NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
WEDNESDAY, NOVEMBER 16, 2011 – 7:00 PM

The Croton Facility Monitoring Committee (CFMC) met on Wednesday, November 16, 2011 at the DEP Community Office, 3660 Jerome Avenue, Bronx, NY 10467.

Welcome
The meeting came to order at 7:15 pm. Father Gorman welcomed students attending from a class taught at Monroe College by Sam Goodman.

Attending - CFMC Representatives:
Father Richard Gorman, Chair, CFMC and Community Board # 12; Hector Aponte, Bronx Borough Commissioner, Department of Parks & Recreation (DPR); Robert Fanuzzi, Chair, Community Board # 8; Sam Goodman, Bronx Borough President's Office; Council Member G. Oliver Koppell & Jamin Sewell, Office of Council Member Koppell; Mark Lanaghan, Department of Environmental Protection (DEP). **Not Attending**: Paul Foster, Chair, Community Board # 7. **Others Attending:** Assembly Member Jeffrey Dinowitz and Tom McNeil of Assembly Member Dinowitz's Office; DEP Staff; DEP Construction Manager; members of the public, students from Monroe College and press. Attendees, with the information they provided, are listed on *Attachment 1.* Agenda is *Attachment 2.*

Adoption of CFMC Meeting Minutes
Fr. Gorman deferred adoption of the CFMC meeting minutes of October 19th pending discussion by the Independent Budget Office (IBO) representatives and the CFMC about allegations of delays in transfer of funds from DEP to DPR to pay for parks improvements. The CFMC agreed to consider the minutes later in the meeting.

IBO Presentation
In response to an article in *New York Daily News* dated September 23, 2011, Ana Champeny and Yevgeniya Bukshpun of IBO spoke about Croton construction contracts and parks improvements paid for by Croton funds. The IBO handout (*Attachment 3*) was modified after the meeting (*Attachment 4*) pursuant to request from Fr. Gorman and Karen Argenti, FIPNA. Participating in extensive discussion about specific DPR projects, the time to design, bid and construct the projects, and transfer of funding were Ms. Champeny, Ms. Bukshpun, Assembly Member Dinowitz, Raymundo Gomez, DPR, Ms. Argenti, Jane Sokolow, BCEQ, Mr. Fanuzzi, Bob Bender, Community Board #8, Fr. Gorman, and Mr. Lanaghan. Ms. Bukshpun's handout totaled $3.2 billion committed to the Croton budget line, including Construction, Mitigation and Amenities, New Croton Aqueduct (NCA), and Inter Fund Agreement (IFA) , with another $242 million planned to be spent. Council Member Koppell requested a breakdown of the 1999 ULURP resolution items and the 2004 Memorandum of Agreement projects. Ms. Champeny said IBO analysis indicated that monies were spent more slowly in Community Districts 8, 9, and 11 and were being more quickly spent on projects in Community District #7. Mr.

Gomez described the status of DPR projects based on amounts DPR had budgeted and spent. Mr. Lanaghan and Frank McCue, DPR, provided copies of the MOU. *(Attachment 5)*

There was further discussion and there were follow up requests from Ms. Argenti and Fr. Gorman asking for a detailed breakdown from IBO of each parks project. They pointed out that several differing sets of information were provided to the CFMC and the costs from each source do not tally. There was a brief explanation by Messrs. Lanaghan and Gomez about IFA transfers where capital funds pay for specific activities. Additional comments about funding sources were made by Messrs. Aponte, Dinowitz, and Gomez. Messrs. Aponte and Gomez explained that Council Member and Borough President discretionary items as well as grants add funding to the $186 million project amounts that DPR plans to spend in its program. Mr. Gomez's handout is *Attachment 6*. Ms. Sokolow said that $200 million plus $47.1 million should be spent from Croton funds. Mr. Aponte said that most of the ULURP funding was for the golf course, although its upgrade was costing more than planned. He added that this amount is separate from the $180 million reflected in the MOU. He added that more information can be provided by DPR at subsequent meetings, and that Mr. McCue prepared extensive material about the status of each of the Croton-funded parks improvements to share with the CFMC at this meeting. Mr. Gomez said that 39 of 63 projects have been completed. Mr. Fanuzzi questioned the $14 million that will be spent beyond 2012. He and Mr. Dinowitz criticized delays in spending the funds, because inflation will diminish value.

Fr. Gorman said he will meet with Mr. Aponte to discuss the information DPR will provide at the next CFMC meeting. He said that he did not want Mr. McCue's presentation at this meeting. Fr. Gorman said at the next CFMC meeting he wants to hear what funds were supposed to be spent, what funds have been spent, and what funds remain to be spent.

Statement Regarding Availability of Lehman College Parking Lot for Jogging Path

Rene Rotolo, Assistant Vice President, Lehman College, made a statement on behalf of Lehman College about its continuing need for parking (*Attachment 7*). Ms. Rotolo first gave a history of Lehman College, saying it is the only city college in the Bronx and that it became independent of Hunter College in 1968. She noted that it is a commuter campus with many of its students traveling to the school by car. In 1982, NYC transferred land, including Lehman College's parking lot, to NYS for educational purposes. She went on to say that Lehman would only consider sacrificing parking if substitute appropriate parking were made available to replace any spaces that would be eliminated for a jogging path. Mr. Koppell requested that DPR perform an independent analysis of exactly how many parking spots would be lost if the jogging path were routed through Lehman's parking lot. Ms. Rotolo reported that 18" of Lehman's property was already taken along the east side of its lot for DEP's security fence, and Lehman cannot make more of its property available for a jogging path without losing 223 spaces. Mr. Aponte said that the jogging path does not have funding to design a path on Goulden Ave. in the area of Lehman's parking lot, so further analysis would not be meaningful. Mr. Koppell said that Mr. Dinowitz might be able to get funding for Lehman from NYS agencies. Ms.

Argenti said the Jerome Park Conservancy has called for relocation of the Lehman parking lot behind Lehman College with ball fields atop it, along with relocation of the High School for American Studies. Mr. Dinowitz proposed replacing the High School for American Studies with a more permanent facility in a better location.

Dam Safety and Tree Removal at Jerome Park Reservoir

Mr. Lanaghan said that up to 52 trees of the 124 planned for removal at the retaining walls might be saved as a result of additional analysis that has been conducted. This would leave 72 trees for removal at the retaining walls. DEP's tour of JPR some months ago pointed out the plan for removal of an additional 77 trees (11 of which are dead) on the earthen dam. DEP has not submitted a plan to New York State Department of Environmental Conservation (NYSDEC) and will continue to work with DPR to refine the number of trees for removal. Mr. Lanaghan said that an additional site visit with CFMC representatives might take place. There is no schedule yet for DEP to submit its dam safety plan to NYSDEC. He said an approved plan will be shared with the CFMC. Ms. Argenti asked if the JPR retaining wall will be maintained, and Mr. Lanaghan said it would. Ms. Argenti said that a maintenance plan must also be submitted to NYSDEC and she requested a copy. She said that each year DEP must certify to NYSDEC that it has such a plan, although the plan is not filed with NYSDEC – but they can request it. Mr. Bender requested assurance that, when the Ft. Independence Park improvement work is bid, it will include a contingency for tree removal. Mr. Aponte said this is correct.

Update on Schedule, Costs, Construction Activities

Costs - *Attachment 8*

Mr. Daly said the Croton cost report was distributed in advance. Costs of the project had been discussed earlier; there were no additional questions.

Construction Update/Look-ahead – *Attachment 9*

Mr. Daly gave the update, using his diagram of the Croton Water Supply system which illustrates the raw water flow into the Bronx and the system of flow in and treated water out of the Croton facility.

The CRO-312 contractors continue to construct the Croton Filter Plant facility at the Van Cortlandt Park (VCP) site. Most of the concrete is in place. Work is continuing at the above ground Arrivals and Receiving Building, Chemical Fill Station and Vent Structures and Stairs. Architectural features at the above ground buildings will commence next year. Installation of the 84" water main at the VCP front entrance driveway continues. Mr. Daly previously explained that the water main will be capped at Jerome Ave. and may be connected to distribution eventually. Con Ed permanent electric power is in place at the plant utilizing two new feeders while Con Ed is in the process of constructing another two backup feeders to the plant from a substation in Yonkers. Other utility work is ongoing, including sewers and storm drain piping in Jerome Ave. Construction of retaining walls and foundations for driving range netting poles is ongoing. Mr. Koppell and Fr. Gorman said that the golf course concessionaire is concerned about maintaining its golf course on the roof of the plant. Mr. Daly said that discussions are ongoing between DEP and DPR about this. Construction within the treatment plant structure

continues, including the installation of mechanical, electrical, plumbing and HVAC equipment. Electrical work is taking place in two shifts on weekdays plus weekends. Checkout of process equipment within the plant is beginning.

The CRO-313 tunnel is complete and the contract is being closed-out.

CRO-312FM Force Main is not proceeding. Restoring the test pits is expected to commence in March 2012.

Construction of the Shaft and Meter Chamber at JPR including large diameter pipes and valves under CRO-312OS continues to advance satisfactorily. Concrete has been placed; work is concluding on installation of mezzanine grating, drain piping and electrical work. The two new water mains have been connected in Goulden Ave., disinfection and pressure testing has been completed and backfilling of the roadway is underway. The roadway should be restored by year's end. The next excavation, for water main connections on the street at Sedgwick and Goulden Aves., is planned to start in summer 2012. In December 2011, DEP expects to begin intermittent trench blasting for installation of yard piping. As previously reported, the blasting activities will be minimal as compared to the previous blasting at the Shaft and Meter Chamber. Blasts will be after school hours and should not result in undue vibrations or noise.

Sluice gate replacement and upgrades are continuing at Gate House No. 5 and Gate House No. 7. At Gate House No. 5, 22 sluice gates will be replaced while 7 existing sluice gates will be refurbished inside Gate House No. 7. Also, electrical work is underway inside Gate House No. 5. At Gate House No 1, the gate replacement work on two sluice gates will start in the next few weeks and will take several months to complete. Gate House No. 2 has been carefully inspected, and the building is currently encased in scaffolding. The building has been found to be in very poor condition, and may have to be demolished. The State Historic Preservation Office (SHPO) must approve its removal and would be consulted if DEP decides to go forward with plans to demolish the structure. It is located above the area where the north basin water enters for recirculation back to Gate House No. 5 and above drainage facilities for the north basin. All the equipment beneath Gate House No. 2 would remain and would not be compromised if Gate House 2 were demolished. Because of the extensive rehabilitation work required, DEP will develop a new contract for rehabilitation of the remaining Gate House buildings. The contract will cover the plans for rehabilitation or removal of Gate Houses No. 2, No. 3, and No. 6 (Mr. Daly said that Gate House No. 6 will not be connected to the water supply system under the new plant distribution system). The new contract will be managed by DEP's Josh Sager, who was introduced to the CFMC.

Work on the South Basin Ramp at JPR is in progress and is expected to be complete by year's end. As part of work on the DEP Ultraviolet Disinfection (UV) Facility, DEP will be shutting down the Catskill Aqueduct for most of January 2012. This work has no impact on the city's drinking water needs, which will be supplied solely by the Delaware Aqueduct instead. However, a number of communities in Westchester (Tarrytown, Sleepy Hollow and Briarcliff Manor) will need to use the New Croton Aqueduct (NCA)

as a backup water supply. In order to allow those communities to test equipment prior to the shutdown, DEP is currently sending a small amount of water through the NCA and some of it is emptying into the South Basin of JPR. That water ending up in the JPJR will not be used for drinking purposes, but will be allowed to slowly drain into the local sewer system when it is not raining. Fluctuating levels of water in the JPR will continue through January until work on the Catskill Aqueduct is completed, and draining this basin is expected to continue into February. JPR is not expected to impound water for the city's distribution system until the Croton Filter Plant goes on line

Under Contract CRO 334, work is underway to construct a concrete plug adjacent to Shaft 21 at JPR. A large crane is located over Shaft 21 to support this work. The Low Service Shaft cap work at the Shaft and Meter Chamber will follow the installation of the plug.

Fr. Gorman asked Lauren Competello if she had written information to present about the Croton design consultant contract's change orders. Ms. Competello said she would have it at the next CFMC meeting.

Update on Croton Jobs —*Attachment 10*
Mr. Lanaghan spoke briefly about the current Croton jobs report and the largest purchases of Bronx-based goods and services.

CFMC Discussion
The CFMC set the next meeting on Thursday, January 12th. Fr. Gorman said his chairmanship term is over, and the CFMC will have to select a new chair.

The CFMC adopted the October 19th meeting minutes following a motion by Mr. Koppell which was seconded by Fr. Gorman.

Mr. Fanuzzi requested that further discussion of the VCP pedestrian bridge over the Major Deegan Expressway be placed on the next agenda.

Fr. Gorman adjourned the meeting at 9:45 pm.

11/16/2011 **NYC DEP - CROTON FMC** *Attachment 1*

Name	Organization / Company	Address	Phone	Fax	E-Mail
Tom McNeil	Office of Assembly Member Dinowitz	3107 Kingsbridge Avenue Bronx NY 10463	(718) 796-0694		thomas0330@hotmail.com
Thomas Farrell, PE	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000		thomas.farrell@shawgrp.com
Adam Wisineski	Riverdale Press	6155 Broadway Bronx NY	(718) 593 6500		awisnieski@riverdalepress.com
Hon. Jeffrey Dinowitz	Assembly Member	3107 Kingsbridge Avenue Bronx NY 10463	(718) 796-5345		dinowitzj@assembly.nys.us.gov
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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
Frank McCue	Croton Projects Parks & Recreation Dept.	Olmstead Center Flushing Meadows Corona Park	(718) 760 6676		frank.mccue@parks.nyc.gov
Raymundo Gomez	Department of Parks & Recreation	Olmstead Center Flushing Meadows Corona Park			raymundo.gonez@parks.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
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Sam Goodman	Office of Bronx Borough President Diaz	198 East 161st Street Bronx, NY 10451	(718) 590-6124	(718) 590-2698	sgoodman@bronxbp.nyc.gov
Margot Perron	Department of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430- 1890		margot.perron@parks.nyc.gov
Jane Sokolow	BCEQ	2 Spaulding Lane Riverdale NY 10471	(718) 548-8090		jsbx101@gmail.com
Karen Argenti	FIPNA	PO Box 346 Bronx NY 10471	(646) 529 1990		karenargenti@aol.com
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11/16/2011 **NYC DEP - CROTON FCMC**

Page 2 Continued.....

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Bob Bender	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740		
Hon. G.Oliver Koppell	Council Member	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		okoppell@council.nyc.gov
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Josh Sager	DEP BEDC	96-05 Horace Harding Exp. Flushing NY	(718) 595-3081		jsager@dep.nyc.gov
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Ilona Linins	Lehman College	250 Bedford Pk Blvd W Bronx NY	(718) 960 8988		ilona.linins@lehman.cuny.edu
Yevgeniya Bukshpun	Independent Budget Office	110 William Street New York NY 10038	(718) 442-8617		yevgeniyab@ibo.nyc.ny.us
Richard Barr	Bx HS of Science Parents' Assn	203 W 86th Street New York NY 10024	212) 877-2694		richardedbarr@aol.com
Amadys Hernandez	Monroe College				
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11/16/2011 **NYC DEP - CROTON FCMC**

Page 3 Continued.....

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Lashauna Biashungron	Monroe College				
Nelsa Nunez	Monroe College				
Oscarina Cortorreal	Monroe College				
Yuleidy Abreu	Monroe College				
Samantha Lewis	Monroe College				
T'Shanta Brown	Monroe College				

Agenda
Croton Facility Monitoring Committee Meeting

Wednesday, November 16, 2011 – 7:00 PM
DEP Community Office – 3660 Jerome Avenue, Bronx NY 10467 - (718) 231-8470

I Welcome	Father Richard Gorman, Chair
II Consider, Adopt 10/19/11 Meeting Minutes	CFMC Representatives
III Comments from Independent Budget Office	Ana Champeny, IBO Yevgeniya Bukshpun, IBO
IV Status of DPR's Croton Mitigation Parks Improvement Projects & Memorandum of Agreement	Frank McCue, DPR
Response by Lehman College on Parking Lot Use for JPR Jogging Path	Rene Rotolo, Lehman College
Follow up on Dam Safety, Tree Removal At Jerome Park Reservoir	Mark Lanaghan, DEP
V Construction Update, Schedule & Costs	Bernard Daly, P.E., DEP
VI Explanation of Croton Design Contract Change Orders	Lauren Competello, P.E., DEP
VII Croton Jobs & Bronx Purchases	Mark Lanaghan, DEP
VIII CFMC Discussion, Set Next Meeting	CFMC Representatives
IX Adjourn	

Independent Budget Office
Croton Filtration Plant Budget Summary

		A	B	A+B
Reference	**Description of Work**	**Committed/ Current Contract Amount as of 10/28/2011**	**2012-2015 Planned (excl. registrations in FY2012 reflected in Column A)**	**Projected Total Since Inception**
CRO-311	WTP Site Preparation	$113,214,786		$113,214,786
CRO-312G	WTP Construction - General	$1,432,386,745	$22,159,126	$1,454,545,871
CRO-312E1	WTP Construction - Low Voltage Electrical	$156,268,845	$994,908	$157,263,753
CRO-312E2	WTP Construction - High Voltage Electrical	$45,282,643		$45,282,643
CRO-312H	WTP Construction - HVAC	$127,687,306		$127,687,306
CRO-312P	WTP Construction - Plumbing	$70,300,303	$969,725	$71,270,028
CRO-313	Water Conveyance & Connecting Tunnels	$211,881,822		$211,881,822
	Subtotal, Filtration Plant Construction Costs	**$2,157,022,450**	**$24,123,760**	**$2,181,146,210**
CRO-312OS-G	Off-site Facility - General	$119,109,807		$119,109,807
CRO-312OS-E	Off-site Facility - Electrical	$16,872,167	$7,973,204	$24,845,371
CRO-312OS-H	Off-site Facility - HVAC	$843,376	$525	$843,901
CRO-312OS-P	Off-site Facility - Plumbing	$1,035,133	$32	$1,035,165
	Subtotal, Off-site Facility	**$137,860,482**	**$7,973,761**	**$145,834,243**
CRO-312FM	Original Force Main Route to the Hunts Point Plant *(Project has been cancelled. Once contract is closed, committed amount will be revised.)*	$31,146,270		$31,146,270
	Subtotal Force Main	**$31,146,270**		**$31,146,270**
HED-543 DES	WTP Design	$266,408,648		$266,408,648
HED-545CM	WTP Construction Management	$96,336,305	$48,095,000	$144,431,305
CRO-312CE	Con Edison Payment	$4,075,000		$4,075,000
CRO-310	Traffic Improvements	$1,111,973	-$1,112,000	-$27
HED-CLUB	Club Reconstruction		$52,000,000	$52,000,000
HED-545/ FIRST TEE	Payments to First Tee (Parks Golf Course Concessionaire)	$12,608,317	$222,717	$12,831,034
826 BRONX-HS	Bronx Science HS Air Conditioners	$525,000		$525,000
826 CRO-186	Construction of the New Croton Lake Gatehouse, Westchester County	$12,987,691		$12,987,691
826 PROCSS-99	Croton Watershed Process Studies	$8,668,885		$8,668,885
801 PUTNAMROW	Putnam Rail Road - Right of Way (Agency 801)	$176,700		$176,700
	OMB Value Engineering (Agency 002)	$1,242,988		$1,242,988
	Active contracts in 1999 (FY2000) that were moved from IFMS to FMS with a "CONVERTED" project ID.	$124,623,873		$124,623,873
	Subtotal Plant Design and Construction Management	**$528,765,381**	**$99,205,717**	**$627,971,098**
	IFA Croton Filtration Plant	$15,170,506	$13,000,000	$28,170,506
	Total Croton Filtration Plant Construction	**$2,869,965,089**	**$144,303,238**	**$3,014,268,326**

Table continued on next page

Independent Budget Office
Croton Filtration Plant Budget Summary

Reference	Description of Work	A Committed/ Current Contract Amount as of 10/28/2011	B 2012-2015 Planned (excl. registrations in FY2012 reflected in Column A)	A+B Projected Total Since Inception
	From first page of table			
	Total Croton Filtration Plant Construction	***$2,869,965,089***	***$144,303,238***	***$3,014,268,326***
New Croton Aqueduct (NCA) Construction Costs				
CRO-333	NCA Investigation & Baseline Rehabilitation	$32,179,110		$32,179,110
CRO-334-G	NCA Rehabilitation-General	$106,091,848	$7,543,800	$113,635,648
CRO-334-E	NCA Rehabilitation-Electrical	$1,372,975	$300	$1,373,275
CRO-334CM	Supervision for NCA Rehabilitation	$5,952,446	$2,162,000	$8,114,446
CRO-315G	Demo & Modifications of Structures-General	$3,655,894		$3,655,894
CRO-315E	Demo & Modifications of Structures-Electrical	$953,117		$953,117
CRO-477	Emergency Declaration	$4,303,126	$13,200,000	$17,503,126
	Subtotal New Croton Aqueduct Construction	**$154,508,516**	**$22,906,100**	**$177,414,616**
	IFA New Croton Aqueduct	$1,800,000	$2,000,000	$3,800,000
	Total New Croton Aqueduct Construction	**$156,308,516**	**$24,906,100**	**$181,214,616**
Mitigation & Amenities (all lines include IFA)				
826 CLEMENTE	Reconstruction of Roberto Clemente Park (excl. $10 m in State Funds)	$10,250,000		$10,250,000
826 CRO-M&A	Mitigation & Amenities (Original ULURP)		$25,386,000	$25,386,000
826 GREEN-BX	Tree Planting in the Bronx	$10,000,000		$10,000,000
	Mitigation Parks Projects	$161,384,150	$47,702,000	$209,086,150
	Total Capital Mitigation & Amenities (incl. IFA)	**$181,634,150**	**$73,088,000**	**$254,722,150**
	Croton Forestry Management (Expense Budget)	$8,170,076	*annual transfer*	$8,170,076
	Total Expense Mitigation & Amenities	**$8,170,076**		**$8,170,076**
	TOTAL Croton Filtration Plant (incl. Construction, Mitigation & Amenities, NCA, and IFA)	**$3,216,077,831**	**$242,297,338**	**$3,458,375,169**

SOURCE: IBO, NYC Financial Management System, Department of Environmental Protection. Planned commitments by capital project ID retrieved from NYC Financial Management System on 09/21/2011.

NOTES: IFA, an Interfund Agreement, represents expense budget spending related to a capital project that is funded from capital financing sources. The City typically does not include IFA spending in the capital budget. IBO includes it to represent the full cost of the project. IFA is not shown separately for Mitigation and Amenities projects.

While DEP currently plans to spend $12,831,034 in total on HED-545/First Tee, the contract is registered for $18,825,101 in payments to the golf course concessionaire.

Certain figures were provided by DEP: The committed amount for CRO-186, $12,987,691, was provided by DEP and includes funds committed prior to 2000 that are not reflected in the current FMS 2 system, which reflects $454,000 in commitments for this project. DEP provided the committed and planned amounts for CRO-333, OMB Value Engineering, "Converted Projects," and the contract-level planned amounts for WTP construction.

Independent Budget Office

Croton Filtration Plant Mitigation and Amenities

Projects Managed by Department of Parks & Recreation

(dollars in thousands)

COMMUNITY BOARD	PROJECT DESCRIPTION	2000-2011 COMMITTED	2012 PLANNED	2000-2012 TOTAL
7/8/12	**VAN CORTLANDT PARK TOTAL**	**$32,498**	**$5,038**	**$37,536**
7	*VAN CORTLANDT PLAYGROUND AND COMFORT STATION (SACHKERAH WOODS)*	*2,694*		*2,694*
7/8	*GOLF COURSE IRRIGATION - BRONX*	*12,499*		*12,499*
8	*VAN CORTLANDT PARK - RECONSTRUCT HEADHOUSE & DEMOLISH GREENHOUSE*	*342*	*2,110*	*2,452*
8	*VAN CORTLANDT PARK NURSERY*	*802*	*01*	*803*
8	*VAN CORTLANDT PARK: DISTRICT HEADQUARTERS AND COMFORT STATION*	*1,450*	*101*	*1,551*
8	*VAN CORTLANDT PARK: PARADE GROUNDS*	*12,392*	*469*	*12,861*
8	*VAN CORTLANDT PARK: OLD CROTON AQUEDUCT TRAIL*	*887*		*887*
8	*VAN CORTLANDT PARK: OLD CROTON AQUEDUCT TRAIL PHASE II*		*2,253*	*2,253*
8	*SIGNAGE FROM VAN CORTLANDT TO BRYANT PARK*		*50*	*50*
8/12	*SHANDLER RECREATION AREA*	*1,432*	*54*	*1,486*
1	MELROSE PLAYGROUND	1,513		1,513
1	CLARK PLAYGROUND	1,618		1,618
2	BRONX RIVER - CONCRETE PLANT PARK	592		592
2	PUGSLEY CREEK - FIELD OF DREAMS BALLFIELDS & SITEWORK	1,217	681	1,898
2	MANIDA PARK - PRIME BALLFIELD	1,794		1,794
3	CROTONA PARK	7,997	1,065	9,062
3	HINES PARK - RECONSTRUCTION OF RETAINING WALL	481	206	687
3	FULTON(DREW) PLAYGROUND - PHASE II	1,113		1,113
4	MULLALY PARK	6,513	860	7,373
4	GRANT PARK	3,554	847	4,401
5	REGATTA PARK- WASHINGTON BRIDGE PARK	149		149
5	AQUEDUCT LANDS	2,177	1,579	3,756
5	SEDGWICK PLAYGROUND	1,909	08	1,917
5	MOUNT HOPE PLAYGROUND	1,964	293	2,257
6	BRONX RIVER GREENWAY: RIVER PARK	1,597		1,597
6	WEBSTER PLAYGROUND & COMFORT STATION	2,346	00	2,346
6	TREMONT PARK	3,956	01	3,957
7	REGATTA PARK: WATERFRONT ACCESS	86	97	183
7	AQUEDUCT WALK	445	4,735	5,180
7	WILLIAMSBRIDGE OVAL PARK	13,664	1,112	14,776
7	HARRIS PARK ATHLETIC FIELDS	14,222	2,117	16,339
7	DEVOE PARK	3,590	44	3,634
7	ST. JAMES PARK	5,612	24	5,636
8	PUTNAM TRAIL: AQUISITION OF RIGHT OF WAY		516	516
8	JEROME PARK RESERVOIR-RECREATIONAL PATHWAY	476	2,006	2,482
9	BRONX RIVER GREENWAY RIVER HOUSE IN STARLIGHT PARK	1,154	5,608	6,762
9	SOUNDVIEW PARK	5,423	706	6,129
9	PUGSLEY CREEK	693	1,342	2,035
9	STORY PLAYGROUND	6,557	432	6,989
9/10/11/12	**PELHAM BAY PARK**	**6,745**	**7,544**	**14,289**
9	*PELHAM BAY PARK: WATERFRONT DEVELOPMENT*	*60*	*6,165*	*6,225*
10	*PELHAM BAY PARK: NATURE CENTER*	*500*		*500*
11	*PELHAM PARKWAY MALLS*	*163*	*1,250*	*1,413*
12	*PELHAM BAY PARK: BRIDLE TRAILS*	*831*	*129*	*960*
10/12	*CROTON - PELHAM BAY PARK & DREW PLAYGROUND(PHASE I)*	*5,191*		*5,191*
10	FERRY POINT PARK	6,422	176	6,598
10	OWEN DOLEN GOLDEN RECREATION CENTER	1,135		1,135
10	AMBROSINI PLAYGROUND AND BALLFIELD	2,115		2,115
11	BRONX RIVER GREENWAY: BIRCHALL/180TH ST CONNECTION	400	2,985	3,385
11	CAMPANARO PLAYGROUND	1,856	01	1,857
12	BRONX RIVER GREENWAY: MULTI USE PATH 233 ST	340	2,584	2,924
12	HUTCHINSON RIVER GREENWAY	366	1,947	2,313
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12	HAFFEN PARK ATHLETIC FIELD	1,108	94	1,202
12	SETON FALLS PARK	1,424		1,424
12	EDENWALD PLAYGROUND	1,753	78	1,831

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Independent Budget Office

Croton Filtration Plant Mitigation and Amenities

Projects Managed by Department of Parks & Recreation

COMMUNITY BOARD	2000-2011 COMMITTED	2012 PLANNED	2000-2012 TOTAL
Van Cortlandt Park (7/8/12)	*$32,497,855*	*$5,038,000*	*$37,535,855*
1	$3,130,693		$3,130,693
2	3,603,144	681,000	$4,284,144
3	9,591,875	1,271,000	$10,862,875
4	10,067,058	1,707,000	$11,774,058
5	6,199,029	1,880,000	$8,079,029
6	7,898,740	1,000	$7,899,740
7	37,619,515	8,129,000	$45,748,515
8	476,282	2,522,000	$2,998,282
9	13,886,570	14,253,000	$28,139,570
10	10,171,486	176,000	$10,347,486
11	2,419,280	4,236,000	$6,655,280
12	9,124,050	4,950,000	$14,074,050
10/12	5,191,207		$5,191,207
Boroughwide	9,507,367	2,858,000	$12,365,367
TOTAL PARKS	**$161,384,150**	**$47,702,000**	**$209,086,150**

SOURCES: IBO, Department of Parks and Recreation. Committed and planned data retrieved from the NYC Financial Management System (FMS) on 09/26/2011 and 09/21/2011, respectively.

NOTES: Figures include Interfund Agreement (IFA) which represents expense budget spending related to a capital project that is funded from capital financing sources. Projects were assigned to community boards based on data entered into FMS by Parks department staff, and where missing, by IBO.

Independent Budget Office
Croton Filtration Plant Mitigation and Amenities
Projects Managed by Department of Parks & Recreation
(dollars in thousands)

Table continued from prior page

COMMUNITY BOARD	PROJECT DESCRIPTION	2000-2011 COMMITTED	2012 PLANNED	2000-2012 TOTAL
Boroughwide	TOPOGRAPHIC SURVEYS FOR THREE CROTON SITES		27	27
Boroughwide	RECONSTRUCTION OF MEZZANINE INTERIOR AT BATH HOUSE	35	965	1,000
Boroughwide	MULTI-SITE SYNTHETIC TURF BALLFIELDS & ADJACENT SITEWORK (CROTON)	8,469	91	8,560
Boroughwide	CROTON MULTI-SITE PLAYGROUNDS	454	1,760	2,214
Boroughwide	CROTON - BRONX TREE PLANTING	349	15	364
Boroughwide	GREENSTREETS - CITYWIDE	100		100
Boroughwide	TREE PLANTING - BRONX	100		100
	TOTAL PARKS	**$161,384**	**$47,702**	**$209,086**

SOURCES: IBO, Department of Parks and Recreation. Committed and planned data retrieved from the NYC Financial Management System (FMS) on 09/26/2011 and 09/21/2011, respectively.

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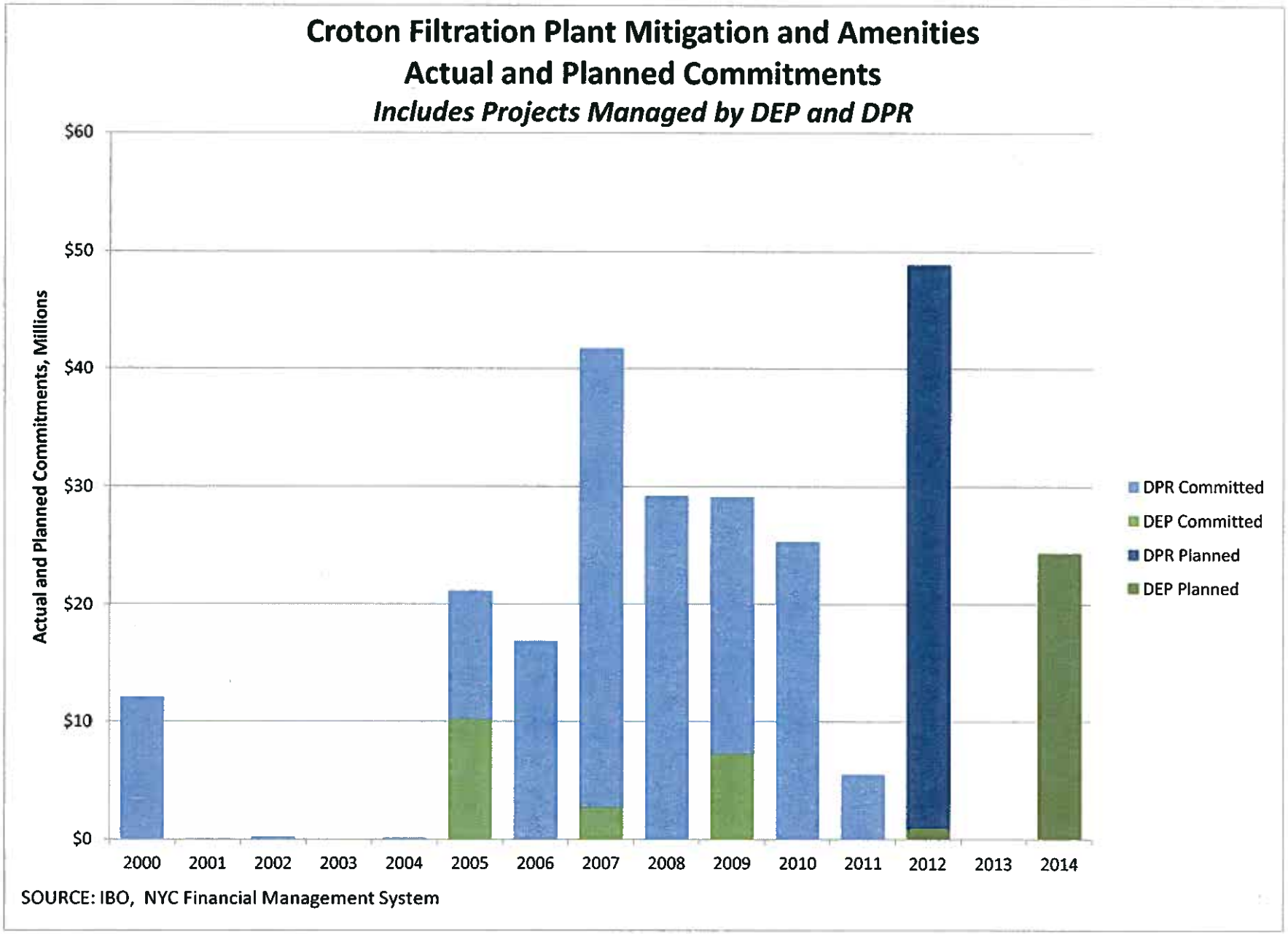
Independent Budget Office



Independent Budget Office

Croton Filtration Plant Budget Summary

Attachment 4

Reference	Description of Work	A Committed/ Current Contract Amount as of 10/28/2011	B 2012-2015 Planned (excl. registrations in FY2012 reflected in Column A)	A+B Projected Total Since Inception
CRO-311	WTP Site Preparation	$113,214,786		$113,214,786
CRO-312G	WTP Construction - General	$1,432,386,745	$22,159,126	$1,454,545,871
CRO-312E1	WTP Construction - Low Voltage Electrical	$156,268,845	$994,908	$157,263,753
CRO-312E2	WTP Construction - High Voltage Electrical	$45,282,643		$45,282,643
CRO-312H	WTP Construction - HVAC	$127,687,306		$127,687,306
CRO-312P	WTP Construction - Plumbing	$70,300,303	$969,725	$71,270,028
CRO-313	Water Conveyance & Connecting Tunnels	$211,881,822		$211,881,822
	Subtotal, Filtration Plant Construction Costs	**$2,157,022,450**	**$24,123,760**	**$2,181,146,210**
CRO-312OS-G	Off-site Facility - General	$119,109,807		$119,109,807
CRO-312OS-E	Off-site Facility - Electrical	$16,872,167	$7,973,204	$24,845,371
CRO-312OS-H	Off-site Facility - HVAC	$843,376	$525	$843,901
CRO-312OS-P	Off-site Facility - Plumbing	$1,035,133	$32	$1,035,165
	Subtotal, Off-site Facility	**$137,860,482**	**$7,973,761**	**$145,834,243**
CRO-312FM	Original Force Main Route to the Hunts Point Plant *(Project has been cancelled. Once contract is closed, committed amount will be revised.)*	$31,146,270		$31,146,270
	Subtotal Force Main	**$31,146,270**		**$31,146,270**
HED-543 DES	WTP Design	$266,408,648		$266,408,648
HED-545CM	WTP Construction Management	$96,336,305	$48,095,000	$144,431,305
CRO-312CE	Con Edison Payment	$4,075,000		$4,075,000
CRO-310	Traffic Improvements	$1,111,973	-$1,112,000	-$27
HED-CLUB	Club Reconstruction		$52,000,000	$52,000,000
HED-545/ FIRST TEE	Payments to First Tee (Parks Golf Course Concessionaire)	$12,608,317	$222,717	$12,831,034
826 BRONX-HS	Bronx Science HS Air Conditioners	$525,000		$525,000
826 CRO-186	Construction of the New Croton Lake Gatehouse, Westchester County	$12,987,691		$12,987,691
826 PROCSS-99	Croton Watershed Process Studies	$8,668,885		$8,668,885
801 PUTNAMROW	Putnam Rail Road - Right of Way (Agency 801)	$176,700		$176,700
	OMB Value Engineering (Agency 002)	$1,242,988		$1,242,988
	Active contracts in 1999 (FY2000) that were moved from IFMS to FMS with a "CONVERTED" project ID.	$124,623,873		$124,623,873
	Subtotal Plant Design and Construction Management	**$528,765,381**	**$99,205,717**	**$627,971,098**
	IFA Croton Filtration Plant	$15,170,506	$13,000,000	$28,170,506
	Total Croton Filtration Plant Construction	**$2,869,965,089**	**$144,303,238**	**$3,014,268,326**

Table continued on next page

Independent Budget Office
Croton Filtration Plant Budget Summary

Reference	Description of Work	A Committed/ Current Contract Amount as of 10/28/2011	B 2012-2015 Planned (excl. registrations in FY2012 reflected in Column A)	A+B Projected Total Since Inception
	From first page of table			
	Total Croton Filtration Plant Construction	***$2,869,965,089***	***$144,303,238***	***$3,014,268,326***
New Croton Aqueduct (NCA) Construction Costs				
CRO-333	NCA Investigation & Baseline Rehabilitation	$32,179,110		$32,179,110
CRO-334-G	NCA Rehabilitation-General	$106,091,848	$7,543,800	$113,635,648
CRO-334-E	NCA Rehabilitation-Electrical	$1,372,975	$300	$1,373,275
CRO-334CM	Supervision for NCA Rehabilitation	$5,952,446	$2,162,000	$8,114,446
CRO-315G	Demo & Modifications of Structures-General	$3,655,894		$3,655,894
CRO-315E	Demo & Modifications of Structures-Electrical	$953,117		$953,117
CRO-477	Emergency Declaration	$4,303,126	$13,200,000	$17,503,126
	Subtotal New Croton Aqueduct Construction	**$154,508,516**	**$22,906,100**	**$177,414,616**
	IFA New Croton Aqueduct	$1,800,000	$2,000,000	$3,800,000
	Total New Croton Aqueduct Construction	**$156,308,516**	**$24,906,100**	**$181,214,616**
Mitigation & Amenities (all lines include IFA)				
826 CLEMENTE	Reconstruction of Roberto Clemente Park (excl. $10 m in State Funds)	$10,250,000		$10,250,000
826 CRO-M&A	Mitigation & Amenities (Original ULURP)		$25,386,000	$25,386,000
826 GREEN-BX	Tree Planting in the Bronx	$10,000,000		$10,000,000
	Mitigation Parks Projects	$161,384,150	$47,702,000	$209,086,150
	Total Capital Mitigation & Amenities (incl. IFA)	**$181,634,150**	**$73,088,000**	**$254,722,150**
	Croton Forestry Management (Expense Budget)	$8,170,076	*annual transfer*	$8,170,076
	Total Expense Mitigation & Amenities	**$8,170,076**		**$8,170,076**
	TOTAL Croton Filtration Plant (incl. Construction, Mitigation & Amenities, NCA, and IFA)	**$3,216,077,831**	**$242,297,338**	**$3,458,375,169**

SOURCE: IBO, NYC Financial Management System, Department of Environmental Protection. Planned commitments by capital project ID retrieved from NYC Financial Management System on 09/21/2011.

NOTES: IFA, an Interfund Agreement, represents expense budget spending related to a capital project that is funded from capital financing sources. The City typically does not include IFA spending in the capital budget. IBO includes it to represent the full cost of the project. IFA is not shown separately for Mitigation and Amenities projects.

While DEP currently plans to spend $12,831,034 in total on HED-545/First Tee, the contract is registered for $18,825,101 in payments to the golf course concessionaire.

Certain figures were provided by DEP: The committed amount for CRO-186, $12,987,691, was provided by DEP and includes funds committed prior to 2000 that are not reflected in the current FMS 2 system, which reflects $454,000 in commitments for this project. DEP provided the committed and planned amounts for CRO-333, OMB Value Engineering, "Converted Projects," and the contract-level planned amounts for WTP construction.

Independent Budget Office

Croton Filtration Plant Mitigation and Amenities

Projects Managed by Department of Parks & Recreation

COMMUNITY BOARD	2000-2011 COMMITTED	2012 PLANNED	2000-2012 TOTAL
Van Cortlandt Park (7/8/12)	*$32,497,855*	*$5,038,000*	*$37,535,855*
1	$3,130,693		$3,130,693
2	3,603,144	681,000	$4,284,144
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11	2,419,280	4,236,000	$6,655,280
12	9,124,050	4,950,000	$14,074,050
10/12	5,191,207		$5,191,207
Boroughwide	9,507,367	2,858,000	$12,365,367
TOTAL PARKS	**$161,384,150**	**$47,702,000**	**$209,086,150**

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Independent Budget Office
Croton Filtration Plant Mitigation and Amenities
Projects Managed by Department of Parks & Recreation
(dollars in thousands)

COMMUNITY BOARD	PROJECT DESCRIPTION	2000-2011 COMMITTED	2012 PLANNED	2000-2012 TOTAL
7/8/12	**VAN CORTLANDT PARK TOTAL**	**$32,498**	**$5,038**	**$37,536**
7	*VAN CORTLANDT PLAYGROUND AND COMFORT STATION (SACHKERAH WOODS)*	*2,694*		*2,694*
7/8	*GOLF COURSE IRRIGATION - BRONX*	*12,499*		*12,499*
8	*VAN CORTLANDT PARK - RECONSTRUCT HEADHOUSE & DEMOLISH GREENHOUSE*	*342*	*2,110*	*2,452*
8	*VAN CORTLANDT PARK NURSERY*	*802*	*01*	*803*
8	*VAN CORTLANDT PARK: DISTRICT HEADQUARTERS AND COMFORT STATION*	*1,450*	*101*	*1,551*
8	*VAN CORTLANDT PARK: PARADE GROUNDS*	*12,392*	*469*	*12,861*
8	*VAN CORTLANDT PARK: OLD CROTON AQUEDUCT TRAIL*	*887*		*887*
8	*VAN CORTLANDT PARK: OLD CROTON AQUEDUCT TRAIL PHASE II*		*2,253*	*2,253*
8	*SIGNAGE FROM VAN CORTLANDT TO BRYANT PARK*		*50*	*50*
8/12	*SHANDLER RECREATION AREA*	*1,432*	*54*	*1,486*
1	MELROSE PLAYGROUND	1,513		1,513
1	CLARK PLAYGROUND	1,618		1,618
2	BRONX RIVER - CONCRETE PLANT PARK	592		592
2	PUGSLEY CREEK - FIELD OF DREAMS BALLFIELDS & SITEWORK	1,217	681	1,898
2	MANIDA PARK - PRIME BALLFIELD	1,794		1,794
3	CROTONA PARK	7,997	1,065	9,062
3	HINES PARK - RECONSTRUCTION OF RETAINING WALL	481	206	687
3	FULTON(DREW) PLAYGROUND - PHASE II	1,113		1,113
4	MULLALY PARK	6,513	860	7,373
4	GRANT PARK	3,554	847	4,401
5	REGATTA PARK- WASHINGTON BRIDGE PARK	149		149
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Independent Budget Office
Croton Filtration Plant Mitigation and Amenities
Projects Managed by Department of Parks & Recreation
(dollars in thousands)

Table continued from prior page

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Boroughwide	CROTON - BRONX TREE PLANTING	349	15	364
Boroughwide	GREENSTREETS - CITYWIDE	100		100
Boroughwide	TREE PLANTING - BRONX	100		100
	TOTAL PARKS	**$161,384**	**$47,702**	**$209,086**

SOURCES: IBO, Department of Parks and Recreation. Committed and planned data retrieved from the NYC Financial Management System (FMS) on 09/26/2011 and 09/21/2011, respectively.

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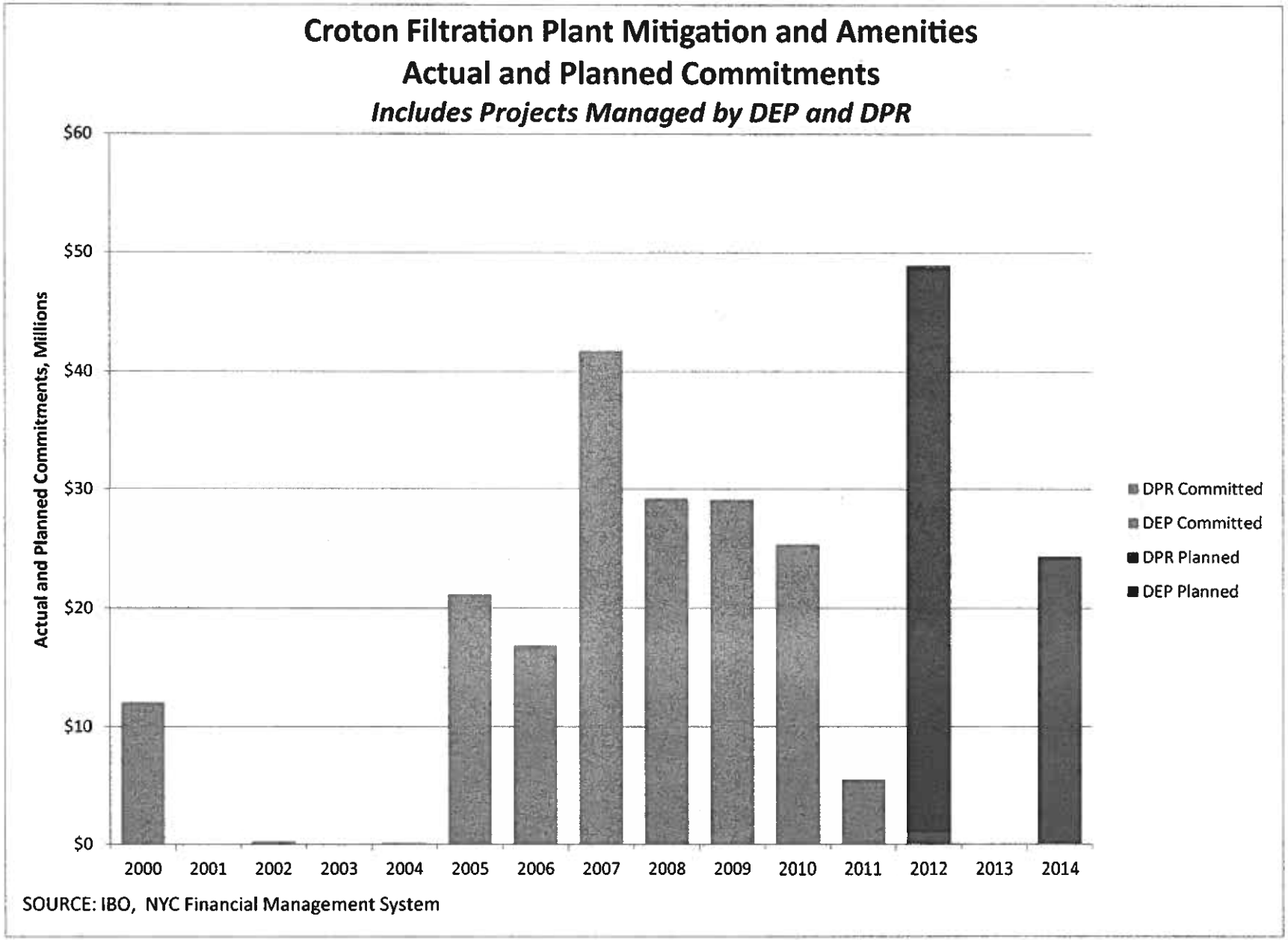

Independent Budget Office

Croton Filtration Plant Mitigation & Amenities Projects

Projects Managed by Department of Environmental Protection

Capital Project ID	Project Description	2000-2011 Committed	2012 Planned	Total Since Inception
CLEMENTE	INPROVEMENTS TO ROBERTO CLEMENTE STATE PARK (inc IFA)	$10,250,000	$0	$10,250,000
GREEN-BX	GREENING THE BRONX, MITIGATION & AMENITIES, BRONX PARKS	10,000,000	0	10,000,000
	Subtotal DEP Managed Projects	**$20,250,000**	$0	**$20,250,000**

Projects Managed by Department of Parks and Recreation

Capital Project ID	Project Description	2000-2011 Committed	2012 Planned	Total Since Inception
P-1CROT01	BRONX RIVER GREENWAY : RIVER PK X002-105M	$1,597,087	$0	$1,597,087
P-1CROT02	BRONX RIVER GNWAY: BIRCHALL/180TH ST CONNECTION X002-107M	399,961	2,985,000	3,384,961
P-1CROT03	SOUNDVIEW TO FERRY POINT GREENWAY XG-1105M	3,100,969	-	3,100,969
P-102CEME	BRONX RIVER-CONCRETE PLANT PARK - XG-31700-201M, 205M	592,000	-	592,000
P-1CROT05	PUTNAM TRAIL: AQUISITION OF RIGHT OF WAY		516,000	516,000
P-1CROT06	BRONX RIVER GREENWAY: MULTI USE PATH 233 ST X004-106M	340,029	2,584,000	2,924,029
P-1CROT07	HUTCHINSON RIVER GREENWAY X101-107M	365,998	1,947,000	2,312,998
P-1SOUARM	SOUNDVIEW SALT MARSH RESTORE W/ARMY CORPS X118-610M	2,195,000	-	2,195,000
P-1CROT09	PELHAM BAY PARK: WATERFRONT DEVELOPMENT	60,000	6,165,000	6,225,000
P-1CROT10	REGATTA PARK- WASHINGTON BRIDGE PARK RC X094-106M	148,948	-	148,948
P-1CROT11	REGATTA PARK: WATERFRONT ACCESS TN-08X-07	86,000	97,000	183,000
P-1CROT12	PUGSLEY CREEK SALT MARSH & BUFFER RESTOR X088-506M&106M OMBP	643,655	256,000	899,655
P-1CROT13	VC PK- RECON HEADHOUSE & DEMOLISH GREENHOUSE X092-207M	341,745	2,110,000	2,451,745
P-1CRO13A	VAN CORTLANDT PARK NURSERY X092/607M	802,280	1,000	803,280
P-1CROT14	AQUEDUCT WALK - COMF. STATION X001-207M/507M	157,172	1,452,000	1,609,172
P-1CROT16	BRONX RIVER GRWAY RIVER HOUSE IN STARLIGHT PK X147-107M/407M	1,153,628	5,608,000	6,761,628
P-1CROT17	WILLIAMSBRIDGE OVAL PK-SYNTHETIC TURF & TRACK X104-306M	4,215,264	786,000	5,001,264
P-1CRO17A	WILLIAMSBRIDGE OVAL PARK -RECR BLDG X104-207M/507M	3,673,867	1,000	3,674,867
P-1CRO17B	WILLIAMSBRIDGE OVAL PLGD 1 & 3 AND SPRAY PLAZA X104-107MA	5,775,077	325,000	6,100,077
P-1CROT18	FERRY POINT PARK - PHASE I X126-107M	4,279,690	170,000	4,449,690
P-1CROT19	HARRIS PARK ATHLETIC FIELDS X136-106M	14,222,470	2,117,000	16,339,470
P-1CROT20	ORCHARD BEACH: PORTIONS OF BATHHOUSE X039-107M	774,798	34,000	808,798
P-1CRO20A	ORCHARD BEACH SCAFFOLDING X039-309M-OMBP	46,800	-	46,800
P-1CROT21	PELHAM BAY PARK: BRIDLE TRAILS X039-607M	830,670	129,000	959,670
P-1CROT22	VAN CORTLANDT PK: ALLEN SHANDLER RECREATION AREA X092-707M	1,351,936	54,000	1,405,936
P-1CROT23	VAN CORTLANDT PK: DISTRICT HQS & COMF STAT X092-106M	1,450,079	101,000	1,551,079
P-1CROT24	VAN CORTLANDT PK: PARADE GROUNDS X092-107M	12,391,595	469,000	12,860,595
P-1CROT25	CROTONA PARK: C/S AND OPERATIONS FACILITY X010-306M	238,000	212,000	450,000
P-1CROT27	BRONX PARK: 219TH STREET ENTRANCE X004-107M	409,234	84,000	493,234
P-1CROT28	JEROME PARK RESERVOIR-RECREATIONAL PATHWAY XG-20000-107M	476,282	2,006,000	2,482,282
P-1CROT30	SOUNDVIEW PARK: NATURAL AMPHITHEATER X118-107M	127,500	706,000	833,500
P-1CROT31	AQUEDUCT LANDS: BASKETBALL CTS & PLGD X001-105M	2,019,401	127,000	2,146,401
P-1CROT32	AQUEDUCT WALK X001-107M	445,141	4,735,000	5,180,141
P-1CROT36	PELHAM PARKWAY MALLS X003-107M	163,446	1,250,000	1,413,446
P-1CROT37	CROTONA PARK: NATURAL AMPHITHEATER X010-107M	1,906,746	478,000	2,384,746

P-1CROT38	CROTONA PARK: LAKE RESTORATION X010-706M	5,226,417	1,000	5,227,417

Projects Managed by Department of Parks and Recreation *(continued)*

Capital Project ID	Project Description	2000-2011 Committed	2012 Planned	Total Since Inception
P-1CROT41	MELROSE PLAYGROUND X154-106M	$1,512,792	$0	$1,512,792
P-1CROT42	STORY PLAYGROUND RC OF P. S. 100 X204-106M	5,917,168	74,000	5,991,168
P-1CRO42A	STORY PLGD COMFORT STATION X204-105MA1/405M	639,650	358,000	997,650
P-1CROT44	PUGSLEY CREEK - FIELD OF DREAMS BFLDS & SITEWORK X088-207M	1,217,387	681,000	1,898,387
P-1CROT45	PUGSLEY CREEK PK - Construct basketball court X088-111M	49,000	1,086,000	1,135,000
P-1CROT46	HINES PARK - RECONST OF RETAINING WALL X026-107M	481,409	206,000	687,409
P-1CROT47	OWEN DOLEN GOLDEN RECREATION CENTER X016-107M	1,134,733	-	1,134,733
P-1CROT48	CLARK PLAYGROUND RC X200-105M	1,617,901	-	1,617,901
P-1CROT49	MULLALY PARK - NORTH SECTION X034-107M	1,636,055	-	1,636,055
P-1CROT50	MANIDA PARK - PRIME BALLFIELD X260-105M	1,793,758	-	1,793,758
P-1CROT51	SEDGWICK PLAYGROUND X158-106M	1,909,478	8,000	1,917,478
P-1CROT52	DEVOE PARK -PLAYGROUND & MISCELL AREAS X013-105M	2,711,373	-	2,711,373
P-1CROT53	MOUNT HOPE PLAYGROUND X257-105M	1,964,031	293,000	2,257,031
P-1CROT54	ST. JAMES PARK - STEPS, WALLS AND PAVEMENTS X044-106M	2,041,594	24,000	2,065,594
P-1CRO54A	ST. JAMES PARK - INTERIOR SECTION X044-106M	2,525,455	-	2,525,455
P-1CRO54B	ST. JAMES PARK - PERIMETER SECTION X044-206M	1,045,000	-	1,045,000
P-1CROT55	WEBSTER PLAYGROUND RC X174-105M	1,860,987	-	1,860,987
P-1CROT56	GRANT PARK CONST OF NE PORTION- X271-102M	1,310,278	-	1,310,278
P-1CROT57	AMBROSINI PLAYGROUND AND BALLFIELD RC X253-105M	2,114,776	-	2,114,776
P-1CROT58	CAMPANARO PLAYGROUND	1,855,873	1,000	1,856,873
P-1CROT59	FULTON(DREW) PLAYGROUND - PHASE II X021-107M	1,113,073	-	1,113,073
P-1CROT60	HAFFEN PARK RC OF ATHLETIC FIELD X196-105M	1,107,721	94,000	1,201,721
P-1CROT61	SETON FALLS PARK X046-105M	1,423,831	-	1,423,831
P-1CROT62	EDENWALD PLAYGROUND X165-105M	1,752,969	78,000	1,830,969
P-1CROT63	TREMONT PARK X010-806M	3,955,666	1,000	3,956,666
P-1CROT64	DEVOE PK RC OF COMFORT STATION X013-106M/406M	878,275	44,000	922,275
P-1CROT65	TOPOGRAPHIC SURVEYS FOR THREE CROTON SITES XG-107M OMBP		27,000	27,000
P-1CROT66	FERRY POINT PK - COMFORT STATION X126-106M	2,142,288	6,000	2,148,288
P-1CROT67	MULLALY PARK - SOUTH SECTION X034-106M	4,606,660	-	4,606,660
P-1CROT68	MULLALY PARK - SKATE BUILDING X034-207M	270,413	860,000	1,130,413
P-1CROT69	GRANT AVE PARK - RETAINING WALLS X271-106M	2,243,653	847,000	3,090,653
P-1CROT71	RECONS. OF MEZZANINE INTERIOR AT BATH HOUSE X010-308MA	34,768	965,000	999,768
P-1CROT72	SYNTHETIC FIELD AT CROTONA PARK X010-109M	626,230	374,000	1,000,230
P-1CROTOA	CROTON - PELHAM BAY PK & DREW PLGD(PHASE I) XG-905M	5,191,207	-	5,191,207
P-1CROTOB	MULTI-SITE-SYNTH TURF B/FLDS & ADJ SITEWORK(CROTON) XG-506M	8,469,404	91,000	8,560,404
P-1CROTOC	CROTON MULTI-SITE PLGDS XG-	454,257	1,760,000	2,214,257
P-1ORCHB	Orchard Beach Erosion Ctrl & Beach Restoration X039-110M	2,072,000	-	2,072,000
P-110PBPS	PELHAM BAY PARK - NATURE CENTER X039-106M	500,000	-	500,000
P-1BCSEL1	BRONX - ELEC OFFICIALS BLDG REQ - ELEC XG-208M	29,000	-	29,000
P-1BCSGC1	BRONX - ELEC OFFICIALS BLDG REQ - GC XG-108M	300,000	-	300,000
P-1BCSHV1	BRONX - ELEC OFFICIALS BLDG REQ - HVAC XG-408M	41,000	-	41,000
P-1BCSPL1	BRONX - ELEC OFFICIALS BLDG REQ - PLMB XG-308M	115,000	-	115,000
	Subtotal MOU Projects	**$144,674,994**	**$45,384,000**	**$190,058,994**

Independent Budget Office

Croton Filtration Plant Mitigation & Amenities Projects

ULURP Parks Projects

Capital Project ID	Project Description	2000-2011 Committed	2012 Planned	Total Since Inception
P-1CROUL1	VAN CORT PLGD & COMF. STAT(SACHKERAH WOODS) X092-400MA/700MA	$2,694,379	$0	$2,694,379
P-1CROUL3	VAN CORTLANDT PARK: OLD CROTON AQUEDUCT TRAIL	886,717	-	886,717
P-1CROUL5	CROTON - BRONX TREE PLANTING XG-1005M	348,937	15,000	363,937
P-1CROUL6	VAN CORTLANDT PARK: OLD CROTON AQUEDUCT TRAIL PHASE II		2,253,000	2,253,000
P-1CROUL7	SIGNAGE FROM VAN CORTLANDT TO BRYANT PARK CNYG-1008M		50,000	50,000
P-1IRRIG	GOLF COURSE IRRIGATION - BRONX XG-200M	12,499,288	-	12,499,288
P-1SHANDL	SHANDLER RECREATION AREA X092-101M	79,836	-	79,836
P-6ETREES	GREENSTREETS - CITYWIDE CNYG-1505M	100,000	-	100,000
P-1BTREES	TREE PLANTING - BRONX XG-505M	100,000	-	100,000
	Subtotal ULURP Projects	**$16,709,157**	**2,318,000**	**$19,027,157**

Parks Department Managed Mitigation and Amenities	**$161,384,150**	**$47,702,000**	**$209,086,150**

Total Croton Mitigation & Amenities	**$181,634,150**	**$47,702,000**	**$229,336,150**

SOURCES: IBO, Department of Parks and Recreation. Committed and planned data retrieved from the NYC Financial Management System (FMS) on 09/26/2011 and 09/21/2011, respectively.

NOTE: All figures include Interfund Agreement (IFA) which represents expense budget spending related to a capital project that is funded from capital financing sources.

Independent Budget Office

Croton Filtration Plant Mitigation & Amenities Projects

2004 Memorandum of Understanding

Projects Managed by Department of Environmental Protection

Reference (Capital Project ID)	Project Description	2000-2011 Committed (inc IFA)	Planned 2012 (inc IFA)	Total Since Inception (inc IFA)	2004 MOU List	Difference (Positive=Spending More than MOU, Negative=Spending Less than MOU)
CLEMENTE	INPROVEMENTS TO ROBERTO CLEMENTE STATE PARK (inc IFA)	$10,250,000	$0	$10,250,000	$10,000,000	250,000
GREEN-BX	GREENING THE BRONX, MITIGATION & AMENITIES, BRONX PARKS	10,000,000	0	10,000,000	10,000,000	0
	Subtotal DEP Managed Projects	**$20,250,000**	$0	**$20,250,000**	**$20,000,000**	250,000

Projects Managed by Department of Parks and Recreation

In order to compare the MOU to current projects, some projects were combined (highlighted in green). The combined projects have the same number meaning they represent the same item in the MOU (ie P-1CROT13 and P-1CROT13A would be summed). This table is intended to facilitate comparison with the MOU, which listed eligible projects totaling $219 million, rather than the specific set of projects that the Parks department was expected to undertake for $200 million.

Reference (Capital Project ID)	Project Description	2000-2011 Committed (inc IFA)	Planned 2012 (inc IFA)	Total Since Inception (inc IFA)	2004 MOU List	Difference (Positive=Spending More than MOU, Negative=Spending Less than MOU)
P-1CROT01	BRONX RIVER GREENWAY : RIVER PK X002-105M	1,597,087	-	1,597,087	$1,000,000	597,087
P-1CROT02	BRONX RIVER GNWAY: BIRCHALL/180TH ST CONNECTION X002-107M	399,961	2,985,000	3,384,961	$3,500,000	(115,039)
P-1CROT03	SOUNDVIEW TO FERRY POINT GREENWAY XG-1105M	3,100,969	-	3,100,969	$3,000,000	100,969
P-102CEME	BRONX RIVER-CONCRETE PLANT PARK - XG-31700-201M, 205M *(replacement for P-1CROT04)*	592,000	-	592,000	$5,000,000	(4,408,000)
P-1CROT05	PUTNAM TRAIL: AQUISITION OF RIGHT OF WAY		516,000	516,000	$1,000,000	(484,000)
P-1CROT06	BRONX RIVER GREENWAY: MULTI USE PATH 233 ST X004-106M	340,029	2,584,000	2,924,029	$5,000,000	(2,075,971)
P-1CROT07	HUTCHINSON RIVER GREENWAY X101-107M	365,998	1,947,000	2,312,998	$2,500,000	(187,002)
P-1SOUARM	SOUNDVIEW SALT MARSH RESTORE W/ARMY CORPS X118-610M *(replacement for P-1CROT08)*	2,195,000	-	2,195,000	$2,466,200	(271,200)
P-1CROT09	PELHAM BAY PARK: WATERFRONT DEVELOPMENT	60,000	6,165,000	6,225,000	$8,000,000	(1,775,000)
P-1CROT10	REGATTA PARK- WASHINGTON BRIDGE PARK RC X094-106M	148,948	-	148,948	$350,000	(201,052)
P-1CROT11	REGATTA PARK: WATERFRONT ACCESS TN-08X-07	86,000	97,000	183,000	$1,800,000	(1,617,000)
P-1CROT12	PUGSLEY CREEK SALT MARSH & BUFFER RESTOR X088-506M&106M OMBP	643,655	256,000	899,655	$850,000	49,655
P-1CROT13	P-1CROT13: VC PK- RECON HEADHOUSE & DEMOLISH GREENHOUSE X092-207M AND P-1CROT13A: VAN CORTLANDT PARK NURSERY X092/607M	1,144,025	2,111,000	3,255,025	$3,000,000	255,025

Independent Budget Office

Projects Managed by Department of Parks and Recreation

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Reference (Capital Project ID)	Project Description	2000-2011 Committed (inc IFA)	Planned 2012 (inc IFA)	Total Since Inception (inc IFA)	2004 MOU List	Difference (Positive=Spending More than MOU, Negative=Spending Less than MOU)
P-1CROT14	AQUEDUCT WALK - COMF. STATION X001-207M/507M	157,172	1,452,000	1,609,172	$1,800,000	(190,828)
15	Macombs Dam Park: Track Soccer & Ballfields	0	0	0	$6,000,000	(6,000,000)
P-1CROT16	BRONX RIVER GRWAY RIVER HOUSE IN STARLIGHT PK X147-107M/407M	1,153,628	5,608,000	6,761,628	$5,000,000	1,761,628
P-1CROT17	P-1CROT17: WILLIAMSBRIDGE OVAL PK-SYNTHETIC TURF & TRACK X104-306M AND P-1CROT17A: WILLIAMSBRIDGE OVAL PARK -RECR BLDG X104-207M/507M AND P-1CROT17B: WILLIAMSBRIDGE OVAL PLGD 1 & 3 AND SPRAY PLAZA X104-107MA	13,664,208	1,112,000	14,776,208	$15,000,000	(223,792)
P-1CROT18	FERRY POINT PARK - PHASE I X126-107M (see P-1CROT66)	4,279,690	170,000	4,449,690	$6,600,000	(2,150,310)
P-1CROT19	HARRIS PARK ATHLETIC FIELDS X136-106M	14,222,470	2,117,000	16,339,470	$9,860,000	6,479,470
P1-CROT20	P-1CROT20: ORCHARD BEACH: PORTIONS OF BATHHOUSE X039-107M AND P-1CROT20A: ORCHARD BEACH SCAFFOLDING X039-309M-OMBP (see P-1ORCHB)	821,598	34,000	855,598	$7,000,000	(6,144,402)
P-1CROT21	PELHAM BAY PARK: BRIDLE TRAILS X039-607M	830,670	129,000	959,670	$1,000,000	(40,330)
P-1CROT22	VAN CORTLANDT PK: ALLEN SHANDLER RECREATION AREA X092-707M	1,351,936	54,000	1,405,936	$1,300,000	105,936
P-1CROT23	VAN CORTLANDT PK: DISTRICT HQS & COMF STAT X092-106M	1,450,079	101,000	1,551,079	$1,500,000	51,079
P-1CROT24	VAN CORTLANDT PK: PARADE GROUNDS X092-107M	12,391,595	469,000	12,860,595	$16,500,000	(3,639,405)
P-1CROT25	CROTONA PARK: C/S AND OPERATIONS FACILITY X010-306M	238,000	212,000	450,000	$2,500,000	(2,050,000)
26	Bronx Park Solomine Ballfield	0	0	0	$3,000,000	(3,000,000)
P-1CROT27	BRONX PARK: 219TH STREET ENTRANCE X004-107M	409,234	84,000	493,234	$400,000	93,234
P-1CROT28	JEROME PARK RESERVOIR-RECREATIONAL PATHWAY XG-20000-107M	476,282	2,006,000	2,482,282	$5,000,000	(2,517,718)
29	Soundview Park	0	0	0	$4,000,000	(4,000,000)
P-1CROT30	SOUNDVIEW PARK: NATURAL AMPHITHEATER X118-107M	127,500	706,000	833,500	$875,000	(41,500)
P-1CROT31	AQUEDUCT LANDS: BASKETBALL CTS & PLGD X001-105M	2,019,401	127,000	2,146,401	$2,000,000	146,401
P-1CROT32	AQUEDUCT WALK X001-107M	445,141	4,735,000	5,180,141	$7,000,000	(1,819,859)
33	Pelham Bay Park: Middletown Road perimeter (see P-1CROTOA?)	0	0	0	$1,500,000	(1,500,000)
34	Pelham Bay Park: Picnic areas (see P-1CROTOA?)	0	0	0	$1,000,000	(1,000,000)
35	Pelham Bay Park: Tennis Courts (see P-1CROTOA?)	0	0	0	$2,225,000	(2,225,000)
P-1CROT36	PELHAM PARKWAY MALLS X003-107M	163,446	1,250,000	1,413,446	$1,500,000	(86,554)

Independent Budget Office

Projects Managed by Department of Parks and Recreation

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Reference (Capital Project ID)	Project Description	2000-2011 Committed (inc IFA)	Planned 2012 (inc IFA)	Total Since Inception (inc IFA)	2004 MOU List	Difference (Positive=Spending More than MOU, Negative=Spending Less than MOU)
P-1CROT37	CROTONA PARK: NATURAL AMPHITHEATER X010-107M	1,906,746	478,000	2,384,746	$2,500,000	(115,254)
P-1CROT38	CROTONA PARK: LAKE RESTORATION X010-706M	5,226,417	1,000	5,227,417	$4,900,000	327,417
39	Roberto Clemente *(NOT MANAGED BY PARKS DEPARTMENT)*	-	-	-	$0	0
40	Bronx Park Soccer Field and Skate Park	0	0	0	$1,500,000	(1,500,000)
P-1CROT41	MELROSE PLAYGROUND X154-106M	1,512,792	-	1,512,792	$1,500,000	12,792
P-1CROT42	P-1CROT42: STORY PLAYGROUND RC OF P. S. 100 X204-106M AND P-1CROT42A: STORY PLGD COMFORT STATION X204-105MA1/405M	6,556,818	432,000	6,988,818	$7,300,000	(311,182)
43	Saturn Playground	0	0	0	$375,000	(375,000)
P-1CROT44	PUGSLEY CREEK - FIELD OF DREAMS BFLDS & SITEWORK X088-207M	1,217,387	681,000	1,898,387	$2,200,000	(301,613)
P-1CROT45	PUGSLEY CREEK PK - Construct basketball court X088-111M	49,000	1,086,000	1,135,000	$1,200,000	(65,000)
P-1CROT46	HINES PARK - RECONST OF RETAINING WALL X026-107M	481,409	206,000	687,409	$700,000	(12,591)
P-1CROT47	OWEN DOLEN GOLDEN RECREATION CENTER X016-107M	1,134,733	-	1,134,733	$1,000,000	134,733
P-1CROT48	CLARK PLAYGROUND RC X200-105M	1,617,901	-	1,617,901	$1,500,000	117,901
P-1CROT49	MULLALY PARK - NORTH SECTION (see P-1CROT67 and 68)	1,636,055	-	1,636,055	$1,500,000	136,055
P-1CROT50	MANIDA PARK - PRIME BALLFIELD X260-105M	1,793,758	-	1,793,758	$1,018,800	774,958
P-1CROT51	SEDGWICK PLAYGROUND X158-106M	1,909,478	8,000	1,917,478	$1,800,000	117,478
P-1CROT52	DEVOE PARK -PLAYGROUND & MISCELL AREAS (see P-1CROT64)	2,711,373	-	2,711,373	$3,000,000	(288,627)
P-1CROT53	MOUNT HOPE PLAYGROUND X257-105M	1,964,031	293,000	2,257,031	$2,000,000	257,031
P-1CROT54	P-1CROT54: ST. JAMES PARK - STEPS, WALLS AND PAVEMENTS X044-106M AND P-1CROT54A: ST. JAMES PARK - INTERIOR SECTION X044-106M AND P-1CROT54B: ST. JAMES PARK - PERIMETER SECTION X044-206M	5,612,049	24,000	5,636,049	$5,000,000	636,049
P-1CROT55	WEBSTER PLAYGROUND RC X174-105M	1,860,987	-	1,860,987	$1,600,000	260,987
P-1CROT56	GRANT PARK CONST OF NE PORTION- X271-102M (see P-1CROT69)	1,310,278	-	1,310,278	$3,490,000	(2,179,722)
P-1CROT57	AMBROSINI PLAYGROUND AND BALLFIELD RC X253-105M	2,114,776	-	2,114,776	$2,000,000	114,776
P-1CROT58	CAMPANARO PLAYGROUND	1,855,873	1,000	1,856,873	$1,950,000	(93,127)
P-1CROT59	FULTON(DREW) PLAYGROUND - PHASE II (see P-1CROTOA?)	1,113,073	-	1,113,073	$1,600,000	(486,927)
P-1CROT60	HAFFEN PARK RC OF ATHLETIC FIELD X196-105M	1,107,721	94,000	1,201,721	$1,250,000	(48,279)
P-1CROT61	SETON FALLS PARK X046-105M	1,423,831	-	1,423,831	$1,000,000	423,831

Independent Budget Office

Projects Managed by Department of Parks and Recreation

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P-1CROT62	EDENWALD PLAYGROUND X165-105M	1,752,969	78,000	1,830,969	$2,000,000	(169,031)
P-1CROT63	TREMONT PARK X010-806M	3,955,666	1,000	3,956,666	$5,000,000	(1,043,334)
P-1CROT64	*DEVOE PK RC OF COMFORT STATION X013-106M/406M*	*878,275*	*44,000*	*922,275*	*0*	*922,275*
P-1CROT65	*TOPOGRAPHIC SURVEYS FOR THREE CROTON SITES XG-107M OMBP*		*27,000*	*27,000*	*0*	*27,000*
P-1CROT66	*FERRY POINT PK - COMFORT STATION X126-106M*	*2,142,288*	*6,000*	*2,148,288*	*0*	*2,148,288*
P-1CROT67	*MULLALY PARK - SOUTH SECTION X034-106M*	*4,606,660*	-	*4,606,660*	*0*	*4,606,660*
P-1CROT68	*MULLALY PARK - SKATE BUILDING X034-207M*	*270,413*	*860,000*	*1,130,413*	*0*	*1,130,413*
P-1CROT69	*GRANT AVE PARK - RETAINING WALLS X271-106M*	*2,243,653*	*847,000*	*3,090,653*	*0*	*3,090,653*
P-1CROT71	*RECONS. OF MEZZANINE INTERIOR AT BATH HOUSE X010-308MA*	*34,768*	*965,000*	*999,768*	*0*	*999,768*
P-1CROT72	*SYNTHETIC FIELD AT CROTONA PARK X010-109M*	*626,230*	*374,000*	*1,000,230*	*0*	*1,000,230*
P-1CROTOA	*CROTON - PELHAM BAY PK & DREW PLGD(PHASE I) XG-905M*	*5,191,207*	-	*5,191,207*	*0*	*5,191,207*
P-1CROTOB	*MULTI-SITE-SYNTH TURF B/FLDS & ADJ SITEWORK(CROTON) XG-506M*	*8,469,404*	*91,000*	*8,560,404*	*0*	*8,560,404*
P-1CROTOC	*CROTON MULTI-SITE PLGDS XG-*	*454,257*	*1,760,000*	*2,214,257*	*0*	*2,214,257*
P-1ORCHB	*Orchard Beach Erosion Ctrl & Beach Restoration X039-110M*	*2,072,000*	-	*2,072,000*	*0*	*2,072,000*
P-110PBPS	*PELHAM BAY PARK - NATURE CENTER X039-106M*	*500,000*	-	*500,000*	*0*	*500,000*
P-1BCSEL1	*BRONX - ELEC OFFICIALS BLDG REQ - ELEC XG-208M (Webster Pk)*	*29,000*	-	*29,000*	*0*	*29,000*
P-1BCSGC1	*BRONX - ELEC OFFICIALS BLDG REQ - GC XG-108M (Webster Pk)*	*300,000*	-	*300,000*	*0*	*300,000*
P-1BCSHV1	*BRONX - ELEC OFFICIALS BLDG REQ - HVAC XG-408M (Webster Pk)*	*41,000*	-	*41,000*	*0*	*41,000*
P-1BCSPL1	*BRONX - ELEC OFFICIALS BLDG REQ - PLMB XG-308M (Webster Pk)*	*115,000*	-	*115,000*	*0*	*115,000*
Subtotal, MOU Projects Managed by Parks		**$144,674,994**	**$45,384,000**	**$190,058,994**	**$198,910,000**	($8,851,006)
Total, MOU Projects		**$164,924,994**	**$45,384,000**	**$210,308,994**	**$218,910,000**	($8,601,006)

SOURCES: IBO, Department of Parks and Recreation. Committed and planned data retrieved from the NYC Financial Management System (FMS) on 09/26/2011 and 09/21/2011, respectively.

NOTE: All figures include Interfund Agreement (IFA) which represents expense budget spending related to a capital project that is funded from capital financing sources.

Attachment 5

THE NEW YORK CITY COUNCIL
CHRISTINE C. QUINN, SPEAKER

File #:	Res 0594-2004 Version: *	Name:	Croton water filtration facility and the funding of certain eligible projects in the borough of the Bronx.
Type:	Resolution	Status:	Adopted
		Committee:	Committee on State and Federal Legislation
On agenda:	9/28/2004	Final action:	9/28/2004
Enactment date:		Law number:	
Title:	Resolution ratifying the memorandum of understanding entered into pursuant to chapter 175 of the laws of 2003 in connection with the Croton water filtration facility and the funding of certain eligible projects in the borough of the Bronx.		
Sponsors:	Joel Rivera, Leroy G. Comrie, Jr., (by request of the Mayor)		
Attachments:	Committee Report 9/15, Committee Report 9/28, Hearing Transcript 9/28, Hearing Transcript 9/15, Hearing Transcript - Stated Meeting 9/28/04		

Res. No. 594

Resolution ratifying the memorandum of understanding entered into pursuant to chapter 175 of the laws of 2003 in connection with the Croton water filtration facility and the funding of certain eligible projects in the borough of the Bronx.

By Council Members Rivera and Comrie (by request of the Mayor)

WHEREAS, on July 21, 1999, the Council approved the siting of a water filtration facility for the Croton water supply at a site at the Mosholu Golf Course, Van Cortlandt Park, in the Borough of the Bronx;

WHEREAS, the State Legislature enacted Chapter 175 of the Laws of 2003,

authorizing the City of New York to discontinue the use of certain lands as park lands in connection with the construction, installation, operation and maintenance of said facility, provided that the City enter into a memorandum of understanding with the President Pro Tempore of the New York State Senate and the Speaker of the New York State Assembly identifying (1) the sum of money that the City shall dedicate for the purpose of implementing eligible projects to acquire and/or improve park lands in the borough of the Bronx and (2) a list of such eligible projects ("Memorandum of Understanding"), and that the Memorandum of Understanding be ratified by the Council; and

WHEREAS the Memorandum of Understanding has been entered into by the City, the President Pro Tempore of the New York State Senate and the Speaker of the New York State Assembly;

RESOLVED: The Council hereby ratifies the Memorandum of Understanding pursuant to Chapter 175 of the Laws of 2003.

File

9/15 Croton hearing

RESOLUTION

Ratifying the memorandum of understanding entered into pursuant to chapter 175 of the laws of 2003 in connection with the Croton water filtration facility and the funding of certain eligible projects in the borough of the Bronx

WHEREAS, on July 21, 1999, the Council approved the siting of a water filtration facility for the Croton water supply at a site at the Mosholu Golf Course, Van Cortlandt Park, in the Borough of the Bronx;

WHEREAS, the State Legislature enacted Chapter 175 of the Laws of 2003, authorizing the City of New York to discontinue the use of certain lands as park lands in connection with the construction, installation, operation and maintenance of said facility, provided that the City enter into a memorandum of understanding with the President Pro Tempore of the New York State Senate and the Speaker of the New York State Assembly identifying (1) the sum of money that the City shall dedicate for the purpose of implementing eligible projects to acquire and/or improve park lands in the borough of the Bronx and (2) a list of such eligible projects ("Memorandum of Understanding"), and that the Memorandum of Understanding be ratified by the Council; and

WHEREAS the Memorandum of Understanding has been entered into by the City, the President Pro Tempore of the New York State Senate and the Speaker of the New York State Assembly;

RESOLVED:

The Council hereby ratifies the Memorandum of Understanding pursuant to Chapter 175 of the Laws of 2003.

MEMORANDUM OF UNDERSTANDING, dated as of ~~August~~ September 3rd, 2004 ("MOU"), by and among the City of New York , a municipal corporation of the State of New York with its principal office at City Hall, New York, New York 10007 (the "City"), acting by and through the Mayor of the City (the "Mayor"); the President Pro Tempore of the New York State Senate (the "President Pro Tem"), with his principal office at The Capitol, Albany, New York 12224; and the Speaker of the New York State Assembly (the "Speaker"), with his principal office at The Capitol, Albany, New York 12248.

Recitals

Croton Filtration Facility

1. The City operates a water supply system (the "System") that provides drinking water to nine million people, including one million people living outside of the City's borders. The System is composed of three (3) water supplies, each originating in an upstate watershed: Croton, Catskill and Delaware.

2. The Croton water supply, the City's oldest, currently meets all health-based regulatory standards. However, Croton water still experiences periodic problems associated with color, odor and taste, and may not be able to meet stricter new standards on disinfection bi-products which are expected to take effect in the future.

3. Accordingly, the City has determined that the Croton water supply should be filtered, to ensure that it remains a reliable part of the City's water supply and to better protect public health and safety. The City has entered into a Consent Decree so ordered by the United States District Court for the Eastern District of New York (the "Court") on November 24, 1998, as supplemented by a Supplement to Consent Decree so ordered by the Court on May 2, 2002 (as so supplemented, the "Croton Consent Decree"), by and between the United States of America (the "United States"), the State of New York (the "State") and the City, pursuant to which the City is required to design and construct a filtration facility to filter and disinfect water delivered to the City from its Croton water supply (the "Croton Filtration Facility").

Mosholu Golf Course Site

4. On July 21, 1999, the Council of the City of New York (the "Council") approved the siting of the Croton Filtration Facility at a site at the Mosholu Golf Course, Van Cortlandt Park, Bronx, New York (the "Mosholu Golf Course Site") pursuant to the City's Uniform Land Use Review Procedure ("ULURP").

5. The Mosholu Golf Course Site is located within a public park. Therefore, the City sought the passage of a bill, by the New York State Legislature, alienating those portions of the Van Cortlandt Park to be utilized for the construction, operation and maintenance of such Facility and

its related facilities, appurtenances and equipment.

6. An appropriate bill, denominated as Assembly Bill No. 8069-C and Senate Bill No. 4791-C, has been passed by the State Legislature and signed into law by the Governor as Chapter 175 of the Laws of 2003 (the "Act"). Section 1 of the Act authorizes the discontinuance of use as park lands of certain lands at the Mosholu Golf Course Site, for the purpose of construction, installation, operation and maintenance of the Croton Filtration Facility and improvements and appurtenances related to the construction, operation and maintenance of such Facility, including, without limitation, loading and unloading areas, parking areas, roads, gatehouses, pumps, pumping stations, aqueducts, tunnels, pipes, valves, and pressure regulating devices.

7. Section 2 of the Act states that the authorization contained in Section 1 of the Act is subject to the requirement that the City acquire additional park lands of equal or greater fair market value and/or perform capital improvements to existing park and recreational facilities which are equal to or greater than the fair market value of those lands discontinued pursuant to the Act. Section 2 of the Act further states that the authorization contained in Section 1 of the Act shall only take effect upon the condition that the City shall have entered into a memorandum of understanding with the President Pro Tem and the Speaker to identify (1) the sum of money that the City shall dedicate for the purpose of implementing eligible projects to acquire and/or improve park lands in the borough of the Bronx and (2) a list of such eligible projects. Section 2 also states that the authorization contained in Section 1 shall be subject to the requirement that the City shall complete a Supplemental Environmental Impact Statement ("SEIS") on the construction, installation and maintenance of the Croton Filtration Facility and improvements and appurtenances thereto at the Mosholu Golf Course Site, and that the City shall give due consideration to the dedication of the Jerome Park Reservoir as parkland. Section 2 further states that this memorandum of understanding must be ratified by vote of the Council.

8. The City has completed the SEIS, which has identified the Mosholu Golf Course Site as the preferred site for the Croton Filtration Facility. This MOU is being entered into to allow the City to comply with Section 2 of the Act and proceed expeditiously with the construction, operation and maintenance of the Facility.

Terms and Conditions

1. Identification of Sum of Money; List of Projects. A. Identification of Sum of Money. Subject to the terms and conditions of this MOU, the parties hereby agree that the City shall dedicate a total of Two Hundred Million Dollars ($200,000,000) towards implementing eligible projects, out of which

i. the sum of One Hundred Ninety Million Dollars ($190,000,000) is identified, pursuant to clause (1) of the second sentence of Section 2 of the Act, as being dedicated to implementing eligible projects consisting of the acquisition of parklands and/or the making of capital improvements to parks, playgrounds or other recreational facilities located in the Borough of the

Bronx; and

ii. the sum of Ten Million Dollars ($10,000,000) is identified as being dedicated to implementing projects consisting of horticultural plantings by DPR intended to beautify and provide a more healthful environment in the Borough of the Bronx.

B. List of Projects. The list of projects in Exhibit A satisfies the requirements of clause (2) of the second sentence of Section 2 of the Act.

2. Eligible Projects. The Mayor hereby directs the New York City Department of Environmental Protection ("DEP") to take the following actions and to fulfill the following commitments, and he hereby directs all other City agencies to cooperate with DEP in effectuating the purposes of this MOU:

A. DEP Actions. If (i) the United States and the State agree to a further modification of the Croton Consent Decree, in a form acceptable to the City, incorporating DEP's proposed schedule for the design and construction of the Croton Filtration Facility at the Mosholu Golf Course Site, and (ii) the City issues environmental findings, indicating its intention to proceed with the construction and installation of the Croton Filtration Facility at such Site, DEP is directed to include in its requests for funding to the New York City Municipal Water Finance Authority (the "Water Authority"), and to make available out of the proceeds of bonds, notes or other instruments of indebtedness issued by the Authority for such purpose, a sum of (but not exceeding) Two Hundred Million Dollars ($200,000,000) in the aggregate for the acquisition, design and construction of one or more Eligible Projects, over a period of five (5) years from the date hereof, subject to the conditions specified in paragraphs B through E below.

As used in this MOU, the term "Eligible Project" shall mean a capital project which qualifies as a "water project" under Section 1045-b(20) of the New York Public Authorities Law, as determined by DEP and the Water Authority, and which is either:

i. an acquisition by the New York City Department of Parks and Recreation ("DPR") of parklands located in the Borough of the Bronx; or

ii. an improvement or improvements to a park, playground or other recreational facility located in the Bronx, or horticultural plantings at a location in the Bronx, which park, playground, other recreational facility, or horticultural planting location is either (i) under the jurisdiction of DPR ("DPR Bronx Facility"), or (ii) under the jurisdiction of another agency of the City and operated and maintained for the benefit of such agency by DPR ("DPR-Operated Bronx Facility"), or (iii) under the jurisdiction of another agency of the City and operated and maintained by such other agency for public park or recreation purposes ("Other City Bronx Facility"), or (iv) for purposes of Roberto Clemente State Park only, under the jurisdiction of the New York State Office of Parks, Recreation and Historic Preservation ("OPRHP").

B. Identification and Selection of Projects.

The parties hereby agree that the projects listed in Exhibit A attached hereto are Eligible Projects for purposes of this MOU, and the projects to be funded hereunder shall be drawn by the City from such list as follows:

a. projects from Part I of Exhibit A - up to an aggregate total of $190,000,000;

and

b. projects from Part II of Exhibit A, up to an aggregate total of $10,000,000.

Nothing in this MOU shall be deemed to obligate the Water Authority to finance any Project costs which it may not lawfully pay. The terms and conditions of any bonds, notes or other instruments of indebtedness issued by the Water Authority shall be established by the Water Authority.

C. Other Agencies to Cooperate. Any funds made available by DEP under Paragraph A above in respect of any Eligible Project shall be paid over to DPR (if the Eligible Project involves a DPR Bronx Facility or a DPR-Operated Bronx Facility), to the relevant City agency (if the eligible Project involves an Other City Bronx Facility) or to OPRHP (if the Eligible Project involves Roberto Clemente State Park), and applied solely towards the costs of acquiring, designing and constructing such Project. The governmental entity receiving such funds shall be solely responsible for acquiring, designing and constructing such Eligible Project, and DEP's responsibility shall be limited to making funds available in accordance with and subject to the terms of this MOU. The Mayor hereby directs all City agencies to cooperate with DEP in effectuating the terms of this MOU.

The transfer of any funds made available by DEP hereunder in respect of an Eligible Project shall be pre-conditioned on the execution of an agreement or memorandum of understanding by the recipient governmental entity, in form and substance satisfactory to DEP, the Water Authority, and the relevant City agency or OPRHP, as appropriate, providing for the transfer of such funds and the obligation of the recipient to apply such funds solely towards the acquisition, design and construction of such Eligible Project, and to complete such Eligible Project by a stated completion date.

D. Injunction. In the event the City is enjoined, on any basis, from proceeding with the design, construction, operation or maintenance of the Croton Filtration Facility at the Mosholu Golf Course Site, by a court of competent jurisdiction, the City shall have no obligation to secure any further funding for any projects hereunder from and after the date of such injunction and for so long as such injunction is pending. If any such injunction is made final, without opportunity for further appeal, there shall be no further funding advanced pursuant to this MOU, and this MOU shall be of no further force or effect.

E. Outreach. DEP is directed to initiate and implement an outreach strategy, intended to alert qualified Bronx residents to appropriate employment opportunities afforded by the Croton Filtration Facility project, and to alert qualified Bronx business firms to appropriate opportunities to bid for the provision of goods or services to the project. Such outreach shall include working with trade organizations, labor organizations and other entities who can assist in identifying such qualified residents and business firms. The funding for any such outreach shall not be drawn from the funds provided for funding projects hereunder.

In addition, for contracts implemented with any State Revolving Fund loan or loans made to support the Croton Filtration Facility Project, DEP is directed to make prime contractors aware of Bronx-based businesses that have been certified as Minority-Owned Business Enterprises or Women-Owned Business Enterprises (MBEs/WBEs) in order to facilitate the prime contractors' compliance with the applicable State MBE/WBE requirements.

3. Periodic Reporting. The City shall provide periodic, but at least annual, reports to the President Pro Tempore of the New York State Senate and to the Speaker of the New York State Assembly on the progress of funding and construction of the projects hereunder.

4. Determination to Proceed at Other Site. This MOU shall be null and void if the City determines to proceed with the construction and installation of the Croton Filtration Facility at a site other than the Mosholu Golf Course Site.

5. Amendments. This MOU may not be amended or modified except by written instrument signed by all of the parties hereto, and ratified by the Council.

6. Counterparts. This MOU may be executed in counterparts, each of which shall be an original, but all of which together shall constitute one and the same instrument.

7. Effective Date. This MOU shall take effect immediately.

THE CITY OF NEW YORK

By _____
Mayor

PRESIDENT PRO TEMPORE OF
THE NEW YORK STATE SENATE

SPEAKER OF THE
NEW YORK STATE ASSEMBLY

_____

mou805nochange.wpd

CERTIFICATION OF RATIFICATION

WHEREAS, section two of Chapter 175 of the Laws of 2003 requires the Council of the City of New York to ratify the memorandum of understanding in connection with the Croton filtration facility and the funding of certain eligible projects in the borough of the Bronx,

NOW THEREFORE, I hereby certify that a Resolution was passed by the Council of the City of New York on August 12, 2004, ratifying the memorandum of understanding entered into by and among the City of New York, acting by and through the Mayor of the City, the President Pro Tem of the New York State Senate and the Speaker of the New York State Assembly.

RATIFIED BY
THE COUNCIL OF THE CITY OF NEW YORK

_____

Speaker

Eligible Projects for Bronx Parks

Park Name	CB #	Project Type	Description of Work	Projected Cost	Calendar Days to Project Completion
			PART I		
			Bronx Greenways		
Bronx River Greenway: River Park	6	GWY	Reconstruction of playground, comfort station, and picnic area located adjacentto the greenway.	$1,000,000	730
Bronx River Greenway: Birchall to 180th Street Connection	11	GWY	Study and implementation of a one mile Bronx River Greenway link within Bronx Park. Greenway will connect Birchall Avenue to 180th Street.	$3,500,000	900
Soundview to Ferry Point Greenway	9/10	GWY	Implementation of the greenway within the northern portion of Pugisey Creek Park and the connections between Castle Hill Park and Ferry Point Park.	$3,000,000	730
Bronx River Greenway: Concrete Plant Park	2	GWY	Complete development of a new park and greenway link along the Bronx River. The site was formerly a concrete batch plant.	$5,000,000	900
Putnam Trail: acquisition of right of way	8	GWY	The acquisition of the Putnam Railroad R.O.W. between the city line and the Harlem River for development as a greenway. 3.5 miles at approximately 100-feet in width.	$1,000,000	1095
Bronx River Greenway: Pedestrian Bridge	12	GWY	Construction of a new pedestrian bridge in Bronx Park over parkway and river to provide key Bronx River Greenway connection between Shoelace Park and Muskrat Cove.	$5,000,000	730
Hutchinson River Greenway	12	GWY	Implementation of the greenway between Pelham Parkway and the City's northern border.	$2,500,000	730
			Waterfront Access		
Soundview Park: lagoon restoration	9	WA	Lagoon area restoration. Bond Act match.	$2,466,200	730
Pelham Bay Park: waterfront development	12	WA	Development of waterfront area near landfill, plus greenway link and seawall repair.	$8,000,000	1460
Regatta Park: Washington Bridge Park	5	WA	The construction of a new park to include drainage, water supply, seating and landscaping funding is to match existing grant.	$350,000	550
Regatta Park: waterfront access	7	WA	Improvement of 1-acre city-owned site north of University Heights Bridge for development with waterfront access and open space. Requires transfer of DCAS/CDOT parcel. Implements a segment for Regatta Park.	$1,800,000	730
Pugsley Creek Park Salt Marsh & Buffer Restoration	9	WA	Bond act match to restore 2.25-acre salt marsh area on the northeast bank of Pugsley Creek.	$850,000	730
			Bronx Green House		
Bronx Green House and Nursery		G	The upgrade and expansion of the existing nursery. Work to include construction and renovation of cold frames, greenhouses, loading docks, irrigation lines, sewer lines, and access way.	$3,000,000	730

Eligible Projects for Bronx Parks

			Regional Recreational Facilities		
Aqueduct Lands: Comfort Station and Operations Facility	5	RRF	Construction of a comfort station with an operations component.	$1,800,000	730
Macombs Dam Park: Track Soccer & Ballfields	4	RRF	Installation of synthetic turf soccer field, demolition and reconstruction of bleachers, and construction of comfort station.	$6,000,000	730
Bronx River Greenway Facility/River House	9	RRF	The creation of space for the administration and operational facilities required for Bronx River initiatives involving greenway implementation, ecological restoration, recreational, educational and arts programming.	$5,000,000	900
Williamsbridge Oval Park	7	RRF	Park work to include the restoration of: perimeter walls & fencing with gates ($1,860,000), track & field ($1,950,000), playground #1 ($1,100,000), playground #3 ($1,100,000), senior area ($650,000), roller hockey area/skate park ($2,500,000), slope stabilization and promenade ($3,430,000), and recreation center site work ($2,340,000).	$15,000,000	1460
Ferry Point Park	10	RRF	The redevelopment of the western portion of the park, with the addition of a comfort station.	$6,600,000	730
Harris Park Ballfield	7	RRF	Reconstruction of nine athletic fields, three new staircases and ADA access leading into the park.	$9,860,000	730
Orchard Beach: Pavilion	12	RRF	Stabilization of the Pavilion	$7,000,000	550
Pelham Bay Park: Bridle Trails	12	RRF	Reconstruction of the Bridle Trails.	$1,000,000	365
Van Cortlandt Park: Allen Shandler Recreation Area	7	RRF	Reconstruction of the picnic area landscape and the renovation of the existing comfort station.	$1,300,000	730
Van Cortlandt Park: Comfort Station and Operations Facility	8	RRF	Rehabilitation of existing building at 242nd Street and Broadway for comfort station and an operations component.	$1,500,000	730
Van Cortlandt Park: Parade Grounds	8	RRF	Reconstruction of athletic fields including, sod, topsoil, irrigation, under-drainage, grading, backstops, goals etc.	$16,500,000	1095
Crotona Park: Comfort Station and Operations Facility	3	RRF	Construction of a comfort station with a maintenance and operations component in the northern portion of the park.	$2,500,000	730
Bronx Park Solomine Ballfield	11	RRF	Renovation of two baseball fields, elimination of tennis courts and replacement with synthetic turf soccer field, and restoration of basketball court and landscaping.	$3,000,000	730
Bronx Park: 219th Street Entrance	12	RRF	Reconstruction of Bronx Park entrance at 219th Street.	$400,000	550
Jerome Park Reservoir Pathway	8	RRF	New recreational pathway to be constructed around the reservoir.	$5,000,000	730
Soundview Park	9	RRF	Development of park areas to provide active and passive recreation.	$4,000,000	730
Soundview Park: Amphitheater	9	RRF	Construction of an amphitheater with a platform for a Wenger Wagon with electricity and new pavement.	$875,000	550
Aqueduct Lands: Basketball Courts and Playground	5	RRF	Reconstruction of the basketball courts with color seal coating, chain link fencing, baseball backstops, pavements and benches.	$2,000,000	730
Aqueduct Walk	7	RRF	Reconstruction of first Aqueduct section from Kingsbridge Road to Morton Place. Section to include new promenade pavement, new playgrounds, and new passive spaces.	$7,000,000	730
Pelham Bay Park: Middletown Road perimeter	10	RRF	Reconstruction of stone retaining wall with fencing on top and sidewalks along Middletown Road.	$1,500,000	550

Exhibit A
Eligible Projects for Bronx Parks

Pelham Bay Park: Picnic areas	12	RRF	Reconstruction of major picnic areas.	$1,000,000	550
Pelham Bay Park: Tennis Courts	10	RRF	Reconstruction of tennis courts to include new fencing, drainage, and water supply, and reconstruction of the parking lot.	$2,225,000	550
Pelham Parkway Malls	11	RRF	The reconstruction of the Pelham Bay Malls from the Hutchinson River Parkway to Boston Road.	$1,500,000	550
Crotona Park: Amphitheater	3	RRF	Construction of a natural amphitheater.	$2,500,000	730
Crotona Park: Lake Restoration	3	RRF	The naturalization and slope stabilization of the lake shore, including picnic area.	$4,900,000	550
Roberto Clemente State Park	5	RRF	Provide waterfront access, aquatic enhancements, outdoor recreational improvements, landscaping, and passive recreation	$10,000,000	1430
Bronx Park Soccer Field and Skate Park	11/12	RRF	Installation of new unsupervised skate park north of Allerton Avenue and installation of new, unsupervised skate park.	$1,500,000	730
			Neighborhood Parks		
Melrose Playground	1	RNP	Reconstruction to include new play equipment, fencing and pavements.	$1,500,000	730
Story Playground	9	RNP	Reconstruction of a playground and comfort station. Reconstruction of playground includes, new ballfield, hard court game area, and stabilization of settlement.	$7,300,000	1600
Saturn Playground	7	RNP	Additional Facilities to be developed with playground reconstruction: dog run, picnic area and reconstruction of park entrances at the southeast corner of Van Cortlandt Park.	$375,000	550
Field of Dreams Park	2	RNP	Creation of three ballfields with appropriate irrigation.	$2,200,000	550
Pugsley Creek Park	9	RNP	Creation of a small playground along White Plains Road at Patterson Avenue near I.S. 174	$1,200,000	730
Hines Playground	3	RNP	Renovation of playground.	$700,000	550
Owen Dolen Golden Recreation Center	10	RNP	Concrete sitting area to be removed, repair to roof, and landscaping.	$1,000,000	730
Clark Playground	1	RNP	Playground Reconstruction to include new play equipment, handball and basketball court renovations with color seal coating, pavement, swings, and fencing.	$1,500,000	730
Mullaly Park Playground	4	RNP	The reconstruction of a playground with spray shower, including, comfort station and perimeter fencing.	$1,500,000	730
Manida Ballfield	2	RNP	Reconstruction of the two baseball fields and backstops, irrigation, play equipment, spray shower and a perimeter fence to separate the Recreation Center and ballfield area.	$1,018,800	550
Sedgwick Playground	5	RNP	Reconstruction of entire playground, including Comfort Station.	$1,800,000	730
Devoe Park	7	RNP	Reconstruction of playground to include new play equipment, landscaping and drainage improvements.	$3,000,000	820
Mount Hope Playground	5	RNP	Reconstruction of the playground and corrective repairs to retaining wall..	$2,000,000	730
St. James Park	7	RNP	Reconstruction of the retaining walls with new perimeter fencing, pathways, sidewalk, landscaping, and stairs.	$5,000,000	900
Webster Playground	6	RNP	Reconstruction of entire playground, including Comfort Station.	$1,600,000	730

Exhibit A
Eligible Projects for Bronx Parks

Grant Park	4	RNP	Reconstruction of passive seating area for seniors and construction of hard court games area.	$3,490,000	395
Ambrosini Playground and Ballfield	10	RNP	Reconstruction of the playground and ballfield, install higher perimeter fencing between field and Co-op, new water line and new asphalt pathway.	$2,000,000	730
Campanaro Playground	11	RNP	Entire renovation of both the court and playground areas including repair of the spray shower.	$1,950,000	820
Drew Playground	3	RNP	Renovation of playground.	$1,600,000	550
Haffen Park	12	RNP	Installation of a synthetic turf field.	$1,250,000	550
Seton Falls Park	12	RNP	Trail upgrade and associated fencing repair work.	$1,000,000	550
Edenwald Playground	12	RNP	Reconstruction of playground to include new play equipment, spray shower, and landscaping.	$2,000,000	730
Tremont Park	6	RNP	Reconstruction of passive seating area for seniors and construction of hard court game area.	$5,000,000	900
			PART II		
			Greening the Bronx		
Greening the Bronx		G	Creation of Greenstreets, improvement and expansion of horticultural plantings in parks and playgrounds, and the addition of street trees in underserved neighborhoods.	$10,000,000	1095

MEMORANDUM OF UNDERSTANDING, dated as of September 8, 2004 ("MOU"), by and among the City of New York , a municipal corporation of the State of New York with its principal office at City Hall, New York, New York 10007 (the "City"), acting by and through the Mayor of the City (the "Mayor"); the President Pro Tempore of the New York State Senate (the "President Pro Tem"), with his principal office at The Capitol, Albany, New York 12224; and the Speaker of the New York State Assembly (the "Speaker"), with his principal office at The Capitol, Albany, New York 12248.

Recitals

Croton Filtration Facility

1. The City operates a water supply system (the "System") that provides drinking water to nine million people, including one million people living outside of the City's borders. The System is composed of three (3) water supplies, each originating in an upstate watershed: Croton, Catskill and Delaware.

2. The Croton water supply, the City's oldest, currently meets all health-based regulatory standards. However, Croton water still experiences periodic problems associated with color, odor and taste, and may not be able to meet stricter new standards on disinfection bi-products which are expected to take effect in the future.

3. Accordingly, the City has determined that the Croton water supply should be filtered, to ensure that it remains a reliable part of the City's water supply and to better protect public health and safety. The City has entered into a Consent Decree so ordered by the United States District Court for the Eastern District of New York (the "Court") on November 24, 1998, as supplemented by a Supplement to Consent Decree so ordered by the Court on May 2, 2002 (as so supplemented, the "Croton Consent Decree"), by and between the United States of America (the "United States"), the State of New York (the "State") and the City, pursuant to which the City is required to design and construct a filtration facility to filter and disinfect water delivered to the City from its Croton water supply (the "Croton Filtration Facility").

Mosholu Golf Course Site

4. On July 21, 1999, the Council of the City of New York (the "Council") approved the siting of the Croton Filtration Facility at a site at the Mosholu Golf Course, Van Cortlandt Park, Bronx, New York (the "Mosholu Golf Course Site") pursuant to the City's Uniform Land Use Review Procedure ("ULURP").

5. The Mosholu Golf Course Site is located within a public park. Therefore, the City sought the passage of a bill, by the New York State Legislature, alienating those portions of the Van Cortlandt Park to be utilized for the construction, operation and maintenance of such Facility and

its related facilities, appurtenances and equipment.

6. An appropriate bill, denominated as Assembly Bill No. 8069-C and Senate Bill No. 4791-C, has been passed by the State Legislature and signed into law by the Governor as Chapter 175 of the Laws of 2003 (the "Act"). Section 1 of the Act authorizes the discontinuance of use as park lands of certain lands at the Mosholu Golf Course Site, for the purpose of construction, installation, operation and maintenance of the Croton Filtration Facility and improvements and appurtenances related to the construction, operation and maintenance of such Facility, including, without limitation, loading and unloading areas, parking areas, roads, gatehouses, pumps, pumping stations, aqueducts, tunnels, pipes, valves, and pressure regulating devices.

7. Section 2 of the Act states that the authorization contained in Section 1 of the Act is subject to the requirement that the City acquire additional park lands of equal or greater fair market value and/or perform capital improvements to existing park and recreational facilities which are equal to or greater than the fair market value of those lands discontinued pursuant to the Act. Section 2 of the Act further states that the authorization contained in Section 1 of the Act shall only take effect upon the condition that the City shall have entered into a memorandum of understanding with the President Pro Tem and the Speaker to identify (1) the sum of money that the City shall dedicate for the purpose of implementing eligible projects to acquire and/or improve park lands in the borough of the Bronx and (2) a list of such eligible projects. Section 2 also states that the authorization contained in Section 1 shall be subject to the requirement that the City shall complete a Supplemental Environmental Impact Statement ("SEIS") on the construction, installation and maintenance of the Croton Filtration Facility and improvements and appurtenances thereto at the Mosholu Golf Course Site, and that the City shall give due consideration to the dedication of the Jerome Park Reservoir as parkland. Section 2 further states that this memorandum of understanding must be ratified by vote of the Council.

8. The City has completed the SEIS, which has identified the Mosholu Golf Course Site as the preferred site for the Croton Filtration Facility. This MOU is being entered into to allow the City to comply with Section 2 of the Act and proceed expeditiously with the construction, operation and maintenance of the Facility.

Terms and Conditions

1. Identification of Sum of Money; List of Projects. A. Identification of Sum of Money. Subject to the terms and conditions of this MOU, the parties hereby agree that the City shall dedicate a total of Two Hundred Million Dollars ($200,000,000) towards implementing eligible projects, out of which

i. the sum of One Hundred Ninety Million Dollars ($190,000,000) is identified, pursuant to clause (1) of the second sentence of Section 2 of the Act, as being dedicated to implementing eligible projects consisting of the acquisition of parklands and/or the making of capital improvements to parks, playgrounds or other recreational facilities located in the Borough of the

Bronx; and

ii. the sum of Ten Million Dollars ($10,000,000) is identified as being dedicated to implementing projects consisting of horticultural plantings by DPR intended to beautify and provide a more healthful environment in the Borough of the Bronx.

B. List of Projects. The list of projects in Exhibit A satisfies the requirements of clause (2) of the second sentence of Section 2 of the Act.

2. Eligible Projects. The Mayor hereby directs the New York City Department of Environmental Protection ("DEP")") to take the following actions and to fulfill the following commitments, and he hereby directs all other City agencies to cooperate with DEP in effectuating the purposes of this MOU:

A. DEP Actions. If (i) the United States and the State agree to a further modification of the Croton Consent Decree, in a form acceptable to the City, incorporating DEP's proposed schedule for the design and construction of the Croton Filtration Facility at the Mosholu Golf Course Site, and (ii) the City issues environmental findings, indicating its intention to proceed with the construction and installation of the Croton Filtration Facility at such Site, DEP is directed to include in its requests for funding to the New York City Municipal Water Finance Authority (the "Water Authority"), and to make available out of the proceeds of bonds, notes or other instruments of indebtedness issued by the Authority for such purpose, a sum of (but not exceeding) Two Hundred Million Dollars ($200,000,000) in the aggregate for the acquisition, design and construction of one or more Eligible Projects, over a period of five (5) years from the date hereof, subject to the conditions specified in paragraphs B through E below.

As used in this MOU, the term "Eligible Project" shall mean a capital project which qualifies as a "water project" under Section 1045-b(20) of the New York Public Authorities Law, as determined by DEP and the Water Authority, and which is either:

i. an acquisition by the New York City Department of Parks and Recreation ("DPR") of parklands located in the Borough of the Bronx; or

ii. an improvement or improvements to a park, playground or other recreational facility located in the Bronx, or horticultural plantings at a location in the Bronx, which park, playground, other recreational facility, or horticultural planting location is either (i) under the jurisdiction of DPR ("DPR Bronx Facility"), or (ii) under the jurisdiction of another agency of the City and operated and maintained for the benefit of such agency by DPR ("DPR-Operated Bronx Facility"), or (iii) under the jurisdiction of another agency of the City and operated and maintained by such other agency for public park or recreation purposes ("Other City Bronx Facility"), or (iv) for purposes of Roberto Clemente State Park only, under the jurisdiction of the New York State Office of Parks, Recreation and Historic Preservation ("OPRHP").

B. Identification and Selection of Projects.

The parties hereby agree that the projects listed in Exhibit A attached hereto are Eligible Projects for purposes of this MOU, and the projects to be funded hereunder shall be drawn by the City from such list as follows:

a. projects from Part I of Exhibit A - up to an aggregate total of $190,000,000; and

b. projects from Part II of Exhibit A, up to an aggregate total of $10,000,000.

Nothing in this MOU shall be deemed to obligate the Water Authority to finance any Project costs which it may not lawfully pay. The terms and conditions of any bonds, notes or other instruments of indebtedness issued by the Water Authority shall be established by the Water Authority.

C. Other Agencies to Cooperate. Any funds made available by DEP under Paragraph A above in respect of any Eligible Project shall be paid over to DPR (if the Eligible Project involves a DPR Bronx Facility or a DPR-Operated Bronx Facility), to the relevant City agency (if the eligible Project involves an Other City Bronx Facility) or to OPRHP (if the Eligible Project involves Roberto Clemente State Park), and applied solely towards the costs of acquiring, designing and constructing such Project. The governmental entity receiving such funds shall be solely responsible for acquiring, designing and constructing such Eligible Project, and DEP's responsibility shall be limited to making funds available in accordance with and subject to the terms of this MOU. The Mayor hereby directs all City agencies to cooperate with DEP in effectuating the terms of this MOU.

The transfer of any funds made available by DEP hereunder in respect of an Eligible Project shall be pre-conditioned on the execution of an agreement or memorandum of understanding by the recipient governmental entity, in form and substance satisfactory to DEP, the Water Authority, and the relevant City agency or OPRHP, as appropriate, providing for the transfer of such funds and the obligation of the recipient to apply such funds solely towards the acquisition, design and construction of such Eligible Project, and to complete such Eligible Project by a stated completion date.

D. Injunction. In the event the City is enjoined, on any basis, from proceeding with the design, construction, operation or maintenance of the Croton Filtration Facility at the Mosholu Golf Course Site, by a court of competent jurisdiction, the City shall have no obligation to secure any further funding for any projects hereunder from and after the date of such injunction and for so long as such injunction is pending. If any such injunction is made final, without opportunity for further appeal, there shall be no further funding advanced pursuant to this MOU, and this MOU shall be of no further force or effect.

E. Outreach. DEP is directed to initiate and implement an outreach strategy, intended to alert qualified Bronx residents to appropriate employment opportunities afforded by the Croton Filtration Facility project, and to alert qualified Bronx business firms to appropriate opportunities to bid for the provision of goods or services to the project. Such outreach shall include working with trade organizations, labor organizations and other entities who can assist in identifying such qualified residents and business firms. The funding for any such outreach shall not be drawn from the funds provided for funding projects hereunder.

In addition, for contracts implemented with any State Revolving Fund loan or loans made to support the Croton Filtration Facility Project, DEP is directed to make prime contractors aware of Bronx-based businesses that have been certified as Minority-Owned Business Enterprises or Women-Owned Business Enterprises (MBEs/WBEs) in order to facilitate the prime contractors' compliance with the applicable State MBE/WBE requirements.

3. Periodic Reporting. The City shall provide periodic, but at least annual, reports to the President Pro Tempore of the New York State Senate and to the Speaker of the New York State Assembly on the progress of funding and construction of the projects hereunder.

4. Determination to Proceed at Other Site. This MOU shall be null and void if the City determines to proceed with the construction and installation of the Croton Filtration Facility at a site other than the Mosholu Golf Course Site.

5. Amendments. This MOU may not be amended or modified except by written instrument signed by all of the parties hereto, and ratified by the Council.

6. Counterparts. This MOU may be executed in counterparts, each of which shall be an original, but all of which together shall constitute one and the same instrument.

7. Effective Date. This MOU shall take effect immediately.

THE CITY OF NEW YORK

By: _____
Mayor

PRESIDENT PRO TEMPORE OF
THE NEW YORK STATE SENATE

_____

SPEAKER OF THE
NEW YORK STATE ASSEMBLY

_____

mou805nochange.wpd

CERTIFICATION OF RATIFICATION

WHEREAS, section two of Chapter 175 of the Laws of 2003 requires the Council of the City of New York to ratify the memorandum of understanding in connection with the Croton filtration facility and the funding of certain eligible projects in the borough of the Bronx,

NOW THEREFORE, I hereby certify that a Resolution was passed by the Council of the City of New York on August 12, 2004, ratifying the memorandum of understanding entered into by and among the City of New York, acting by and through the Mayor of the City, the President Pro Tem of the New York State Senate and the Speaker of the New York State Assembly.

RATIFIED BY
THE COUNCIL OF THE CITY OF NEW YORK

_____

Speaker

Exhibit A
Eligible Projects for Bronx Parks

Park Name	CB #	Project Type	Description of Work	Projected Cost	Calendar Days to Project Completion
			PART I		
			Bronx Greenways		
Bronx River Greenway: River Park	6	GWY	Reconstruction of playground, comfort station, and picnic area located adjacentto the greenway.	$1,000,000	730
Bronx River Greenway: Birchall to 180th Street Connection	11	GWY	Study and implementation of a one mile Bronx River Greenway link within Bronx Park. Greenway will connect Birchall Avenue to 180th Street.	$3,500,000	900
Soundview to Ferry Point Greenway	9/10	GWY	Implementation of the greenway within the northern portion of Puglsey Creek Park and the connections between Castle Hill Park and Ferry Point Park.	$3,000,000	730
Bronx River Greenway: Concrete Plant Park	2	GWY	Complete development of a new park and greenway link along the Bronx River. The site was formerly a concrete batch plant.	$5,000,000	900
Putnam Trail: acquisition of right of way	8	GWY	The acquisition of the Putnam Railroad R.O.W. between the city line and the Harlem River for development as a greenway. 3.5 miles at approximately 100 feet in width.	$1,000,000	1095
Bronx River Greenway: Pedestrian Bridge	12	GWY	Construction of a new pedestrian bridge in Bronx Park over parkway and river to provide key Bronx River Greenway connection between Shoelace Park and Muskrat Cove.	$5,000,000	730
Hutchinson River Greenway	12	GWY	Implementation of the greenway between Pelham Parkway and the City's northern border.	$2,500,000	730
			Waterfront Access		
Soundview Park: lagoon restoration	9	WA	Lagoon area restoration. Bond Act match.	$2,466,200	730
Pelham Bay Park: waterfront development	12	WA	Development of waterfront area near landfill, plus greenway link and seawall repair.	$8,000,000	1460
Regatta Park: Washington Bridge Park	5	WA	The construction of a new park to include drainage, water supply, seating and landscaping funding is to match existing grant.	$350,000	550
Regatta Park: waterfront access	7	WA	Improvement of 1-acre city-owned site north of University Heights Bridge for development with waterfront access and open space. Requires transfer of DCAS/CDOT parcel. Implements a segment for Regatta Park.	$1,800,000	730
Pugsley Creek Park Salt Marsh & Buffer Restoration	9	WA	Bond act match to restore 2.25-acre salt marsh area on the northeast bank of Pugsley Creek.	$850,000	730
			Bronx Green House		
Bronx Green House and Nursery		G	The upgrade and expansion of the existing nursery. Work to include construction and renovation of cold frames, greenhouses, loading docks, irrigation lines, sewer lines, and access way.	$3,000,000	730

Exhibit A
Eligible Projects for Bronx Parks

			Regional Recreational Facilities		
Aqueduct Lands: Comfort Station and Operations Facility	5	RRF	Construction of a comfort station with an operations component.	$1,800,000	730
Macombs Dam Park: Track Soccer & Ballfields	4	RRF	Installation of synthetic turf soccer field, demolition and reconstruction of bleachers, and construction of comfort station.	$6,000,000	730
Bronx River Greenway Facility/River House	9	RRF	The creation of space for the administration and operational facilities required for Bronx River initiatives involving greenway implementation, ecological restoration, recreational, educational and arts programming.	$5,000,000	900
Williamsbridge Oval Park	7	RRF	Park work to include the restoration of: perimeter walls & fencing with gates ($1,860,000), track & field ($1,950,000), playground #1 ($1,100,000), playground #3 ($1,100,000), senior area ($650,000), roller hockey area/skate park ($2,500,000), slope stabilization and promenade ($3,430,000), and recreation center site work ($2,340,000).	$15,000,000	1460
Ferry Point Park	10	RRF	The redevelopment of the western portion of the park, with the addition of a comfort station.	$6,600,000	730
Harris Park Ballfield	7	RRF	Reconstruction of nine athletic fields, three new staircases and ADA access leading into the park.	$9,860,000	730
Orchard Beach: Pavilion	12	RRF	Stabilization of the Pavilion	$7,000,000	550
Pelham Bay Park: Bridle Trails	12	RRF	Reconstruction of the Bridle Trails.	$1,000,000	365
Van Cortlandt Park: Allen Shandler Recreation Area	7	RRF	Reconstruction of the picnic area landscape and the renovation of the existing comfort station.	$1,300,000	730
Van Cortlandt Park: Comfort Station and Operations Facility	8	RRF	Rehabilitation of existing building at 242nd Street and Broadway for comfort station and an operations component.	$1,500,000	730
Van Cortlandt Park: Parade Grounds	8	RRF	Reconstruction of athletic fields including, sod, topsoil, irrigation, under-drainage, grading, backstops, goals etc.	$16,500,000	1095
Crotona Park: Comfort Station and Operations Facility	3	RRF	Construction of a comfort station with a maintenance and operations component in the northern portion of the park.	$2,500,000	730
Bronx Park Solomine Ballfield	11	RRF	Renovation of two baseball fields, elimination of tennis courts and replacement with synthetic turf soccer field, and restoration of basketball court and landscaping.	$3,000,000	730
Bronx Park: 219th Street Entrance	12	RRF	Reconstruction of Bronx Park entrance at 219th Street.	$400,000	550
Jerome Park Reservoir Pathway	8	RRF	New recreational pathway to be constructed around the reservoir.	$5,000,000	730
Soundview Park	9	RRF	Development of park areas to provide active and passive recreation.	$4,000,000	730
Soundview Park: Amphitheater	9	RRF	Construction of an amphitheater with a platform for a Wenger Wagon with electricity and new pavement.	$875,000	550
Aqueduct Lands: Basketball Courts and Playground	5	RRF	Reconstruction of the basketball courts with color seal coating, chain link fencing, baseball backstops, pavements and benches.	$2,000,000	730
Aqueduct Walk	7	RRF	Reconstruction of first Aqueduct section from Kingsbridge Road to Morton Place. Section to include new promenade pavement, new playgrounds, and new passive spaces.	$7,000,000	730
Pelham Bay Park: Middletown Road perimeter	10	RRF	Reconstruction of stone retaining wall with fencing on top and sidewalks along Middletown Road.	$1,500,000	550

Exhibit A
Eligible Projects for Bronx Parks

Pelham Bay Park: Picnic areas	12	RRF	Reconstruction of major picnic areas.	$1,000,000	550
Pelham Bay Park: Tennis Courts	10	RRF	Reconstruction of tennis courts to include new fencing, drainage, and water supply, and reconstruction of the parking lot.	$2,225,000	550
Pelham Parkway Malls	11	RRF	The reconstruction of the Pelham Bay Malls from the Hutchinson River Parkway to Boston Road.	$1,500,000	550
Crotona Park: Amphitheater	3	RRF	Construction of a natural amphitheater.	$2,500,000	730
Crotona Park: Lake Restoration	3	RRF	The naturalization and slope stabilization of the lake shore, including picnic area.	$4,900,000	550
Roberto Clemente State Park	5	RRF	Provide waterfront access; aquatic enhancements, outdoor recreational improvements, landscaping, and passive recreation	$10,000,000	1430
Bronx Park Soccer Field and Skate Park	11/12	RRF	Installation of new unsupervised skate park north of Allerton Avenue and installation of new, unsupervised skate park.	$1,500,000	730
			Neighborhood Parks		
Melrose Playground	1	RNP	Reconstruction to include new play equipment, fencing and pavements.	$1,500,000	730
Story Playground	9	RNP	Reconstruction of a playground and comfort station. Reconstruction of playground includes, new ballfield, hard court game area, and stabilization of settlement.	$7,300,000	1600
Saturn Playground	7	RNP	Additional Facilities to be developed with playground reconstruction: dog run, picnic area and reconstruction of park entrances at the southeast corner of Van Cortlandt Park.	$375,000	550
Field of Dreams Park	2	RNP	Creation of three ballfields with appropriate irrigation.	$2,200,000	550
Pugsley Creek Park	9	RNP	Creation of a small playground along White Plains Road at Patterson Avenue near I.S. 174	$1,200,000	730
Hines Playground	3	RNP	Renovation of playground.	$700,000	550
Owen Dolen Golden Recreation Center	10	RNP	Concrete sitting area to be removed, repair to roof, and landscaping.	$1,000,000	730
Clark Playground	1	RNP	Playground Reconstruction to include new play equipment, handball and basketball court renovations with color seal coating, pavement, swings, and fencing.	$1,500,000	730
Mullaly Park Playground	4	RNP	The reconstruction of a playground with spray shower, including, comfort station and perimeter fencing.	$1,500,000	730
Manida Ballfield	2	RNP	Reconstruction of the two baseball fields and backstops, irrigation, play equipment, spray shower and a perimeter fence to separate the Recreation Center and ballfield area.	$1,018,800	550
Sedgwick Playground	5	RNP	Reconstruction of entire playground, including Comfort Station.	$1,800,000	730
Devoe Park	7	RNP	Reconstruction of playground to include new play equipment, landscaping and drainage improvements.	$3,000,000	820
Mount Hope Playground	5	RNP	Reconstruction of the playground and corrective repairs to retaining wall..	$2,000,000	730
St. James Park	7	RNP	Reconstruction of the retaining walls with new perimeter fencing, pathways, sidewalk, landscaping, and stairs.	$5,000,000	900
Webster Playground	6	RNP	Reconstruction of entire playground, including Comfort Station.	$1,600,000	730

Exhibit A
Eligible Projects for Bronx Parks

Grant Park	4	RNP	Reconstruction of passive seating area for seniors and construction of hard court games area.	$3,490,000	395
Ambrosini Playground and Ballfield	10	RNP	Reconstruction of the playground and ballfield, install higher perimeter fencing between field and Co-op, new water line and new asphalt pathway.	$2,000,000	730
Campanaro Playground	11	RNP	Entire renovation of both the court and playground areas including repair of the spray shower.	$1,950,000	820
Drew Playground	3	RNP	Renovation of playground.	$1,600,000	550
Haffen Park	12	RNP	Installation of a synthetic turf field.	$1,250,000	550
Seton Falls Park	12	RNP	Trail upgrade and associated fencing repair work.	$1,000,000	550
Edenwald Playground	12	RNP	Reconstruction of playground to include new play equipment, spray shower, and landscaping.	$2,000,000	730
Tremont Park	6	RNP	Reconstruction of passive seating area for seniors and construction of hard court game area.	$5,000,000	900
			PART II		
			Greening the Bronx		
Greening the Bronx		G	Creation of Greenstreets, improvement and expansion of horticultural plantings in parks and playgrounds, and the addition of street trees in underserved neighborhoods.	$10,000,000	1095

NYC Parks & Recreation Croton Program Funding Summary as of 3/21/11(Progress updated 10/27/11)

Attachment 6

Croton Mitigation Funding

MOU Capital Projects	Number of Contracts	Number of Projects		Dollar Value	
Completed Projects	49	39	$	91,000,000	(Registered amount)
Projects in Construction	11	7	$	36,000,000	(Registered & estimated)
Projects in Procurement	7	6	$	13,200,000	(Estimated cost)
Projects in Design	11	11	$	33,300,000	(Estimated cost)
Total Projects/Contracts	78	63	$	173,500,000	
Contingency for remaining design, procurement and construction phases			$	6,500,000	
Sub Total MOU Capital Projects	**78**	**63**	**$**	**180,000,000**	

ULURP/FEIS Projects	Number of Contracts	Number of Projects		Dollar Value
Complete/Registered	2	3	$	3,471,944
Remaining	2	1	$	2,578,056
Subtotal ULURP/FEIS Projects	**4**	**4**	**$**	**6,050,000**

Total MOU and ULURP/FEIS	**82**	**67**	**$**	**186,050,000**

Other Funding Allocations to Enhance Mitigation Projects

Capital Projects	Number of Projects		Dollar Value
City Council Funded Projects	2	$	1,600,000
Borough President Funded Projects	1	$	500,000
Federal Grant Funded Projects	2	$	810,000
State Grant Funded Projects	1	$	500,000
Subtotal Other funding allocations	**6**	**$**	**3,410,000**

Grand Total Funding Parks Croton Program	**$**	**189,460,000**	

Note:
Projected final costs on the attached spreadsheet are estimates except for completed projects where the registered amount is used. Shaded rows indicate projects approved for additional funding.

The total number of projects is 67. The projects shown under Other Funding are included in the 67.

The contingency item in this summary ($6,500,000) includes change orders and overruns pending registration for construction and construction contingency for projects in procurement and design.

Croton Filtration Plant Mitigation Projects - Update

PART I

FMS ID #	Park Name	CB #	Project Type	Description of Work	MOU Amount (Estimate reduced by 9.507%)	Projected Final Cost	Variance	Status	Comments
				Bronx Greenways					
P-1CROT01	Bronx River Greenway: River Park	6	GWY	Reconstruction of playground, comfort station, and picnic area located adjacent to the greenway. No. of the 180th So. of Zoo	$904,930	$1,398,117	($493,187)	Completed	Playground and picnic area completed (X002-105M). Comfort station done under separate contract.
				Reconstruction of comfort station in River Park		$285,000	($285,000)		Completed under requirement contract (XG-208 /408M)
P-1CROT02	Bronx River Greenway: Birchall to 180th Street Connection	11	GWY	Study and implementation of a one mile Bronx River Greenway link within Bronx Park. Greenway will connect Birchall Avenue to 180th Street.	$3,167,255	$3,197,961	($30,706)	Procurement	Transmitted for bidding.
P-1CROT03	Scundview to Ferry Point Greenway	9/10	GWY	Implementation of the greenway within the northern portion of Pugisey Creek Park and the connections between Castle Hill Park and Ferry Point Park.	$2,714,790	$2,637,971	$76,819	Completed	Completed the greenway within Pugsley Creek Park. On-street connections to be done by CDOT.
P-1CROT04	Bronx River Greenway: Concrete Plant Park	2	GWY	Complete development of a new park and greenway link along the Bronx River. The site was formerly a concrete batch plant.	$4,524,650	$592,000	$3,932,650	Completed	Completed under P-102CEME (contract XG-31700-201/205M) using other funding. Only $592K used, remaining funds moved to other Croton projects.
P-1CROT05	Putnam Trail: acquisition of right of way	8	GWY	The acquisition of the Putnam Railroad R.O.W. between the city line and the Harlem River for development as a greenway. 3.5 miles at approximately 100-feet in width.	$904,930	$1,904,930	($1,000,000)	Acquisition	ULURP completed. Acquisition will require additional funds (~$1 million from other Croton source and $600k grant).
P-1CROT06	Bronx River Greenway: Pedestrian Bridge	12	GWY	Construction of a new pedestrian bridge in Bronx Park over parkway and river to provide key Bronx River Greenway connection between Shoelace Park and Muskrat Cove.	$4,524,650	$2,400,000	$2,124,650	Design	Bridge concept determined to be unfeasible due to cost and complexity. On-street connections and park improvements are expected to require less than budgeted. Funds moved to other projects.
P-1CROT07	Hutchinson River Greenway	12	GWY	Implementation of the greenway between Pelham Parkway and the City's northern border.	$2,262,325	$1,241,645	$1,020,680	Design	Transmitted for bidding. Delayed for SHPO and funds. Project includes matching grant funding which was transferred to Highbridge project. Construction estimate $2,606,000.
				Waterfront Access					
P-1CROT08	Soundview Park: lagoon restoration	9	WA	Lagoon area restoration. $2,466,000 Bond Act grant requires 1 to 1 match (including IFA) for total $4,932,000.	$2,231,738	$2,196,000	$35,738	Procurement	Project to be done under P-1SOUARM which involves transfer of funds from Parks to USACE (Army Corp)
P-1CROT09	Pelham Bay Park: waterfront development	12	WA	Development of waterfront area near landfill, plus greenway link and seawall repair	$7,239,440	$2,870,722	$4,368,718	Procurement	Transmitted for bidding. Phase 1 includes all items in description. Remaining funds to be used for additional phases or other Croton projects. Funding has been provided for Pelham Bay Nature center reconstruction. ($750K)
	Pelham Bay Park - Nature Center			Reconstruction of Nature Center/operations facility in Pelham Bay Park		$750,000	($750,000)		Work done under contract X039-106M. This is the nearest bathroom and maintenance facility to the waterfront. Completed
P-1CROT10	Regatta Park: Washington Bridge Park	5	WA	The construction of a new park to include drainage, water supply, seating and landscaping funding is to match existing grant.	$316,726	$88,948	$227,778	Construction	Design services performed under this item. Construction is under P-1DEPOT which is registered pending OTW. Remaining funds to be used for other projects.
P-1CROT11	Regatta Park: waterfront access	7	WA	Improvement of 1-acre city-owned site north of University Heights Bridge for development with waterfront access and open space. Requires transfer of DCAS/CDOT parcel. Implements a segment for Regatta Park.	$1,628,874	$1,628,874	$0	Design	Pending scope meeting. Funding appears insufficient. Funds initially used for other projects.
P-1CROT12	Pugsley Creek Park Salt Marsh & Buffer Restoration	9	WA	Grant match ($850k including IFA) to restore 2.25-acre salt marsh area on the northeast bank of Pugsley Creek. Bond Act grant amount $850k.	$769,191	$513,655	$255,536	Construction	Bond Act plus other funding sources. Anticipate fall completion.

Croton Filtration Plant Mitigation Projects - Update

FMS ID #	Park Name	CB #	Project Type	Description of Work	MOU Amount (Estimate reduced by 9.507%)	Projected Final Cost	Variance	Status	Comments
				Bronx Green House					
P-1CROT13	Bronx Green House and Nursery		G	The upgrade and expansion of the existing nursery. Work to include construction and renovation of cold frames, greenhouses, loading docks, irrigation lines, sewer lines, and access way.	$2,714,790	$3,214,790	($500,000)	Procurement	Item was split into two phases. Greenhouse project transmitted for bidding. New water service to be added as TC ($500k added to projected final cost). Nursery project done separately.
	VCP Nursery			Reconstruct Nursery including cold frames, irrigation and sewer lines.		$730,280	($730,280)		Separate Nursery project completed January 2011. (P-1CRO13A) Completed.
				Regional Recreational Facilities					
P-1CROT14	Aqueduct Lands: Comfort Station and Operations Facility	5	RRF	Construction of a comfort station with an operations component.	$1,628,874	$1,163,481	$465,393	Procurement	Transmitted for bidding.
P-1CROT15	Macombs Dam Park: Track Soccer & Ballfields	4	RRF	Installation of synthetic turf soccer field, demolition and reconstruction of bleachers, and construction of comfort station.	$5,429,580		$5,429,580		Cancelled. Yankee Stadium built on this site. Funds moved to Mullaly Park (see below)
				Mullaly Park - South Section		$4,606,660	($4,606,660)		Playground, Basketball courts and water play feature constructed. (FMS ID P-1CROT67) Completed.
				Mullaly Park - Skate Building		$191,413	($191,413)	Construction	To provide portion of funding for reconstruction of the skate building (district headquarters and public bathrooms). (FMS ID P-1CROT68)
P-1CROT16	Bronx River Greenway Facility/River House	9	RRF	The creation of space for the administration and operational facilities required for Bronx River initiatives involving greenway implementation, ecological restoration, recreational, educational and arts programming.	$4,524,650	$7,516,841	($2,992,191)	Design	To be performed in two phases, the building structure which was transmitted for bidding in 2010 and the infrastructure/utilities done as a separate contract. Bids rejected. Returned to design..combine with infrastructure. ($500k added to projected final cost)
	Starlight Park Riverhouse Infrastructue			Provide utility services to the Riverhouse, playground and future comfort station in Starlight Park		$2,386,000	($2,386,000)		Separate contract transmitted for bidding in early 2011. (FMS ID P-1CRO16A) see note above.
P-1CROT17	Williamsbridge Oval Park	7	RRF	Park work to include the restoration of: perimeter walls & fencing with gates ($1,860,000), track & field ($1,950,000), playground #1 ($1,100,000), playground #3 ($1,100,000), senior area ($650,000), roller hockey area/skate park ($2,500,000), slope stabilization and promenade ($3,430,000), and recreation center site work ($2,340,000).	$10,424,000	$3,119,264	$7,304,736		Reconstruction of running track and synthetic turf field. Completed.
P-1CRO17A	Williamsbridge Oval Park	7	RRF	Portion of park work to includle: perimeter walls & fencing with gates ($1,860,000), track & field ($1,950,00), playground #1 ($1,100,00), playground #3 ($1,100,00), senior area ($650,000), roller hockey area/skate park ($2,500,000), slope stabilization and promenade ($3,430,000), and recreation center site work ($2,340,000). (Total $13,573,950)	$3,150,000	$3,563,867	($413,867)	Construction	Reconstruction of portions of the Recreation Center.
				Portion of park work to includle: perimeter walls & fencing with gates ($1,860,000), track & field ($1,950,00), playground #1 ($1,100,00), playground #3 ($1,100,00), senior area ($650,000), roller hockey area/skate park ($2,500,000), slope stabilization and promenade ($3,430,000), and recreation center site work ($2,340,000). (Total $13,573,950)		$5,775,077	($5,775,077)		Reconstruct Playgrounds 1&3 and water play feature. (FMS ID P-1CRO17B) Completed.
P-1CROT18	Ferry Point Park	10	RRF	The redevelopment of the western portion of the park, with the addition of a comfort station.	$5,972,538	$3,651,690	$2,320,848		Phase 1 - reconstructed natural turf soccer field with synthetic turf and portions of park paths for bike way and overlooks. Completed. See comfort station below.
				Construct new comfort station in ferry Point Park.		$2,142,288	($2,142,288)	Design	Phase 2 - new comfort station contract terminated. Pending rebid (FMS ID P-1CROT66) Returned to Design

Croton Filtration Plant Mitigation Projects - Update

FMS ID #	Park Name	CB #	Project Type	Description of Work	MOU Amount (Estimate reduced by 9.507%)	Projected Final Cost	Variance	Status	Comments
P-1CROT19	Harris Park Ballfield	7	RRF	Reconstruction of nine athletic fields, three new staircases and ADA access leading into the park.	$8,922,610	$15,000,000	($6,077,390)	Construction	Removal of contaminated soil has delayed completion. Work has resumed.
P-1CROT20	Orchard Beach: Pavilion	12	RRF	Stabilization of the Pavilion	$6,334,510	$679,798	$5,654,712	Completed?	Design services provided. Structural condition of concrete did not permit a feasible project with the available funds. Funds moved to other projects including the two below and P-1CROT19.
				Fencing and scaffolding		$46,800	($46,800)		Installed fencing and scaffolding for protection to concession area. Completed. (FMS ID P-1CRO20A)
				Orchard Beach Erosion control and Beach Restoration		$2,072,000	($2,072,000)		Provided as part of matching funds for Army Corp beach restoration project. Completed.
				Temporary Headquarters or limited Stabilization		$2,000,000	($2,000,000)		If Pavilion is deemed unsafe provide temporary headquarters or stabilize portions of the site for continued use.
P-1CROT21	Pelham Bay Park: Bridle Trails	12	RRF	Reconstruction of the Bridle Trails.	$904,930	$777,670	$127,260	Completed	
P-1CROT22	Van Cortlandt Park: Allen Shandler Recreation Area	7	RRF	Reconstruction of the picnic area landscape and the renovation of the existing comfort station.	$1,176,409	$1,291,936	($115,527)	Completed	
P-1CROT23	Van Cortlandt Park: Comfort Station and Operations Facility	8	RRF	Rehabilitation of existing building at 242nd Street and Broadway for comfort station and an operations component.	$1,357,395	$1,450,079	($92,684)	Construction	Delayed due to poor contractor performance.
P-1CROT24	Van Cortlandt Park: Parade Grounds	8	RRF	Reconstruction of athletic fields including, sod, topsoil, irrigation, under-drainage, grading, backstops, goals etc.	$14,931,345	$12,586,596	$2,344,749	Construction	Delayed due to failure of grass lawns.
P-1CROT25	Crotona Park: Comfort Station and Operations Facility	3	RRF	Construction of a comfort station with a maintenance and operations component in the northern portion of the park.	$2,262,325	$0	$2,262,325		Scope revised to provide the operations facility in the Crotona Bathhouse and a synthetic Turf field in the park. See below.
				Reconstruct the mezzanine office areas in Crotona Park Bathhouse for a maintenance and operations staff facility.		$850,000	($850,000)	Design	Construction start pending CP budget amendment. FMS ID P-1CROT71. Award rescinded. Pending rebid. Returned to Design
				Construct a new synthetic turf soccer field in Crotona Park.		$626,230	($626,230)		Anticipate completion fall 2011. (FMS ID P-1CROT72) Construction.
P-1CROT26	Bronx Park Solomine Ballfield	11	RRF	Renovation of two baseball fields, elimination of tennis courts and replacement with synthetic turf soccer field, and restoration of basketball court and landscaping.	$2,714,790	$2,714,790	$0	Completed	Work done under contract XG-506M (P-1CROTOB)
P-1CROT27	Bronx Park: 219th Street Entrance	12	RRF	Reconstruction of Bronx Park entrance at 219th Street.	$361,972	$277,234	$84,738	Completed	
P-1CROT28	Jerome Park Reservoir Pathway	8	RRF	New recreational pathway to be constructed around the reservoir.	$4,524,650	$3,800,000	$724,650	Design	Delayed due to DEP earthen dam.
P-1CROT29	Soundview Park	9	RRF	Development of park areas to provide active and passive recreation.	$3,619,720	$2,818,220	$801,500	Completed	Work done under contract XG-506M (P-1CROTOB). Reconstructed ballfields and created new passive areas.
P-1CROT30	Soundview Park: Amphitheater	9	RRF	Construction of an amphitheater with a platform for a Wenger Wagon with electricity and new pavement.	$791,814	$1,591,500	($799,686)	Procurement	Project to be done combining two IDs using both Croton & PlaNYC funds. $800K added to projected final cost to add park security lighting and electric survice to the stage area.
P-1CROT31	Aqueduct Lands: Basketball Courts and Playground	5	RRF	Reconstruction of the basketball courts with color seal coating, chain link fencing, baseball backstops, pavements and benches.	$1,809,860	$1,809,537	$323	Completed	
P-1CROT32	Aqueduct Walk	7	RRF	Reconstruction of first Aqueduct section from Kingsbridge Road to Morton Place. Section to include new promenade pavement, new playgrounds, and new passive spaces.	$6,334,510	$4,800,000	$1,534,510	Design	
				Reconstruct Aqueduct walk south of 181st street (MLK triangles)		$600,000	($600,000)		Section south of 181st street to be done under another contract (Expansion of MLK triangles) with some Croton funding. In Design.

Croton Filtration Plant Mitigation Projects - Update

FMS ID #	Park Name	CB #	Project Type	Description of Work	MOU Amount (Estimate reduced by 9.507%)	Projected Final Cost	Variance	Status	Comments
P-1CROT33	Pelham Bay Park: Middletown Road perimeter	10	RRF	Reconstruction of stone retaining wall with fencing on top and sidewalks along Middletown Road.	$1,357,395	$1,357,395	$0	Completed	Work done under contract XG-905M (P-1CROTOA)
P-1CROT34	Pelham Bay Park: Picnic areas	12	RRF	Reconstruction of major picnic areas.	$904,930	$904,930	$0	Completed	Work done under contract XG-905M (P-1CROTOA)
P-1CROT35	Pelham Bay Park: Tennis Courts	10	RRF	Reconstruction of tennis courts to include new fencing, drainage, and water supply, and reconstruction of the parking lot.	$2,013,469	$2,013,469	$0	Completed	Work done under contract XG-905M (P-1CROTOA)
P-1CROT36	Pelham Parkway Malls	11	RRF	The reconstruction of the Pelham Bay Malls from the Hutchinson River Parkway to Boston Road.	$1,357,395	$1,357,395	$0	Design	
P-1CROT37	Crotona Park: Amphitheater	3	RRF	Construction of a natural amphitheater.	$2,262,325	$1,764,747	$497,578	Completed	
P-1CROT38	Crotona Park: Lake Restoration	3	RRF	The naturalization and slope stabilization of the lake shore, including picnic area.	$4,434,157	$4,909,417	($475,260)	Completed	
P-1CROT39	Roberto Clemente State Park	5	RRF	Provide waterfront access, aquatic enhancements, outdoor recreational improvements, landscaping, and passive recreation	$0	$0	$0		Funds provided directly to State Parks.
P-1CROT40	Bronx Park Soccer Field and Skate Park	11/12	RRF	Installation of new unsupervised skate park north of Allerton Avenue and installation of new, unsupervised skate park.	$1,357,395	$1,357,395	$0	Completed	Work done under contract XG-506M (P-1CROTOB)
				Neighborhood Parks					
P-1CROT41	Melrose Playground	1	RNP	Reconstruction to include new play equipment, fencing and pavements.	$1,357,395	$1,266,792	$90,603	Completed	
P-1CROT42	Story Playground	9	RNP	Reconstruction of a playground and comfort station. Reconstruction of playground includes, new ballfield, hard court game area, and stabilization of settlement.	$6,605,989	$5,222,296	$1,383,693		Playground completed in first phase. Comfort station done under separate contract. See below.
				Story Playground comfort station.		$639,650	($639,650)	Construction	Comfort station is under construction under FMS ID P-1CRO42A.
P-1CROT43	Saturn Playground	7	RNP	Reconstruct existing playground and construct a new comfort station ($2,000,000). Additional Facilities to be developed with playground reconstruction: dog run, picnic area and reconstruction of park entrances at the southeast corner of Van Cortlandt Park ($339,349).	$339,349		$339,349	Completed	Funds added to P-1CROUL1 below. See last page for status.
P-1CROUL1	Saturn Playground	7	RNP	Reconstruct existing playground and construct a new comfort station ($2,000,000). Additional Facilities to be developed with playground reconstruction: dog run, picnic area and reconstruction of park entrances at the southeast corner of Van Cortlandt Park ($339,349).					This is a ULURP/FEIS project, see last page for status.
P-1CROT44	Field of Dreams Park	2	RNP	Creation of three ballfields with appropriate irrigation.	$1,990,846	$1,112,387	$878,459	Completed	Per community request, scope changed to securing the wooded area at Lacombe and Pugsly with fencing, expansion of sidewalks and clearing and grubbing the interior.
P-1CROT45	Pugsley Creek Park	9	RNP	Creation of a small playground along White Plains Road at Patterson Avenue near I.S. 174	$1,085,916	$629,000	$456,916	Design	Scope reduced to Basketball Court and Exercise Units. Design on hold pending community response due to resistance to reduced scope.
P-1CROT46	Hines Playground	3	RNP	Renovation of playground.	$633,451	$427,409	$206,042	Completed	
P-1CROT47	Owen Dolen Golden Recreation Center	10	RNP	Concrete sitting area to be removed, repair to roof, and landscaping.	$904,930	$1,099,732	($194,802)	Completed	
P-1CROT48	Clark Playground	1	RNP	Playground Reconstruction to include new play equipment, handball and basketball court renovations with color seal coating, pavement, swings, and fencing.	$1,357,395	$1,408,920	($51,525)	Completed	
P-1CROT49	Mullaly Park Playground	4	RNP	The reconstruction of a playground with spray shower, including, comfort station and perimeter fencing.	$1,357,395	$1,383,054	($25,659)	Completed	
P-1CROT50	Manida Ballfield	2	RNP	Reconstruction of the two baseball fields and backstops, irrigation, play equipment, spray shower and a perimeter fence to separate the Recreation Center and ballfield area.	$921,943	$1,596,196	($674,253)	Completed	2nd ballfield added to scope (bid $1.268M)

Croton Filtration Plant Mitigation Projects - Update

FMS ID #	Park Name	CB #	Project Type	Description of Work	MOU Amount (Estimate reduced by 9.507%)	Projected Final Cost	Variance	Status	Comments
P-1CROT51	Sedgwick Playground	5	RNP	Reconstruction of entire playground, including Comfort Station.	$1,628,874	$1,737,478	($108,604)	Completed	No comfort station on site.
P-1CROT52	Devoe Park	7	RNP	Reconstruction of playground to include new play equipment, landscaping and drainage improvements.	$2,714,790	$2,356,996	$357,794		Completed.
				Reconstruct Devoe Park comfort station		$878,275	($878,275)	Construction	Scope expanded to include comfort station. Work done as a separate contract.
P-1CROT53	Mount Hope Playground	5	RNP	Reconstruction of the playground and corrective repairs to retaining wall.	$1,809,860	$1,516,617	$293,243	Completed	
P-1CROT54	St. James Park	7	RNP	Reconstruction of the retaining walls with new perimeter fencing, pathways, sidewalk, landscaping, and stairs.	$4,524,650	$1,476,594	$3,048,056	Completed	
P-1CRO54A				St James interior section, Playground and paths		$2,525,455	($2,525,455)		Completed
P-1CRO54B				St James perimeter section - walls, fences and stairs.		$1,045,000	($1,045,000)		Completed.
P-1CROT55	Webster Playground	6	RNP	Reconstruction of entire playground, including Comfort Station.	$1,447,888	$1,673,000	($225,112)	Completed	Comfort station was not included. See below.
				Reconstruct comfort station		$200,000	($200,000)		Comfort station done under separate (requirements) contract. Completed.
P-1CROT56	Grant Park	4	RNP	Reconstruction of passive seating area for seniors and construction of hard court games area.	$3,158,206	$1,144,277	$2,013,929	Completed	Constructed passive seating area. No hard courts.
				Reconstruction of retaining walls at Grant Park		$2,243,652	($2,243,652)		Reconstructed retaining walls along eastern boundary of the park (P-1CROT69) Completed.
P-1CROT57	Ambrosini Playground and Ballfield	10	RNP	Reconstruction of the playground and ballfield, install higher perimeter fencing between field and Co-op, new water line and new asphalt pathway.	$1,809,860	$1,836,450	($26,590)	Completed	
P-1CROT58	Campanaro Playground	11	RNP	Entire renovation of both the court and playground areas including repair of the spray shower.	$1,764,614	$1,677,872	$86,742	Completed	
P-1CROT59	Drew Playground	3	RNP	Renovation of playground.	$1,447,888	$1,008,073	$439,815	Completed	2nd phase of plgd. done under separate contract
				Phase 1 - Basketball and handball courts in Drew Plgd.		$424,206	($424,206)		Work done under contract XG-905M (P-1CROTOA) . Completed.
P-1CROT60	Haffen Park	12	RNP	Installation of a synthetic turf field for soccer and baseball.	$1,131,163	$1,036,040	$95,123	Completed	
P-1CROT61	Seton Falls Park	12	RNP	Trail upgrade and associated fencing repair work.	$904,930	$1,129,109	($224,179)	Completed	
P-1CROT62	Edenwald Playground	12	RNP	Reconstruction of playground to include new play equipment, spray shower, and landscaping.	$1,809,860	$1,630,536	$179,324	Completed	
P-1CROT63	Tremont Park	6	RNP	Reconstruction of passive seating area for seniors and construction of hard court game area.	$4,524,650	$3,885,666	$638,984	Completed	
				TOTAL MOU	**$179,999,676**	**$173,435,344**	**$6,564,332**		
				PART II					
				Greening the Bronx					
P-1CROT64	Greening the Bronx		G	Creation of Greenstreets, improvement and expansion of horticultural plantings in parks and playgrounds, and the addition of street trees in underserved neighborhoods.	$0				Funds managed by NYSERDA.
				ULURP/FEIS projects					
P-1CROUL1	Saturn Playground	7	RNP	Reconstruct existing playground and construct a new comfort station ($2,000,000). Additional Facilities to be developed with playground reconstruction: dog run, picnic area and reconstruction of park entrances at the southeast corner of Van Cortlandt Park ($339,349).	$2,000,000	$2,573,930	($573,930)		Renamed Sachkerah Woods Playground. Playground and comfort station constructed. Dog run done separately (see below). Completed.

Croton Filtration Plant Mitigation Projects - Update

FMS ID #	Park Name	CB #	Project Type	Description of Work	MOU Amount (Estimate reduced by 9.507%)	Projected Final Cost	Variance	Status	Comments
				Construct a dog run at Saturn Playground.		$88,450	($88,450)		Dog run constructed under a separate small purchase contract but the same FMS ID. Completed.
P-1CROUL2	Van Cortlandt Park: Allen Shandler Rec. Area		RRF	Renovation of two ballfields and recreational lighting	$1,000,000	$460,627	$539,373	Completed	Work done under contract XG-506M (P-1CROTOB)
P-1CROUL3	Van Cortlandt Park:: Old Croton Aqueduct Trail		RRF	Improvement on the Old Croton Aqueduct trail including drainage, plantings, grading and erosion control measures ($3,000,000). Bronx and Manhattan trail signage ($262,000 TEA-21 grant).	$3,000,000	$1,978,056	$1,021,944		Reconstruction of trail to be performed under a different FMS ID (P-1CROUL6) in Procurement. Trail signage to be done under separate contract (see below)
				Old Croton Aqueduct Trail, Bronx and Manhattan trail signage		$600,000	($600,000)	Design	Work being done separately under FMS ID P-1CROUL7.
P-1CROUL4	Van Cortlandt Park: Signage			Park signage to describe flora and fauna within the wetland areas adjacent to the Mosholu site.	$50,000		$50,000	Completed	Work done as a change order under contract XG-508M (P-1CROTOB). Funds to move to Old Croton Aqueduct signage project.
				Croton-Bronx Tree Planting (XG-1005M)		$348,937	($348,937)		P-1CROUL5 Completed.
				TOTAL ULURP/FEIS	$6,050,000	$6,050,000	$0		
				TOTAL MOU & ULURP/FEIS	**$186,049,676**	**$179,485,344**	**$6,564,332**		

LEHMAN COLLEGE

The following is a ***statement from Lehman College on the use of the College's parking lot for a proposed jogging path around the Jerome Park Reservoir****, presented on November 16, 2011 at a meeting of the Croton Filtration Monitoring Committee. The statement was delivered by Rene Rotolo.*

Thank you for this opportunity to address the Committee and the community. I am Rene Rotolo, Assistant Vice President for Campus Planning and Facilities for Lehman College.

Before responding to your query regarding the proposed jogging path, I would like to provide some data about the volume of students and visitors who use our campus facilities.

Lehman College is the only senior college of The City University of New York in the Bronx serving both the borough and the surrounding region as an intellectual, economic and cultural center. Lehman offers more than 100 undergraduate and graduate programs in the arts and sciences, as well as professional fields, within a dynamic research environment.

Lehman has always been a commuter campus. Our Fall 2011 enrollment consists of 12,287 degree students—60 percent of whom are Bronx residents. An additional 10,000 students are enrolled in our continuing education programs. Each year, 400,000 visitors to the campus enjoy Lehman's many cultural, educational, and athletic programs and events. Lehman also has a host of partnerships with Bronx schools, hospitals, corporations, and cultural and scientific institutions, partnerships that have been at the heart of Lehman's efforts since its founding.

Lehman's history is intertwined with that of the Jerome Park Reservoir and the surrounding community. The campus served as the Bronx branch of Hunter College, known as Hunter-in-the-Bronx from 1931 until 1968. On July 1, 1968, Lehman College was established as an independent unit of The City University of New York. We have flourished and expanded along with the Bronx and the surrounding area and become an integral part of the Jerome Park community.

The College does not own the property upon which it is located. The land was transferred from the City of New York to the State of New York in 1982 and the property was designated for higher education purposes. We, as the College's administrators, are the stewards of the buildings and grounds that Lehman College occupies.

It is our understanding that the current Phase I development plan for the jogging path ends at a point along the reservoir about midway between DeWitt Clinton High School and the Bronx High School of Science and does not include any development beyond. Lehman College lies more than a block to the south. Nevertheless, we have been asked to consider whether Lehman College would be willing to give up part of its parking lot to the Department of Parks and Recreation for this path. The answer is, it would not be in the best interests of the College, its

students, faculty and staff, and the public it serves to do so. The reasons behind our position are as follows.

Parking is already becoming difficult to find at Lehman because of the figures cited above. The College's 38% enrollment growth over the past ten years, from nearly 9,000 students (Fall 2001) to more than 12,000 (Fall 2011), coupled with an increase in the number of faculty and staff, has placed additional demands on the College's facilities including the parking lots. The increased demand for parking is also having an effect on the street parking around the campus.

Currently, there are approximately 200 fewer parking spaces than what is actually needed to accommodate the needs of students, faculty and staff.

It is estimated that the creation of a jogging path around the reservoir would result in the loss of an additional 223 parking spaces. Without adequate on-site parking, students would be forced to find street parking, particularly during our busiest periods, which are Monday through Thursday in the late afternoon and evening. This would adversely impact on the availability of parking for residents returning home from work.

The only possible scenario the administration of Lehman College can responsibly consider would involve an equal exchange of property, consisting of an equivalent area of property adjacent to the College's parking lots fully developed at no cost to the College, to replace the parking spaces lost to the proposed jogging path. This would require transfer of ownership of the affected path to the Department of Parks and Recreation and transfer of the adjacent property developed for parking to the State of New York for use by Lehman College.

A representative of the College administration would be glad to meet with members of the Committee to discuss this possibility.

Thank you for your time and for the opportunity to include the College's concerns in your deliberations.

Attachment 8

WM-11 Croton Water Treatment Plant
Cost Summary as of 10/31/2011

Croton WTP Construction Costs					
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	% Contract Increase
CRO-311	Schiavone Construction Co.	$127,660,000	-$14,445,214	$113,214,786	-11%
CRO-312G	Skanska/Tully, JV	$1,327,700,000	$104,615,551	$1,432,315,551	8%
CRO-312E1	Schlesinger-Siemens, LLC	$134,680,000	$21,588,845	$156,268,845	16%
CRO-312E2	Schlesinger-Siemens, LLC	$37,678,000	$7,604,643	$45,282,643	20%
CRO-312H	Durr Mechanical Construction	$105,700,000	$21,981,957	$127,681,957	21%
CRO-312P	Picone/WDF, JV	$58,475,000	$11,866,182	$70,341,182	20%
CRO-312OS-G	Picone-Schiavone, JV	$96,842,500	$21,622,950	$118,465,450	22%
CRO-312OS-E	Eldor Electric	$15,762,500	$1,109,667	$16,872,167	7%
CRO-312OS-H	AWL Industries	$822,000	$21,376	$843,376	3%
CRO-312OS-P	JPP Plumbing	$872,000	$163,133	$1,035,133	19%
CRO-312FM (1)	Maspeth Supply Co. LLC	$18,626,745	$12,519,525	$31,146,270	67%
CRO-313	Schiavone/Picone, JV	$212,227,000	-$345,178	$211,881,822	0%
CRO-315G	Angelakis Construction Corp.	$3,641,000	$14,894	$3,655,894	0%
CRO-315E	Interphase Electric	$807,317	$145,800	$953,117	18%
CRO-312CE	Con Edison	$4,074,526	$0	$4,074,526	0%
TOTAL		**$2,145,568,588**	**$188,464,129**	**$2,334,032,717**	**9%**
Croton WTP Design / Construction Management Costs					
HED-543 DES	Metcalf & Eddy / Hazen and Sawyer, JV	$44,226,000	$222,182,648	$266,408,648	502%
HED-545 CM	URS/Malcolm Pirnie, JV	$63,400,000	$32,936,305	$96,336,305	52%
TOTAL		**$107,626,000**	**$255,118,953**	**$362,744,953**	**237%**

Rehabilitation of the New Croton Aqueduct Construction Costs					
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	% Contract Increase
CRO-334G	Frontier-Kemper/Schiavone/ Picone JV	$91,696,805	$14,395,043	$106,091,848	16%
CRO-334E	Community Electric	$1,119,000	$253,975	$1,372,975	23%
TOTAL		**$92,815,805**	**$14,649,018**	**$107,464,823**	**16%**
Rehabilitation of the New Croton Aqueduct Construction Management Costs (2)					
TCM-CRO-334	Washington/HAKS JV	$5,952,446	$0	$5,952,446	0%
TOTAL		**$5,952,446**	**$0**	**$5,952,446**	**0%**

Notes:

(1) Costs shown for CRO-312FM are for the original Force Main Route to Hunts Point WPCP.

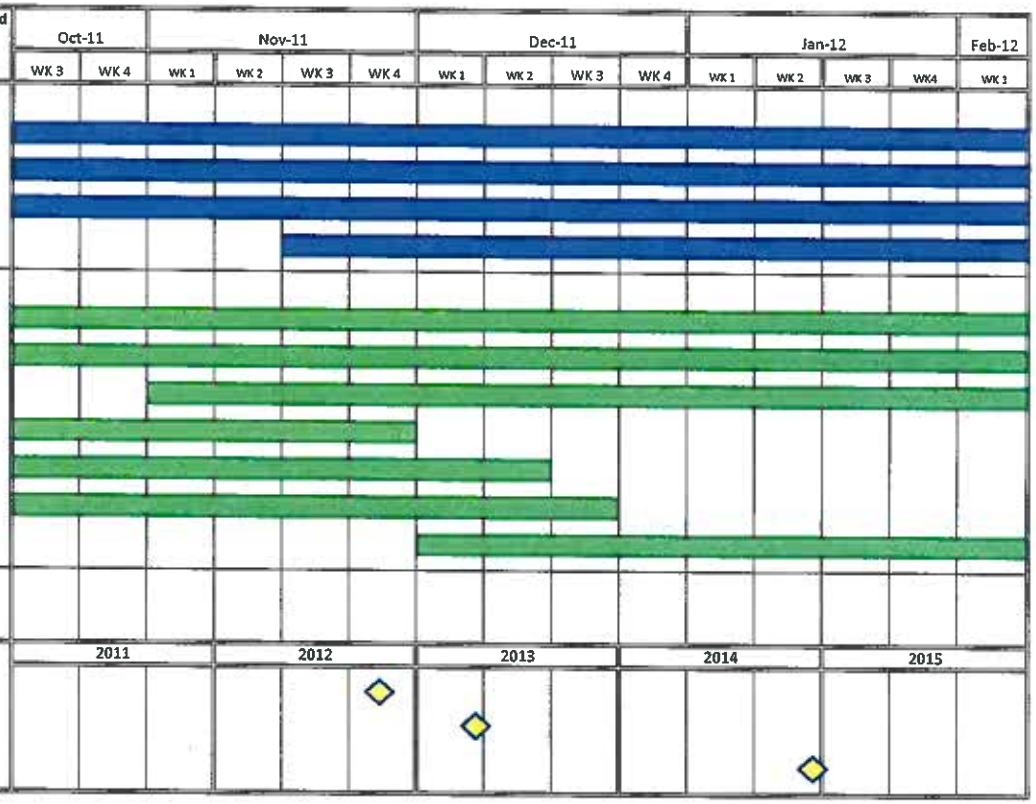
(2) Design costs for CRO-334G and CRO-334E are included in Contract HED-543 DES.

WM-11 Croton Water Treatment Plant
Facility Monitoring Committee

Look-Ahead Schedule

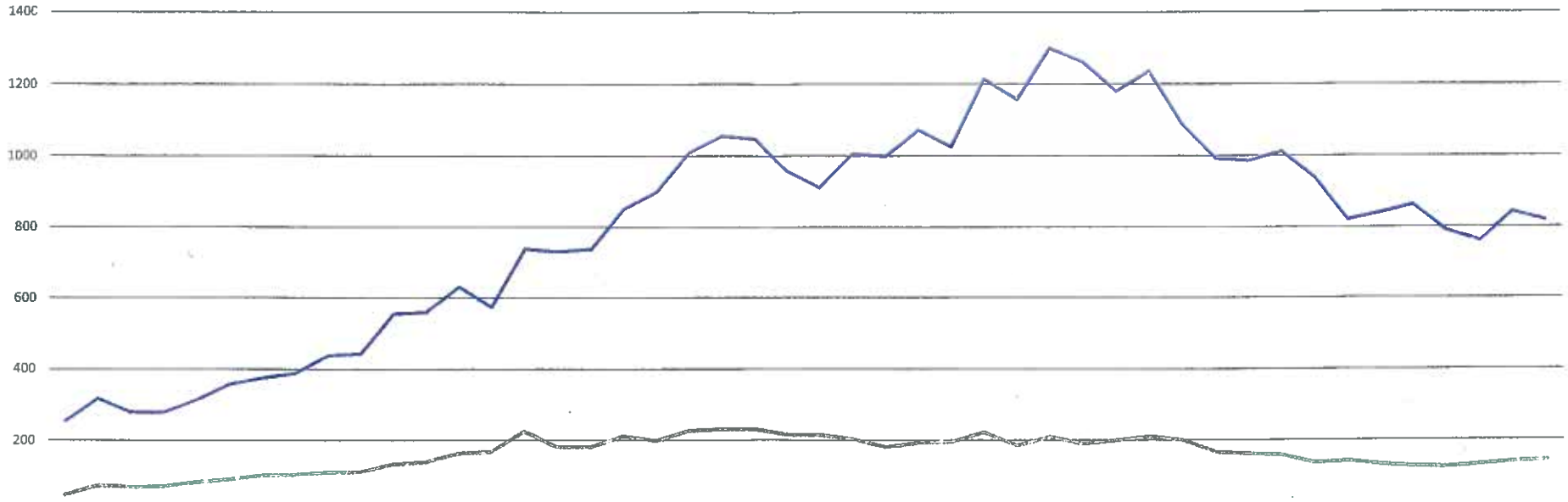
November 16, 2011

Task	Current Forecasted Completion Date Completion
CRO-312 - Water Treatment Plant Construction at Mosholu Site	
Utility Work in Jerome Avenue (Intermittent)	4/15/2012
Entrance Driveway Site Utility Work (Intermittent)	3/15/2012
Furnish and Install Equipment, Electrical, HVAC and Plumbing Work for Water Treatment Plant	10/29/2012
Equipment Check-out and Field Equipment Testing	10/29/2012
CRO-312OS - Off-Site Facilities at Jerome Park Reservoir and Gate House No. 1	
Shaft and Meter Chamber & Yard Piping at Jerome Park Reservoir (including Emergency Bypass)	11/12/2012
Rehabilitation Work in Gate House Nos. 2, 3, 5, 6 & 7 (Intermittent)	11/12/2012
Rehabilitation Work in Gate House No. 1	5/25/2012
South Basin Ramp Concrete Work at Jerome Park Reservoir	11/30/2011
South Basin Ramp Stone Work at Jerome Park Reservoir	12/15/2011
Goulden Avenue High Service Treated Water Connection Across from Bronx School of Science	12/23/2011
Re-Activiation of Gravity Section of NCA (South Basin will have water)	2/28/2012
CRO-312FM - Residuals Force Main to Hunts Point	
Restoration of Test Pits Along Original Force Main Route *(forecasted to start in March, 2012)*	6/30/2012
Begin Startup and Testing of Water Treatment Plant	10/29/2012
Commence Operation of Water Treatment Plant	3/24/2013
Above Grade Architectural Work at DEP Area	12/14/2014



Attachment 9

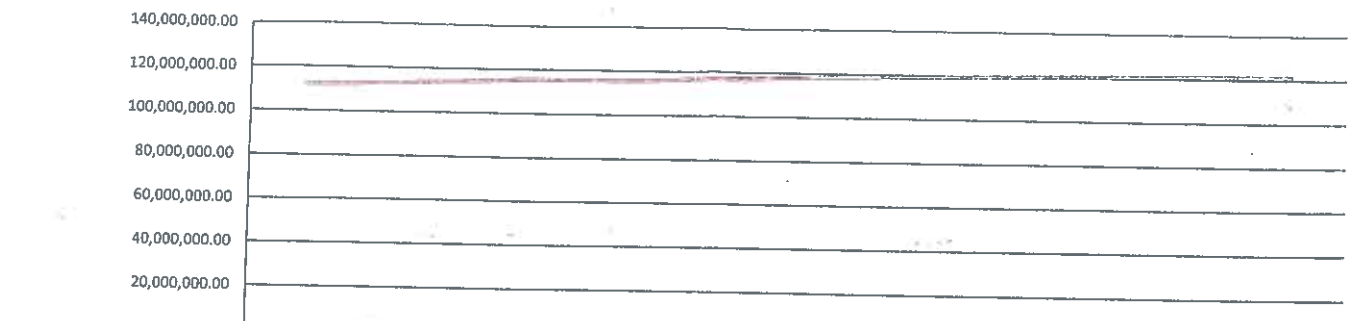
CROTON WATER TREATMENT PLANT AND OFFSITE FACILITIES AT JEROME PARK RESERVOIR



	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	April-11	May-11	June-11	July-11	Aug-11	Sept-11	Oct-11
Bronx Workers	46	73	70	72	83	91	102	104	110	111	133	139	163	168	225	181	181	212	199	227	232	231	216	216	204	181	193	195	222	185	210	190	200	211	200	166	162	159	137	142	132	127	125	131	139	143
Total Workers	254	317	280	278	312	356	374	387	436	441	553	558	629	573	738	730	738	852	900	1009	1056	1048	959	912	1007	1000	1073	1027	1216	1159	1302	1263	1182	1237	1088	994	988	1014	941	822	842	864	791	762	844	820
Bronx Workers %	18%	23%	25%	26%	27%	26%	27%	27%	25%	25%	24%	25%	26%	29%	30%	25%	25%	25%	22%	22%	22%	22%	23%	24%	20%	18%	18%	19%	18%	16%	16%	15%	17%	17%	18%	17%	16%	16%	15%	17%	16%	15%	16%	17%	16%	17%

Attachment 10

Croton WTP Bronx Purchases



	Jan-11	Feb-11	March-11	April -11	May-11	June-11	July-11	Aug-11	Sept-11	Oct-11
Bronx Monthly Purchases	1,324,956.69	1,569,586.49	1,956,038.78	354,230.94	1,527,594.37	1,358,263.67	608,360.71	823,152.36	778,382.43	439,427.06
Bronx Monthly Cumulative	112,164,660.	113,734,246.	115,690,285.	116,044,516.	117,572,110.	118,930,374.	119,538,735.	120,361,887.	121,140,270.	121,579,697.

TOP FIVE VENDORS TO DATE

	Jenna Concrete	CFS Steel	Center Sheet Metal	Tilcon	Perimeter Security
Oct-11	39,265,606.22	37,629,631.41	32,186,603.00	2,166,696.77	2,870,116.98