

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
THURSDAY, JANUARY 17, 2013 – 7:00 PM**

The Croton Facility Monitoring Committee (CFMC) met on Thursday, January 17, 2013 at the DEP Office, 3660 Jerome Avenue, Bronx, NY 10467.

Welcome

The meeting started at 7:05 pm. Chairman Bob Fanuzzi thanked the CFMC and the public for attending and said that he hoped during 2013 to monitor the coordination between Department of Environmental Protection (DEP) and Department of Parks and Recreation (DPR) on Croton-funded parks projects, to review upcoming projects and contracts, and to monitor that the Jerome Park Reservoir (JPR) area that has been in construction gets restored for the benefit of public use. He said during 2013 he plans to have the CFMC walk inside the fences at JPR to see the condition of the JPR property.

Attending - CFMC Representatives – Attachment 1

Hector Aponte, Bronx Borough Commissioner, DPR; Bob Fanuzzi, Chair, Community Board # 8; Wilhelm Ronda, Bronx Borough President's Office; Council Member G. Oliver Koppell and Jamin Sewell, Office of Council Member Koppell; Shane Ojar, DEP. **Others Attending:** DEP Staff; DPR Staff; DEP Construction Manager; and members of the public.

Adoption of CFMC Meeting Agenda - Attachment 2

The meeting agenda was accepted by the CFMC with the addition of an item requested by Mr. Fanuzzi. He wanted to discuss the Manhattan District Attorney's settlement with Siemens Schlesinger Electric (SSE).

Adoption of CFMC Meeting Minutes from December 6, 2012

The CFMC reviewed and adopted the December 6, 2012 minutes without objection.

Update on Croton-Funded DPR Projects, Includes Jog Path at JPR – Attachment 3

Steve DesNoyer and Mr. Aponte presented slides showing the status of DPR projects in design and construction. The first project the CFMC asked about in detail was the Jogging Path at JPR. Messrs. DesNoyer and Aponte said that a contractor has been selected and a contract should be registered over the next several months. Thereafter, the contractor will receive an Order to Work (OTW); the duration of the job is one year, with completion estimated by spring 2014 at the earliest. As they have said before, Mr. Aponte and Mr. DesNoyer explained there is insufficient funding to build the complete jogging path; therefore, DPR bid the parts of the path that could most easily be constructed. DPR and DEP met following the December 6, 2012 CFMC meeting to review the areas of potential overlap between DEP's construction and where the jogging path will be built. There is one small section on Goulden Avenue, near Gate House 7, where the projects overlap. Some adjustments will be made in DEP's restoration, consistent with DPR's jogging path plan. Karen Argenti, member of the public, asked if

there will be additional DEP amenities because the public has been inconvenienced by Croton construction. Mr. Ojar said there is no mitigation beyond the very large Croton-funded parks program. As part of the jogging path project, Bob Bender, Community Board #8, asked about the work in Ft. Independence Park and whether the comfort station and playground can remain open during construction. Mr. Aponte said, as he has previously, that to the extent possible he would try to keep the playground open during construction. Mr. Aponte reviewed elements of the job in Ft. Independence Park: the dog run will be smaller as requested by the community; the basketball court will be fenced; two small areas will be used for exercise equipment; and drainage will be installed on the slope to control erosion. The removal of trees on the earthen dam is also part of this project. The CFMC had received another copy of the geotechnical material, showing the trees to be removed. Mr. DesNoyer said that while the contractor has not sequenced the work, he expects it will begin at the Ft. Independence part of the project along Sedgwick Avenue and proceed through Ft Independence Park and along Sedgwick Avenue to Goulden Avenue. In response to a question from Ms. Argenti, Mr. Aponte said DEP funds are in place for the tree removal, although these trees may be removed in phases, but funds are not yet allocated for planting new trees in the community to replace those removed on the JPR earthen dam. [Note: On March 19, 2013, Mr. DesNoyer provided an update: the low bid contractor is Primer Construction. This firm has completed past DPR projects with good results. The OTW is scheduled for April 8, 2013. DPR's Capital Projects staff will work with DPR's Bronx office to maintain access to the playground and comfort station in Ft. Independence Park. However, the west entry into the area will be reconstructed under the contract, which may require limited closure of this access point.]

Progress on other Croton-funded projects was also reviewed. Mr. Aponte suggested that the Borough President and Council Member consider placing funding for the Putnam Trail acquisition from CSX Railroad in this year's budget. The limits for the acquisition are from Van Cortlandt Park South to 230th Street.

Mr. Bender said that some of the DPR slides are misleading, by allocating certain projects to a Community Board that aren't specifically part of the community board. For example, he said the Van Cortlandt Park (VCP) ball fields' signage should not be assigned to CB #8. Mr. Aponte said the reason for this is that VCP is not within the boundary of a community board. Mr. Koppell said the slides should remain as developed, even though CB #8 was shortchanged in getting Croton-funded parks projects.

Mr. Fanuzzi said the Parks Committee of Community Board #8 would like a separate briefing about the jogging path project, and Mr. Aponte agreed.

Mr. Fanuzzi asked DPR staff to provide a summary of the Memorandum of Understanding on Croton-funded projects with DPR's aggregated spending for 2012. Mr. Fanuzzi said the 2012 goal was \$42 million. He also asked for the anticipated spending for 2013.

Croton Construction Update, Costs and Schedule

Vincent Moorehead, DEP, asked if the CFMC had questions about the costs report (*Attachment 4*). There were no questions.

Mr. Moorehead distributed the construction schedule (*Attachment 5*). He said the CRO 311, 315 and 313 contracts are either completed or in final completion process.

The CRO-312 contractors continue working outside and inside the Croton Filter Plant structures at VCP. Testing of the filter process will begin in April 2013, and the facility's roofing system is expected to be completed. Water filtration plant equipment continues to be field tested and checked out. Inspections are underway throughout the plant. There is still nighttime sewer utility work in Jerome Avenue which should be completed in February. Con Edison feeders have been energized. HVAC calibration is in process. Mr. Fanuzzi requested a description of the testing process since it is projected to begin in April. He asked for the information to be presented to the CFMC in February, if possible.

In terms of the schedule, Mr. Moorehead said that the Croton Filter Plant has two components: Plant A is scheduled for operation by the end of this year while Plant B will be in operation in 2014.

Mr. Fanuzzi and other members of the CFMC and the public asked why no standby generator was part of the Croton Filter Plant design. Robert Cooney of Pleasantville, NY said that although NYS Department of Health responded to his letter about this subject, Mr. Cooney did not accept the NYSDOH's rationale and subsequently wrote to the State Commissioner of Health to appeal. Michael Borsykowsky, DEP, said that although the Catskill-Delaware water supply is essential to New Yorkers, the Croton system – which provides only about 10% of the city's supply when operational -- is supplemental. In the event of a power outage at the Croton Filter Plant, DEP built into the Croton design the flexibility to immediately switch over to Catskill-Delaware water for any Croton-related distribution requirements. Once power is restored at the Croton Filter Plant, the Croton system can be brought back into service, as needed. Numerous comments were made by the CFMC and the public about this issue. Eventually, Mr. Koppell said the CFMC should write to DEP Commissioner Strickland asking DEP for a back up generator at the Croton Filter Plant. Mr. Fanuzzi agreed.

Mr. Fanuzzi asked for a statement from DEP about CRO 312E1 and CRO 312E2, along with the \$10 million payment by the contractor to settle violations. He said the money to be paid by SSE should come to the Bronx to build the pedestrian bridge over the Major Deegan Expressway which the community wants, instead of disappearing into a settlement fund. Mr. Ronda said the settlement funds definitely should be directed to Bronx County as a matter of social justice. Assembly Member Jeffrey Dinowitz mentioned other fines at Croton paid by contractors. He said the city should not allow lawbreakers to do business with city agencies. Mr. Ojar said DEP follows City-wide procedures and policies established for procurement and said that all contractors must submit Vendex information. Ms. Argenti said the CFMC should demand information

about inappropriate materials SSE used in construction of the Croton Filter Plant. Mr. Ojar declined to make a statement about the SSE settlement. He said the CFMC should write to the Commissioner with specific questions and comments, and that DEP will reply. Mr. Fanuzzi said the CFMC will follow up with a letter.

Mr. Moorehead continued the construction update. At JPR, the Shaft and Meter Chamber work under CRO-312OS, is proceeding. At Gate House No. 1, DEP is continuing to coordinate with DPR on connections to the park trail. At Gate House No. 2 a temporary roof will be installed. Work at Gate House No. 3 is complete. At Gate House No. 5 stairway restoration is underway. Gate House No. 6 work is complete. At Gate House No. 7, work is underway in Shaft 3. Additional space in Sedgwick Avenue will be needed to access Shaft 3 more completely. As previously presented, a portion of the eastbound right lane of Sedgwick Avenue near Goulden Avenue will become part of an expanded DEP work area for a six month period, possibly beginning in February. This is necessary to get large equipment out of and place new equipment in Shaft 3 which is an underground Chamber. In summer 2013 the connections of the Croton water mains will take place at Goulden Avenue and Sedgwick Avenue. The Microstrainer Building will be demolished in the future; however, before demolition, a temporary structure will cover the Microstrainer Building, to contain all demolition.

The CRO-334 contractor is in the process of cleaning JPR basins, and a walk through on this contract will take place on January 18, 2013. Ms. Argenti said DEP should clean the basins just before they are filled instead of now, so they won't get dirty. Mr. Borsykowsky explained that the basins will be suitable for filling later this year as the raw water will subsequently be directed to the Croton Filter Plant for filtration and will not be put into distribution until it is filtered. Ms. Argenti said the DEP explanation supports the argument for public access at JPR.

CRO-312FM Force Main restoration of area-wide test pits progressed rapidly and two more weeks of work are needed to restore the test pits. Once punch list work has been completed, this contract will be closed out.

Update on Croton Jobs & Purchases —Attachment 6

Mr. Ojar and Thomas Farrell, Construction Manager, gave the current Croton jobs report. Bronx jobs decreased as did the total number of workers on the project. Mr. Koppell said the decreasing number of Bronx-based workers is sad, but at this point there is nothing to be done about it. Mr. Dinowitz said, as he has before, that the Bronx was defrauded by promises of jobs, and reviewing the monthly jobs report is a waste of time. The CFMC agreed.

CFMC Discussion

Mr. Fanuzzi said that there is much to follow up on as a result of the meeting, and he proposed the date of February 21 for the next meeting. Mr. Ojar said that DEP has not altered its policy for all facility monitoring committees to meet quarterly, and he suggested April 18 for the next meeting. Mr. Koppell said he would contact DEP's Commissioner regarding the next meeting which, he said, should be before April 18. Mr.

Dinowitz said the CFMC should meet without DEP in February and proposed the meeting for Mosholu Montefiore Community Center. Mr. Fanuzzi said that the CFMC would send two letters to the DEP Commissioner: (1) request a standby generator; and (2) seek answers to SSE contracts details. Mr. Fanuzzi said that copies of the letters would be shared with the CFMC, and that the next meeting date would be circulated to the CFMC when set.

As no further business was discussed, Mr. Ronda moved to adjourn the meeting at 9:07pm.

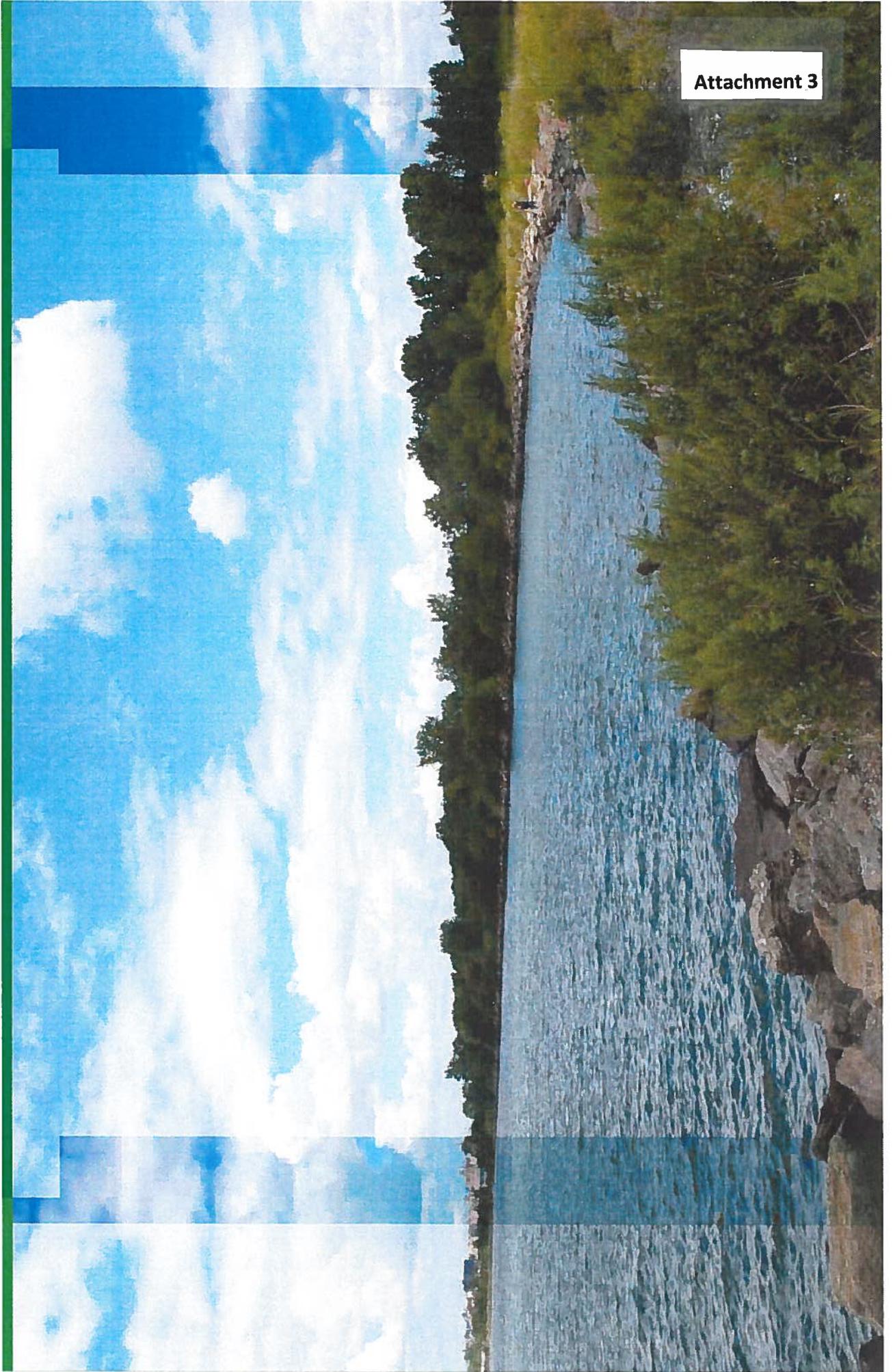
<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Hon. Oliver Koppell	Council Member	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		okoppell@council.nyc.gov
Thomas Farrell, PE	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000		thomas.farrell@shawgrp.com
Brian Farrelly, PE	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000		brian.farrelly@crotoncm.com
Robert Fanuzzi	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740		fanuzzir@stjohns.edu
Steve Des Noyer	Department of Parks & Recreation	Flushing Meadows-Corona Park	(718) 760-6617		steve.desnoyer@parks.nyc.gov
Andrew Penzi	Department of Parks & Recreation	Flushing Meadows-Corona Park	(718) 760-6577		andrew.penzi@parks.nyc.gov
Hector Aponte	Bronx Parks Commissioner	1 Bronx River Parkway Bronx NY	(718) 430-1801		hector.aponte@parks.nyc.gov
Vincent Moorehead, PE	Department of Environmental Protection	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000		vmooorehead@dep.nyc.gov
Jamin Sewell	Office of Council Member Oliver Koppell	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		jsewell@council.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
Ed Neisch, PE	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324-3034	ed.neisch@crotoncm.com
Bob Bender	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740		bobbender@optonline.net
Josh Sager, PE	Department of Environmental Protection	3701 Jerome Avenue Bronx, NY 10467	(718) -696-2000		jsager@dep.nyc.gov
Wilhelm Ronda	Office of Bronx Borough President Diaz	198 East 161st Street Bronx, NY 10451	(718) 590-8087		wronda@bxbp.nyc.gov

<u>Name</u>	<u>Organization / Institution</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>Email</u>
Adam Wisnieski	Riverdale Press	6155 Broadway Bronx NY 10471	(718) 543-6065		awisnieski@riverdalepress.com
Hon. Jeffrey Dinowitz	Assembly Member	3107 Kingsbridge Ave Bronx NY 10463	(718) 796-5345		jeffreydinowitz@gmail.com
Michael Borsykowsky, PE	Department of Environmental Protection	96-05 Horace Harding Exp. Corona NY 11368	(718) 595-5921		mborsykowsky@ddep.nyc.gov
Shane Ojar	Department of Environmental Protection	59-17 Junction Blvd Flushing NY 11368	(718) 595-4148		sojar@ddep.nyc.gov
Robert M.Cooney, PE	Department of Environmental Protection	147 Skytop Dr Pleasantville NY 10570	(914) 769-7859		bobcooney@optonline.net
Dennis Stanford, PE	Department of Environmental Protection	3701 Jerome Avenue Bronx NY 10467	(718)696-2000		dstanford@ddep.nyc.gov
Karen Argenti	BCUE	PO Box 346 Bronx NY 10471	(646) 529 1990		kabx101@gmail.com

Agenda
Croton Facility Monitoring Committee Meeting
Thursday, January 17, 2013 – 7:00 PM
DEP Office – 3660 Jerome Avenue, Bronx NY 10467 - (718) 231-8470

- | | |
|--|---|
| I Welcome & Set 2013 CFMC Objectives | Bob Fanuzzi, Chair |
| II Consider & Adopt January CFMC Agenda | CFMC Representatives |
| III Consider, Adopt 12/6/12 Meeting Minutes | CFMC Representatives |
| IV Update on Coordination of JPR Jogging Path Design & Construction | DEP, DPR |
| V Update on Current and Future Croton-Funded Parks Projects | Steve Des Noyer, DPR |
| VI Croton Construction Update, Including Sedgwick Ave, Traffic Stipulations Status of VCP Green Roof Check out & Test Plant Equipment | Vincent Moorehead, P.E., DEP |
| VII Construction Schedule & Costs Report | Vincent Moorehead, P.E., DEP |
| VIII Correspondence Concerning Backup Generator at Croton Filter Plant | CFMC Representatives |
| IX Croton Jobs and Bronx Purchases | Shane Ojar, DEP
Tom Farrell, Construction Mgmt |
| X CFMC Discussion & Set Date for Next Meeting | CFMC Representatives |
| XI Adjourn | |

The Croton Program



Attachment 3

CROTON PROGRAM OVERVIEW:

MOU Total DPR Projects	62	\$125,766,000
Projects Completed	42	19,674,000
Projects In Construction	8	33,283,000
Projects in Design/Procurement	12	<u>1,277,000</u>
Construction Contingency		
Total DPR MOU		\$180,000,000
Roberto Clemente State Park		\$ 10,000,000
NYSERDA		<u>10,000,000</u>
Total MOU		\$200,000,000
<u>ULURP/FEIS/MOA</u>		
DEP Managed Projects		\$ 17,420,000
Parks pre-2004 Projects		9,100,000
Other DEP Funding to Parks		14,560,000
Included with Park MOU		<u>6,050,000</u>
Total ULURP/FEIS Projects		\$ 47,130,000
<u>Total Croton Mitigation Funds</u>		<u>\$247,130,000</u>

CROTON PROGRAM OVERVIEW:

GREENWAYS

- Project Completed
- In Bid Process
- In Design

3
2
1

WATERFRONT ACCESS

- Project Completed
- In Construction
- In Bid Process
- In Design

1
3
1
1

GREENHOUSES

- Project Completed
- In Design

1
1

REGIONAL RECREATIONAL FACILITIES

- Project Completed
- In Construction
- In Bid Process
- In Design

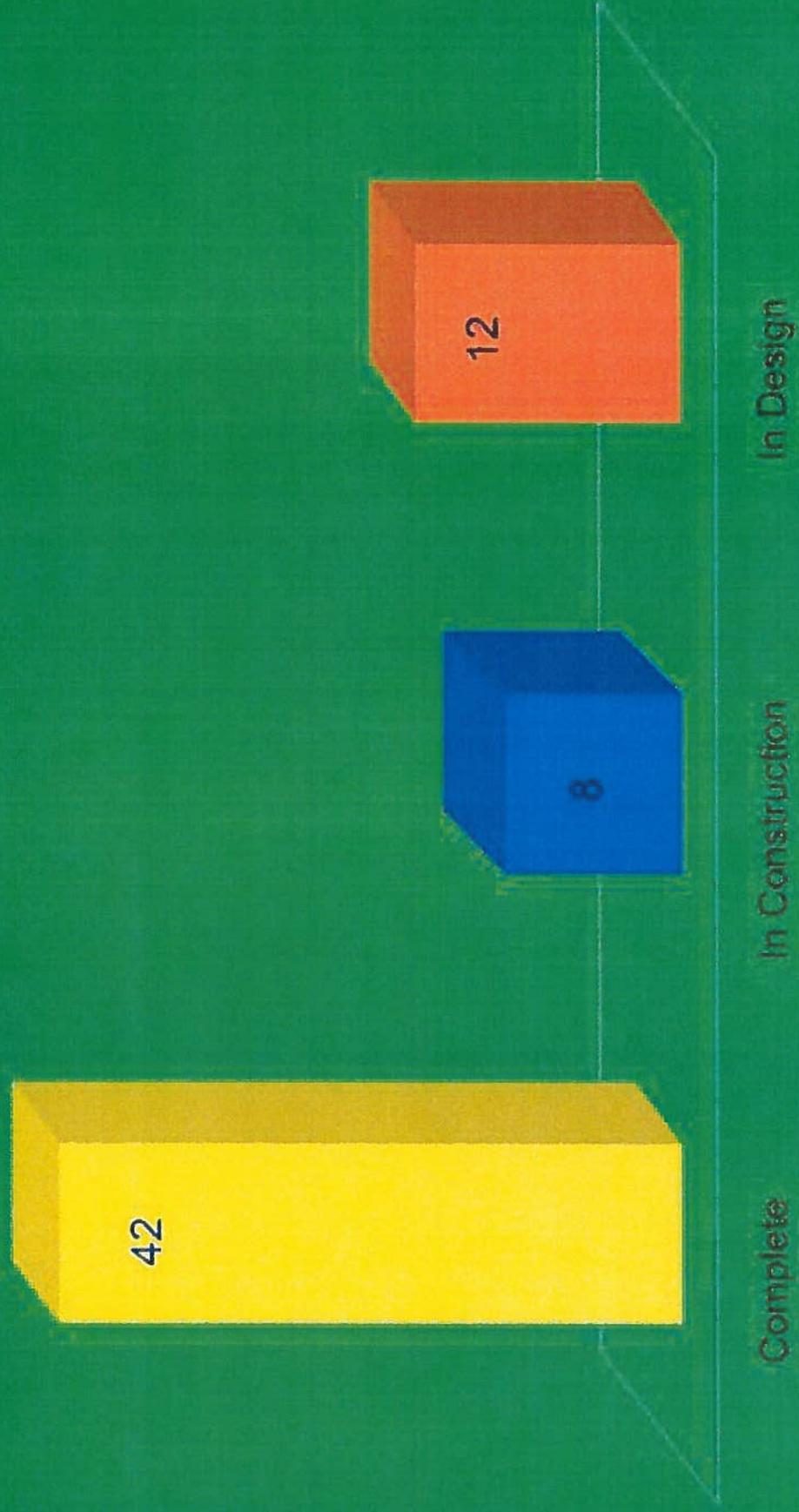
14
4
0
8

NEIGHBOURHOOD PARKS

- Project Completed
- In Construction
- In Design

24
2
1

PROGRESS BREAKDOWN:



PROJECTS IN CONSTRUCTION

CB 4 - MULLALLY SKATE BUILDING

River Avenue at 164th Street

\$5,700,000



CB 7 – Williamsbridge Oval

Recreation Center

Van Cortlandt Avenue East & Reservoir Oval East

\$4,083,990



CB 7 - AQUEDUCT WALK

Aqueduct Avenue W. between W. Kingsbridge Road & 182nd Street

\$4,800,000



CB 8 – Van Cortlandt Park

Comfort Station & Operations Facility

242nd Street & Broadway

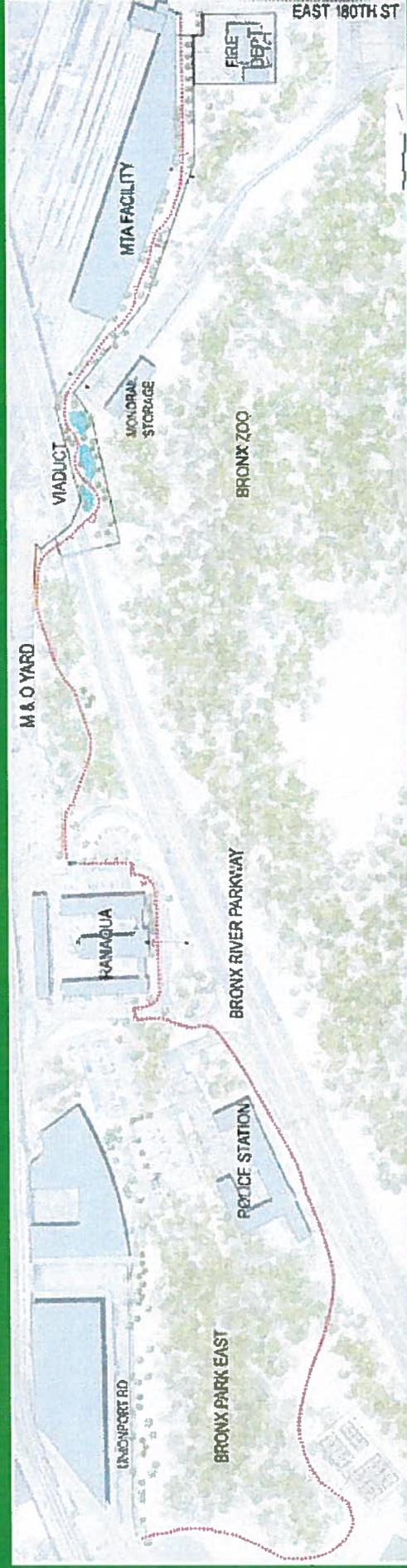
\$1,517,201



CB 6 & CB 11 - BRONX RIVER GREENWAY

180th STREET TO BIRCHALL AVE

\$1,925,313



CB 12 - HUTCHINSON RIVER GREENWAY

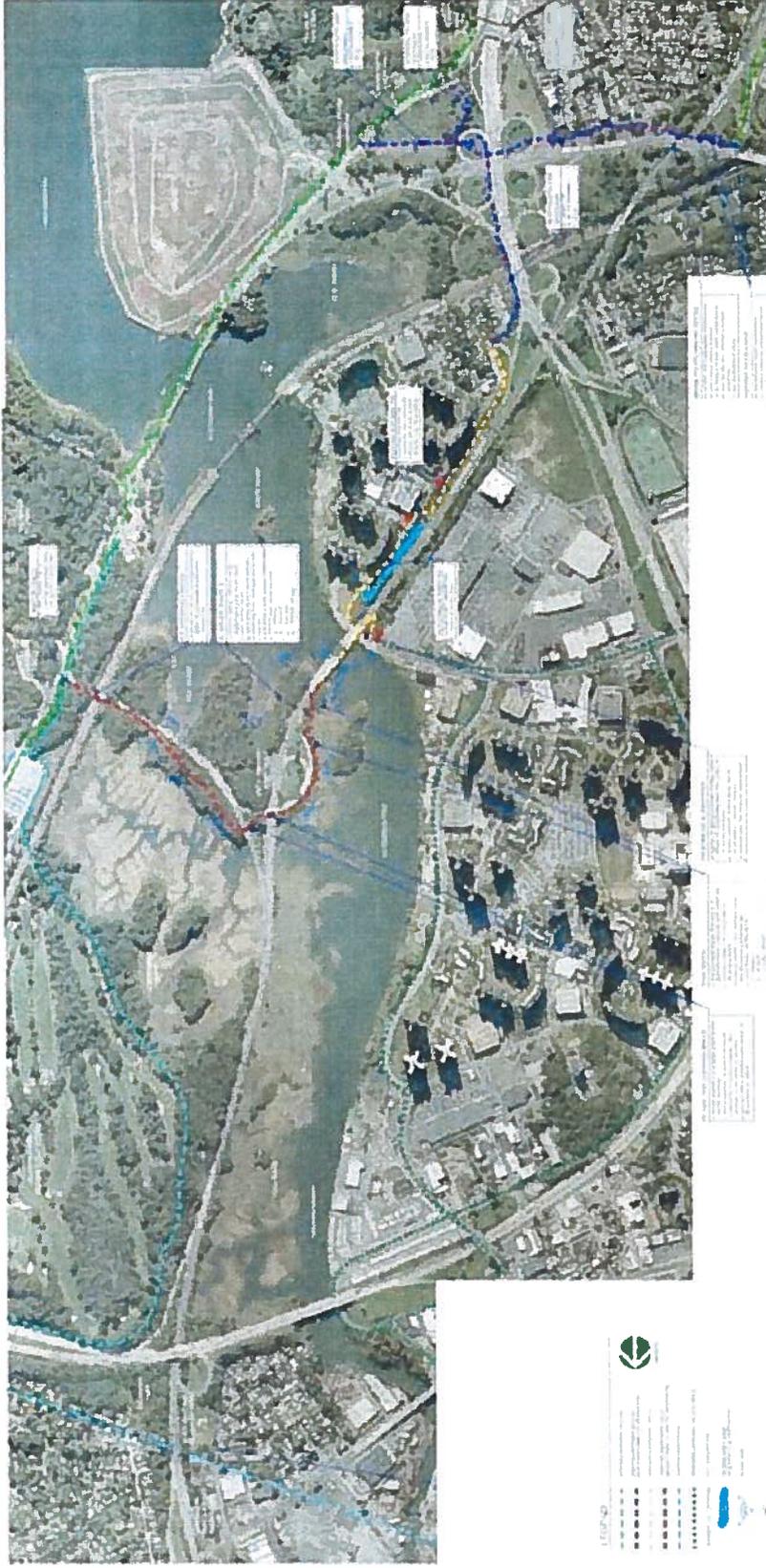
between Pelham Parkway and Bartow Pell Circle

\$2,606,000

AREA C
PELHAM PARK - SPLIT RIVER TRAIL

AREA B
CO-CITY

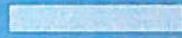
AREA A
PELHAM PARK SOUTH



LEGEND

- Greenway
- Trail
- Other
- Water
- Land Use
- Other

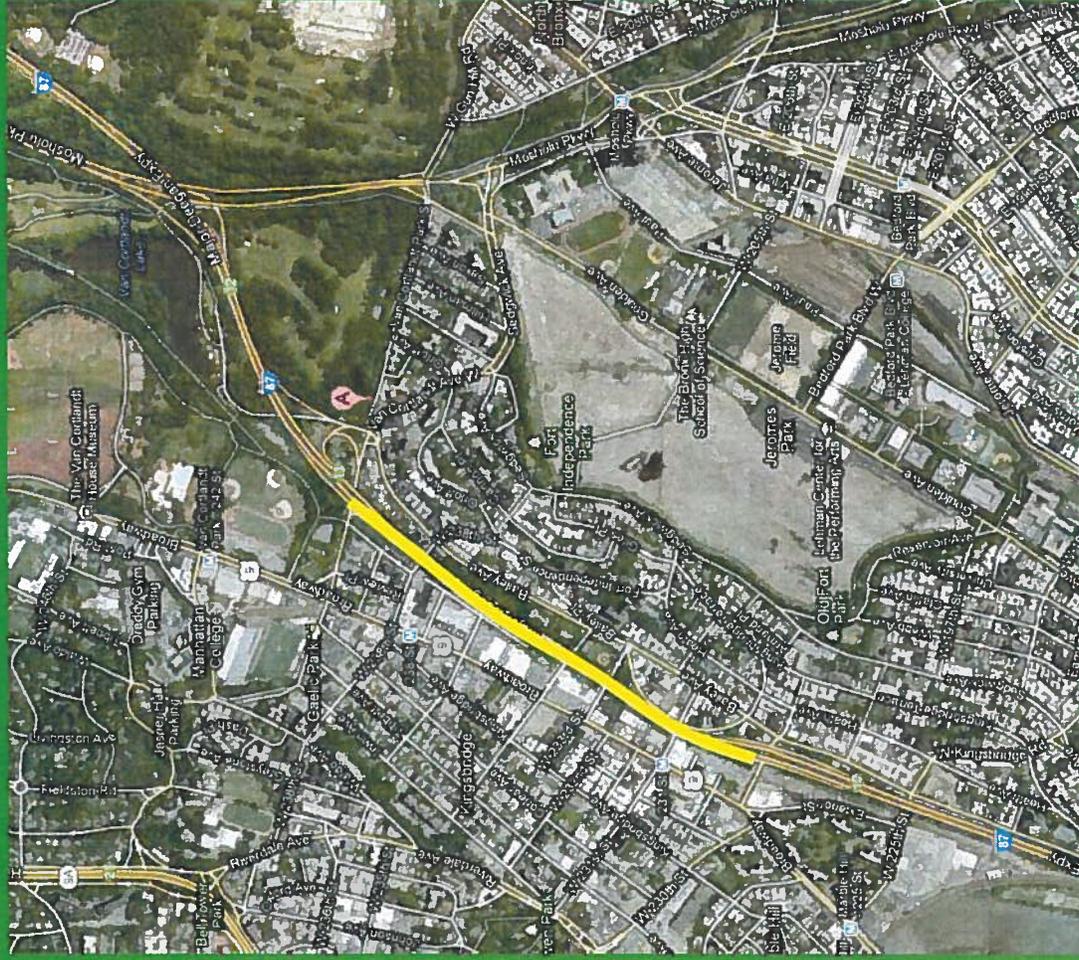
PROJECTS IN DESIGN



CB 8 – Putnam Trail: Acquisition of Right of Way

Between the Van Cortlandt Park South and 230th Street

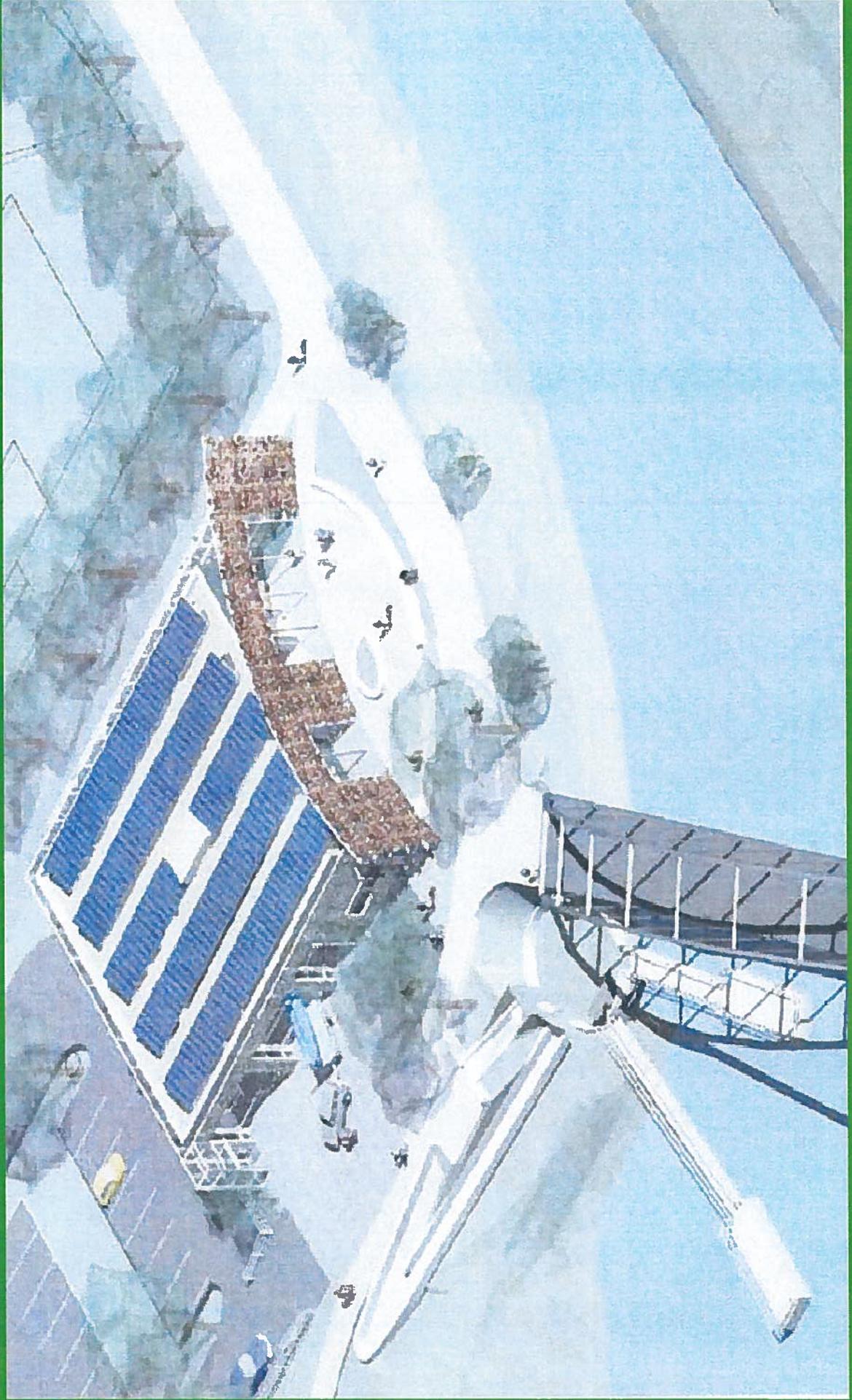
\$1,904,930



CB 9 – Starlight Park Bronx River Greenway River House

Sheridan Expressway Service Road & Bronx River

\$11,992,348



ADDITIONAL PROJECTS IN DESIGN:

CB 3 - CROTONA PARK MEZZANINE	\$850,000
CB 8 - OLD CROTON AQUEDUCT SIGNAGE	\$350,000
CB 9 - SOUNDVIEW AMPHITHEATER	\$1,382,500
CB 9 - PUGSLEY PLAYGROUND	\$724,000
CB 10 - FERRY POINT PARK COMFORT STATION	\$2,370,000
CB 11 - PELHAM PARKWAY	\$1,357,395
CB 12 - VCP GREENHOUSE	\$2,500,000
CB 12 - 233 rd STREET GREENWAY	\$2,400,000

Croton Tree Replacement Project

Forest Restoration - \$13.4 million

Spread out over 10 years – FY2006 to FY2015



On average \$1.3 million was spent each year; approximately \$9.1 million was spent from FY06 to FY12.

CB 7 - JEROME RESERVOIR JOGGING TRAIL

Sedgwick Avenue to Goulden Avenue

\$4,100,000



The Construction of a Jogging Trail Around
the Jerome Park Reservoir

City of New York
Parks & Recreation



MCW + ASSOCIATES, LLC
Landscape Architecture and Planning

WM-11 Croton Water Treatment Plant
Cost Summary as of 11/30/2012

Croton WTP Construction Costs							
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	Amount Invoiced to Date	% Contract Increase	% Complete based on Amount Invoiced to Date
CRO-311	Schiavone Construction Co.	\$127,660,000	~\$14,445,214	\$113,214,786	\$113,214,786	-11%	100%
CRO-312G	Skanska/Tully, JV	\$1,327,700,000	\$140,604,717	\$1,468,304,717	\$1,290,764,511	11%	88%
CRO-312E1	Schlesinger-Siemens, LLC	\$134,680,000	\$25,003,986	\$159,683,986	\$90,232,240	19%	57%
CRO-312E2	Schlesinger-Siemens, LLC	\$37,678,000	\$7,358,105	\$45,036,105	\$33,378,048	20%	74%
CRO-312H	Durr Mechanical Construction	\$105,700,000	\$24,657,834	\$130,357,834	\$105,755,957	23%	81%
CRO-312P	Picone/WDF, JV	\$58,475,000	\$14,725,903	\$73,200,903	\$64,486,326	25%	88%
CRO-312OS-G	Picone-Schiavone, JV	\$96,842,500	\$29,661,365	\$126,503,865	\$98,066,045	31%	78%
CRO-312OS-E	Eldor Electric	\$15,762,500	\$1,617,379	\$17,379,879	\$12,571,240	10%	72%
CRO-312OS-H	AWL Industries	\$822,000	\$56,971	\$878,971	\$448,643	7%	51%
CRO-312OS-P	JPP Plumbing	\$872,000	\$194,117	\$1,066,117	\$783,981	22%	74%
CRO-312FM (1)	Maspeith Supply Co. LLC	\$18,626,745	-\$324,387	\$18,302,358	\$911,622	-2%	5%
CRO-313	Schiavone/Picone, JV	\$212,227,000	-\$6,787,681	\$205,439,319	\$205,645,619	-3%	100%
CRO-315G	Angelakis Construction Corp.	\$3,641,000	\$2,282	\$3,643,282	\$3,643,282	0%	100%
CRO-315E	Interphase Electric	\$807,317	\$144,874	\$952,191	\$952,191	18%	100%
CRO-312CE	Con Edison	\$4,074,526	\$0	\$4,074,526	\$2,716,351	0%	67%
TOTAL		\$2,146,666,688	\$222,470,261	\$2,368,036,939	\$2,023,670,840	10%	86%
Croton WTP Design / Construction Management Costs							
HED-543 DES	Metcalf & Eddy / Hazen and Sawyer, JV	\$44,226,000	\$248,899,624	\$293,125,624	\$275,113,285	563%	94%
HED-545 CM	URS/Malcolm Pirnie, JV	\$63,400,000	\$76,195,713	\$139,595,713	\$112,234,944	120%	80%
TOTAL		\$107,626,000	\$325,095,337	\$432,721,337	\$387,348,229	302%	90%

Rehabilitation of the New Croton Aqueduct Construction Costs							
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	Amount Invoiced to Date	% Contract Increase	% Complete based on Amount Invoiced to Date
CRO-334G	Frontier-Kemper/Schiavone/ Picone JV	\$91,696,805	\$23,212,037	\$114,908,842	\$90,701,055	25%	79%
CRO-334E	Community Electric	\$1,119,000	\$292,715	\$1,411,715	\$1,034,088	26%	73%
TOTAL		\$92,815,805	\$23,504,752	\$116,320,557	\$91,735,143	25%	79%
Rehabilitation of the New Croton Aqueduct Construction Management Costs (2)							
TOM-CRO-334	Washington/HAKS JV	\$5,952,446	\$2,161,900	\$8,114,346	\$8,114,346	36%	100%
TOTAL		\$5,952,446	\$2,161,900	\$8,114,346	\$8,114,346	36%	100%

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
 January 17, 2013

Task	Current Forecasted Completion	Dec-12				Jan-13				Feb-13				Mar-13				Apr-13		
		WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	
CRO-312 - Water Treatment Plant Construction at Mosholu Site Water and Sewer Work in Jerome and Bainbridge Avenues Entrance Driveway Site Utility Work (Intermittent) Furnish and Install Equipment, Electrical, HVAC and Plumbing Work for Water Treatment Plant Checkout, Field Equipment Testing and Field System Testing - Plants A and B	2/28/2013																			
	2/28/2013																			
	5/4/2013																			
	7/31/2013																			
CRO-312OS - Off-Site Facilities at Jerome Park Reservoir and Gate House No. 1 Shaft and Meter Chamber and Yard Work Rehabilitation Work and Entry Point Monitoring in Gate House No. 5 Rehabilitation Work in Gate House No. 1 Rehabilitation Work at Shaft 3 and in Sedgwick Ave	5/31/2013																			
	5/31/2013																			
	3/31/2013																			
	7/1/2012																			
Mosholu Pump Station Water Main Work (Interior, Grass Area and Street) CRO-312EM - Residuals Force Main to Hunts Point Restoration of Test Pits Along Original Force Main Route	11/4/2013																			
	3/31/2013																			
CRO-334 - Rehabilitation of New Croton Aqueduct Clean North and South Basins at Jerome Park Reservoir	1/18/2013																			
	TBD																			
Begin Startup and Testing of Water Treatment Plant Complete Above Grade Architectural Work at DEP Area Complete Golf Course Clubhouse, Driving Range, Etc.	4/6/2013																			
	12/31/2014																			
TBD																				

CROTON WATER TREATMENT PLANT AND OFFSITE FACILITIES AT JEROME PARK RESERVOIR

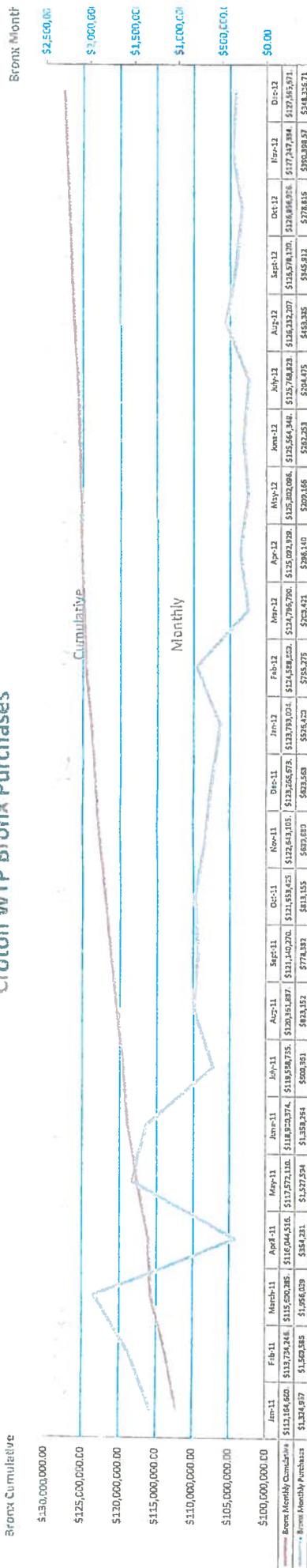


Attachment 6

	January-11	February-11	March-11	April-11	May-11	June-11	June-11	June-11	Aug-11	Sept-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	June-12	July-12	Aug-12	Sept-12	Oct-12	Nov-12	Dec-12
Bronx Workers	162	159	137	142	132	127	125	131	131	139	142	135	132	132	121	131	127	133	129	116	116	104	131	121	91
Total Workers	988	1014	941	822	842	864	791	762	789	844	789	799	753	820	722	732	706	727	725	703	681	703	700	683	615
Bronx Workers %	16%	16%	15%	17%	16%	15%	16%	17%	16%	16%	18%	17%	18%	16%	17%	18%	18%	18%	18%	17%	17%	15%	19%	18%	15%

Total Average Overall= 15%

Croton WTP Bronx Purchases



TOP FIVE VENDORS TO DATE

Cumulative as of Dec-12	Center Sheet			Perimeter Security	
	Jenna Concrete	CFS Steel	Metal	Tilcon	Security
	40,107,127.24	37,046,839.71	32,604,207.00	2,438,686.83	4,130,253.45