treated by the City's water treatment facilities. DEP is responsible for planning, design, construction, and operation of drinking water supplies, transmission and distribution facilities and sewage collection and wastewater treatment facilities. DEP is also responsible for enforcement of the air, noise and hazardous materials laws and rules, billing and collection of water and sewer use charges, review of environmental impact statements, and administration of the Environmental Control Board.

DEP operates and maintains 14 wastewater treatment plants ranging in size from 40 MGD to 310 MGD, 88 pump stations, over 6,200 miles of water mains, and over 6,600 of sewer lines

throughout the five boroughs. The DEP operates chlorine disinfection facilities for treatment of its unfiltered drinking water supplies but the Croton WTP represents the City's first foray into full-scale drinking water filtration.

CROTON WATER SUPPLY SYSTEM

The Croton Water Supply System is one of three major water systems, the Croton, the Catskill and the Delaware systems, that comprise the New York City water supply. The Croton Water Supply System, which is a reservoir system consisting of twelve reservoirs and three controlled lakes in a 375 square mile watershed located in upstate Westchester and Putnam Counties, is the oldest. This system stores 86.6 billion gallons of water and can yield 240 million gallons per day. A 24-mile aqueduct connects the reservoirs to the Jerome Park Reservoir in The Bronx. The aqueduct extends an additional 8 miles into Manhattan. Water from the Croton system directly supplies parts of Manhattan and the Bronx. The water can also be mixed with that of the other DEP systems to service the remainder of the City. While it is the oldest system, it is also the smallest, supplying on average, about 10 percent of the city's average daily demand of 1.4 billion gallons per day and as much as 30 percent during droughts when the Catskill watershed runs low.

The New York State Department of Health (NYSDOH) and the United States Environmental Protection Agency (USEPA) have mandated the filtration and disinfection of the Croton Water Supply to comply with standards set forth in sub-part 5.1 of Chapter 1, New York State Sanitary Code, and the 1989 USEPA Surface Water Treatment Rule (SWTR), a National Primary Drinking Water Regulation promulgated under the Safe Drinking Water Act (SDWA), 1974.

To fulfill this need, DEP is currently constructing the Croton WTP in the Norwood section of The Bronx. The proposed water treatment plant incorporates a variation of the direct filtration design for water treatment including the following processes: coagulation, flocculation, dissolved air flotation, granular media filtration, and ultraviolet light, and hypochlorite disinfection. The Croton WTP is designated as a Grade 1A Water Treatment Plant. Attached to this document is a site plan and Final Design Criteria Report. The completed facility will be essentially constructed below grade. Construction of the plant began in September 2004 with the Site Preparation Contract. The current Consent Decree requires DEP to commence startup and testing by May 1, 2011. By October 31, 2011, the facility must obtain New York State Department of Health certification and commence operation. The schedule for the Croton WTP is under review.

The procurement of Contract Operations and Maintenance Services will be limited to the Croton WTP. Other parts of the Croton Water Supply System will be operated and maintained by DEP. To be successful, the selected Croton WTP Contract Operations and Maintenance firm must coordinate its efforts with, and work in association with the DEP Bureaus, operating and maintaining other portions of the complete Croton Water Supply system.

SECTION II: PROCUREMENT PROCESS

GENERAL

Based upon submittals received from this solicitation, DEP will qualify firms with the relevant experience and expertise to be short-listed. Only short-listed firms will be deemed qualified to submit proposals on subsequent procurement stages.

DEP anticipates that a subsequent Request For Proposal (RFP) will contain detailed information concerning the scope of services, treated water performance requirements, and a draft Contract Operations Service Agreement.

COMMUNICATIONS PROTOCOL

DEP is committed to a fair and open process for interested parties to receive information about the project and the procurement process. All questions concerning the procurement process must be directed in writing either via e-mail or mail service to:

Michael Keating, P.E.
NYCDEP - Croton Treatment Plant
3701 Jerome Avenue
Bronx, New York. 10467
mkeating@DEP.nyc.gov
646-438-0759

Each inquiry must identify the name, address, e-mail address, telephone number and respondent's company in the correspondence. DEP has the right to refuse comment on any or all submitted questions. DEP will provide a written response to questions and distribute said responses to a single representative of the enquiring firms. The deadline for submitting questions shall be as presented in Procurement Schedule. Any questions received after this date will be disregarded.

PRE-SOLICITATION WORKSHOP

DEP is interested in ensuring that all potential respondents have the opportunity to gain additional information about the Croton WTP project to aid in preparing the highest quality submittals. To achieve this goal, DEP will host a workshop of approximately two hours with potential respondents to provide additional background information regarding the design and construction of the WTP as well as to answer questions regarding the future operations procurement process. Attendance at this meeting is not mandatory to submitting a Statement of Qualification by an interested company.

The meeting will be held at:

Meeting Location:	DEP Croton WTP Construction Site
Address:	3701 Jerome Avenue Bronx, NY 10467
Conference Room:	TBD

Date: February 5, 2009
Time: 10 AM

All potential respondents must contact Michael Keating in writing either by mail or e-mail by seven calendar days before the Pre-Solicitation Workshop requesting permission to attend the meeting. The request shall include the name of the individual(s) requesting attendance, their e-mail address and the name of the firm represented. A list of all approved attendees will be distributed via e-mail within five calendar days of the Pre-Solicitation Workshop. Any attendees that do not have prior approval will not be permitted to attend the workshop. Attendance is limited to no more than three representatives of each of the potential respondents. Only individuals representing private contract operations firm are permitted to attend.

PROCUREMENT SCHEDULE:

DEP has prepared a preliminary procurement schedule for the purpose of providing general information on the estimated timeframe of the procurement process. This schedule is not intended to cover all steps in the process and the actual schedule may vary from the dates shown in the Procurement Schedule:

PROCUREMENT SCHEDULE

Release Date of the SOQ	January 15, 2009
Non-mandatory Pre-Solicitation Workshop	February 5, 2009 (10:00 a.m)
Deadline for Submission of Questions	February 26, 2009 (5:00 p.m.)
SOQ Submission Due Date	March 12, 2009, 3:00 PM
Interviews (If required)	April 2009 (TBD)
Notification of Pre-Qualified Firms	May, 2009 (TBD)

REFERENCE DOCUMENTS AVAILABLE

The following reference documents may be useful in the preparation of the respondent's submission and are available to review at a designated location upon written request via mail or e-mail to Mr. Michael Keating at the address previously stated:

- Croton WTP Conformed Specifications and Drawings

SECTION III: SUBMISSION REQUIREMENTS

GENERAL INSTRUCTIONS

Ten hard copies of the Statement of Qualifications and one unbound camera-ready hard copy must be received by the DEP per the Procurement Schedule. Statements of Information received after the deadline will not be considered and will be returned unopened. Sealed submissions shall be addressed and submitted to:

Michael Keating, P.E.
NYCDEP - Croton Treatment Plant
3701 Jerome Avenue
Bronx, New York. 10467
mkeating@DEP.nyc.gov
646-438-0759

The following information shall be clearly displayed on the front of the envelope: (1) Name of Firm, (2) Statement of Qualification for Contract Operations of the Croton WTP. Submissions will not be opened publicly. If any information contained in the submission is considered confidential, each and every page of the submittal where confidential information is presented must be identified in the page footer as such. The DEP will make reasonable efforts to protect this information from public disclosure.

SOQ SUBMISSION REQUIREMENTS

General

The submission shall include the following six sections. The total page limit of the submission is **28 pages** and the page allocations are identified below:

- Transmittal Letter (1 page – Not counted toward page total)
- Table of Contents (Not counted toward page total)
- Section 1 - Company Information (6 pages - including firm's Organization Chart)
- Section 2 - Relevant Project Experiences and References (2 pages introduction and 2 pages per reference – 22 total)
- Financial Qualifications (Unlimited – included as Appendix A)

All pages shall be 8½ by 11 inches and shall be bound in a single volume. A minimum of 12 point font and single line spacing is required for the text.

Transmittal Letter

Submissions shall include a cover letter transmitting the submission to DEP. The cover letter should be signed and dated by an individual authorized to represent the submitting firm in future communications with DEP. The letter should include that individual's title, address and

telephone number as well as the name of the submitting company and its headquarter address and phone number (if different than the signatory's).

Table of Contents

A table of contents shall be provided clearly identifying the location of the submittal information.

Section 1 - General Company Information

Section 1 should contain general information about the respondents company focused mainly on the company's national and international municipal water and wastewater business. Information should include but not be limited to the following items:

- Services provided
- Company's history (year established, ownership description, mergers and acquisition chronology)
- Firm's organizational chart
- Number of employees
- Number of certified operators, including number of NYSDOH Certified Water Treatment Plant operators indicating grade certification
- Annual billing for past five years
- Geographical coverage including details of support capabilities within the greater NYC area

The Organization Chart of the firm shall include all support functions that are dedicated to Contract Operation and Maintenance Services such as human resources, technical support, safety management/training, IT and administration.

Section 2 - Operations Experience and References

This section shall include a two-page description of general information describing the company's overall experience with the operation of municipal drinking water and wastewater facilities in the United States and internationally. In addition, the respondent shall include 10 reference projects presented on 2 pages each. Emphasis should be placed on projects with similar elements to the Croton WTP project (large plants, drinking water facilities, similar processes like dissolved air flotation or ultraviolet light disinfection, transition to DEP operations, commissioning services, etc.). As a minimum, the reference projects shall include the following information:

- Project name
- Location
- Description of facility including treatment processes
- Plant capacity
- Years of operation by your firm (distinguish merged or acquired companies)
- Contract duration (including renewal dates)
- General scope of service provided
- Annual contract value

- Number of full-time staff
- Record of operations compliance including number of violations of EPA or local DOH requirements, either by the Contract Operations firm or key employees of the firm.
- Mechanical Integrity Management including:
 - EAM/CMMS software system experience
 - Spare parts and inventory management summary
 - Procurement system summary
 - Capital replacement program summary
- Plant Management System(s) or approaches Implemented including
 - Facility compliance logging and reporting system summary
 - Standard operating procedures summary
 - Integrated action items management summary
- Health and Safety Record Programs including programs for
 - Job hazard assessments
 - Confine space entry
 - Hot work
 - Control of hazardous energy
 - Client specific programs
- Laboratory Services provided for process control and Facility Monitoring Plan implementation
- Training programs summary
- Experience summarizing permit management and compliance
- Experience documenting management of spill prevention reporting, emergency action plans, incident response and investigation
- Experience summarizing contractor management
- Startup plans including safety review
- Waste management programs including universal and hazardous waste management
- Energy management programs
- Project awards
- Transition experience (to/from DEP or other firm)
- DEP, reference name, address and contact number
- Statement declaring adherence/non-adherence to ISO-9000.
- Statement declaring adherence/non-adherence to ISO-14000

Appendix A - Financial Qualifications

The responding firm must demonstrate their depth of resources and financial capability to operate a facility of this size. Financial qualifications shall be provided as an Appendix to the submission and shall include the following information:

Financial Statements. Financial statements from the most recent five years of audited annual reports must be provided. Financial statements should be related specifically to Contract Operations and Maintenance Services. If publicly traded, these reports shall be as filed with the Securities and Exchange Commission (SEC) (Form 10-K). If the respondent is not required to file with the SEC, provide audited financial statements including income statements and balance sheets for each of the most recent five years.

Credit Rating. Provide the latest company's ratings by Moody's Investor Service, Standard and Poor's Corp., Duff & Phelps and any other such financial ratings of the respondent.

Litigation. Disclose any on-going litigation in which the respondent is currently involved that could affect the financial position of the company should judgment be brought against the respondent.

SECTION IV: EVALUATION OF SUBMISSIONS

GENERAL

A Selection Committee will be formed to evaluate each of the submissions. Each of the submissions shall be evaluated and a determination will be made regarding the respondents capability to be placed on the Croton WTP Pre-Qualifications List in compliance with the rules of the PPB. In the review process, the respondent submissions will be evaluated based on the general criteria described below:

Company Background and Capabilities. An assessment of the firms' organization and staffing will be conducted in order to determine its overall capability in supporting the on-site staff of a project this size.

Operations and Maintenance Experience and Strategies. The selection committee will review the 10 reference projects and rate each respondent based on the level of experience in the operation and maintenance services, and transition to owners of large treatment plants, particularly large-scale drinking water plants. Other factors that will be considered include but are not limited to, the similarity of process components to the Croton WTP, computerized maintenance systems implemented, and health and safety records.

References. References provided in the submittal will be contacted and requested to answer a series of pre-selected questions. The responses will be reviewed by the Selection Committee and each respondent will be ranked based on the level of client satisfaction conveyed by the references. Emphasis will be placed on client satisfaction levels of projects most similar to the Croton WTP project.

Financial Capabilities. Financial information shall be reviewed and evaluated based on but not limited to, growth, solvency, market strength, and bond rating (Moody's Investor's Service and Standard and Poor's Corp.).

Interview: The DEP may or may not conduct interviews as part of the submission evaluation process. Responders will be notified if and when interviews will be scheduled.

There is a 1000-pound gorilla at these meetings. And that is the undercurrent suggestion that this entire project has been a massive hoax designed to do one thing and that is make as much money as possible for contractors and engineering companies. Having followed this project closely every step of the way, I must tell you I have not seen one indication to contradict that notion. It's time now for the FMC to directly address the issues, actually monitor what has gone on, and insist the DEP tell the truth.

JOBS

While Project READY and the other so-called job programs might provide a handful of jobs and futures, this is not what Chris Ward promised when he said on television that he would link Bronx jobs to the project as a way of addressing high unemployment.

Why would he make promises he knew he couldn't keep? To get this experimental underground design approved for the contractors who would soon pay his salary.

BUDGET

No matter how the DEP has twisted and turned (including the current acting commissioner lying to the NY Times about whether inflation had been taken into account in the original budget), the numbers still don't add up. This has been confirmed by the most recent IBO findings. The FMC made a formal request of the comptroller to get to the bottom of it. What happened to that request? It's time now for the FMC to renew the request and insist that the DEP come fully clean about the project's budget.

GROUNDWATER

It's been revealed that this idiotic experimental design is releasing up to 1 million gallons of groundwater daily and more is projected after construction. The FMC needs to get this answered once and for all: if the DEP and its gang of consultants knew this was going to happen, why wasn't it listed as an impact in the EIS? And if they did NOT know, they are certainly not expert enough to be managing a project of this size and complexity.

BLASTING

Why will it be necessary to modify the EIS to perform blasting across from the Bronx HS of Science? ... not to mention the phony comparison: blasting and hoe ramming are the same, both are not allowed and were specifically turned down in the EIS. Dare I suggest that the original design was a fraud just to get approval as was their contrived presentation to the community at the 11th hour last spring? And where are the full plans for what Harris Park Annex going to look like and be used for? No work should have been done until these were fully reviewed and explained. Clearly the DEP has plans it has not told anyone about.

PARKLAND

We were told that Commissioner Lloyd didn't like the design for the golf course. So, big surprise, yet another expensive contractor was hired and more parkland is targeted for alienation, including land for a parking lot that was originally said to not be needed. Could it be indication of yet another fraudulent design just to get the project approved? Why is the DEP selling off the public's land in Van Cortlandt Park to golf and other contractor vendors, rather than sticking to the EIS?

PRIVATIZATION

When I heard that the DEP was considering privatizing plant operations I actually laughed out loud. Why? Because the DEP has behaved like a private enterprise all along! The committee still has to ask for reports before the meetings. Meetings and discussions are held behind closed doors and at times when affected parties would be least likely to attend. This public project is not being held up to the light of day! Why did the FMC have to read about the notion of privatization in the newspaper?

CONCLUSION

FMC. Stop dancing with the gorilla, make them work for you and for all of us!

Gary Axelbank
February 19, 2009