

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION  
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES  
THURSDAY, SEPTEMBER 16, 2010 – 7:00 PM**

The Croton Facility Monitoring Committee (CFMC) met on Thursday, September 16, 2010 at the DEP Community Office, 3660 Jerome Avenue, Bronx, NY 10467.

Attending - CFMC representatives:

Damian McShane, Chairman, CFMC and Community Board # 8; Paul Foster, Community Board #7; Margot Perron, Van Cortlandt Park Administrator, Bronx Office, Parks and Recreation Department (DPR); Jessica Noon and Wilhelm Ronda, Bronx Borough President's Office; City Council Member G. Oliver Koppell and Jamin Sewell, Office of Council Member Koppell; Mark Lanaghan, Department of Environmental Protection (DEP). Present were staff of DEP, DEP's construction manager, and members of the public. Attendees are listed on *Attachment 1*.

Mr. McShane, CFMC Chairman, convened the meeting at 7:15 pm. The meeting agenda is *Attachment 2*.

Welcome

Mr. McShane thanked everyone for coming to the meeting. He said that Father Gorman, Chair, and Carmen Rosa, District Manager of Community Board #12 could not attend.

Adoption of CFMC Meeting Minutes

Mr. McShane asked for a motion to consider and adopt the June CFMC meeting minutes. Mr. Sewell made the motion. By a unanimous vote of six representatives, the minutes were adopted.

Construction Update/Look-ahead (*Attachment 3*)

Bernard Daly, Croton Executive Project Manager, provided a 90 day look-ahead schedule and gave the status of the Croton contracts.

The CRO-312 contractors are continuing construction activities at the Van Cortlandt Park (VCP) site. Structural concrete placement for the plant is currently about 98% complete; the final roof placement was on July 29<sup>th</sup>. Work has started to build the Arrivals and Receiving's Building, Chemical Fill Station and above ground structures vent/stairway structures. Most of the construction work is now inside the treatment plant structure. Installation of mechanical, electrical, plumbing and HVAC work continues – notably, there are twelve large pumps required for plant operations and four have been installed. Utility work and retaining wall construction at the plant's entrance continue, and a new pedestrian walkway has been built from Jerome Avenue to the entrance so pedestrians no longer walk in the roadway.

The CRO-313 tunnel contractor is building the Raw Water and Treated Water Shafts at the VCP site.

The CRO-312-OS contractor completed the floor slab of the Shaft and Meter Chamber and is installing large diameter piping. Work is continuing on improvements to the Gate Houses. In the South Basin, DEP approved constructing the ramp footings without rock excavation. Foundations are currently being poured; several are completed. Mr. Ronda asked for the cost savings by not having to excavate in the South Basin. Mr. Daly said approximately \$500,000 in savings was realized.

Mr. Daly said that in the next eight or nine months -- optimally when school is not in session -- there will be street work in Goulden Avenue and at Gate House 7. Mr. Daly said the excavation and pipe trench blasting for water main connections at Goulden Avenue in front of Gate House 7 (which will be substantially less excavation than for Shaft and Meter Chamber) would be minimized and controlled to the extent possible. He said the street work will likely be the noisiest segment of construction at JPR affecting the Bronx High School of Science area. Mr. Sewell asked (and Council Member Koppell asked when he arrived) whether DEP would commit that the street work would take place during the 2011 summer break. Mr. Daly said he hoped that schedule could be met but the work may not be ready by summer 2011. He said DEP will work with the Bronx High School of Science, and will administer any blasting after school hours as requested last year by Council Member Koppell. Richard Barr, Bronx High School of Science Parents Association, asked for specific dates of the work. Mr. Daly said he does not yet have the contractor's plan, but will provide the information when available.

Anne Marie Garti, Jerome Park Conservancy, asked about the work to remove the foundation of the demonstration filter plant. Mr. Daly said it is expected to be next year under a contract Change Order that has been registered.

Michael Gary, representing State Senator Espada, complained about rats in the neighborhood, particularly near the south part of Van Cortlandt Park near Gun Hill Road. Although rodents are unlikely to be associated with Croton construction, Mr. Daly said the Department of Health and Mental Hygiene would be contacted to investigate. Mr. Daly added that litter baskets around the Goulden Avenue part of the reservoir are maintained by the contractor, and litter baskets along Sedgwick Avenue are maintained by DEP. He also noted that dumping was occurring on Goulden Avenue and that the Construction Manager was contacting 311 when they saw a problem.

Contract CRO-315 work is substantially complete. Mr. Daly repeated that there is no water in the JPR basins and no chlorine on site. JPR basins will not be filled, pending work on the New Croton Aqueduct (NCA) under Contract CRO-334. The CRO-334 contractor is entering the in-city section of the NCA through Shaft 21 atop the JPR dividing wall.

CRO 312-FM work has not proceeded according to the original schedule. Test pit results showed twelve thousand linear feet of trolley tracks that would interfere with the designed force main route, and would have to be removed. DEP is currently investigating a shorter route, but may conclude that the original designed route is

preferable. DEP is analyzing the best route options and any mitigation. Mr. Daly said he would have more information at the next CFMC meeting.

Preliminary Information on M/WBE Event and Update on Public Access at JPR

Mr. Lanaghan said, with Ms. Noon and Marlene Cintron of Bronx OEDC, DEP is planning an event for Croton contractors to meet with certified minority and women owned businesses that provide construction-related services. The meeting and networking event is in the morning of Wednesday, October 13 in the Rotunda at Bronx Courthouse, 851 Grand Concourse. In addition to having the Croton construction contractors' firms present, DEP is reaching other firms that are building or overseeing DEP projects in the Bronx. CFMC representatives are invited to attend.

Mr. Lanaghan said that the number of Bronx-based employees working at Croton has continued to be lower than in previous years but is similar to the percentages in recent reports (*Attachment 4*).

Council Member Koppell said the jobs report is disturbing. Although there is a large workforce, the decrease in Bronx-based workers is undesirable. He said he would speak to DEP's Commissioner to urge an improvement in this area.

Mr. Lanaghan said it is important to acknowledge that emphasis on hiring Bronx-based workers is a voluntary program. While DEP can request that contractors improve, DEP cannot force them to. He and Mr. Daly said that more workers are on site for civil work on the Arrivals and Receiving's Building, and additional workers are now at JPR. The trend for laborers is down as compared with 2009, when a large number of laborers were placing concrete and handling related activities. Mr. Daly said that many laborers who were at Croton have been transferred to the World Trade Center projects. Although they are not at Croton, they are working. At Croton, skilled trades for electric, plumbing, and steamfitting are predominant. The unionized laborers are comprised of more Bronx-based workers than some of the other union locals. Mr. Lanaghan said that DEP will schedule meetings with up to three union locals, and he will report back to the CFMC at its next meeting.

Mr. Lanaghan said that the pre-apprenticeship training program run by the Carpenters Union and CityTech is nearing completion with 18 candidates graduating. He will provide the zip codes of the graduates to the CFMC pursuant to Mr. Foster's previous request, once they are provided by the training class coordinator.

Mr. Lanaghan said the JPR public access report is nearing completion. He is meeting with the Deputy Commissioner of the Bureau of Water Supply Operations and Deputy Commissioner of Security to review the working group's conclusions and next steps. He said that Commissioner Holloway met with the working group and requested limited, tightly-controlled public access to JPR. He said that specific plans will be made after the CFMC discusses the report, and in consultation with the CFMC.

Mr. McShane said he wants to calendar an entire CFMC meeting for the public access report. He said the CFMC will have its own ideas for public access. Mr. Sewell said he spoke to Fr. Gorman who spent two weeks in Putnam County this summer, and said he saw boating in the reservoirs. Fr. Gorman reported that traffic enforcement seems a higher priority than watershed protection for law enforcement. Mr. Ronda suggested that the CFMC tour the watershed, to see that the public can fish and boat in the reservoirs, and hike in watershed lands.

Mr. Lanaghan said that prior to 1985 public access was possible at JPR and many of the community people who were interviewed about public access asked for similar recreational and educational opportunities at JPR. These are the two possibilities described in the public access report. Mr. Barr said one can still drive over the Ashokan Reservoir along Route 28. Mr. Lanaghan said he thought the road over the dam was no longer open to motorists.

Ms. Garti said she appreciates the progress to get the public access report completed. She said that in her visit upstate she saw that even in West of Hudson waterbodies there can be small sailboats and kayaks. The public can walk across Croton Dam at the NCA. There is no fence, no DEP Police, and the reservoir is thousands of times larger than JPR.

Mr. McShane said that the public access report must be sent to the CFMC well ahead of the meeting where it will be discussed.

#### CFMC Discussion

Mr. McShane and Council Member Koppell asked for the VCP golf course designer to come to the next CFMC meeting. Mr. Koppell said alienation of park land for the driving range has not been addressed and should be discussed at the next meeting. Mr. Lanaghan said the matter of park alienation would be part of the golf course presentation, but the above ground park would be larger than before, and no additional alienation is required since parking lots have routinely been constructed for park use in large city parks – including Flushing Meadows-Corona Park, Prospect Park, Van Cortlandt Park and Central Park. Ms. Perron said there were design options for parking and that the least troublesome design was selected.

Before the CFMC adjourned, Frank McCue, DPR, gave a progress report on work at Harris Field. He said on August 17th the last of the material (approximately 19,000 tons) was transported to a regulated disposal facility. Testing showed all of the stockpiled material was contaminated, not hazardous. The synthetic fields are being inspected and will be available for use during the Sept 18/19 weekend. (Note: the fields opened to the public on 9/16/10) DPR is currently negotiating the Change Orders with the contractor for constructing the four natural fields which DPR hopes can be completed during fall 2010. Once completed, the sod must knit for one to two seasons, meaning that the fields would be available late spring or early summer. In response to Council Member Koppell's request for an update on Vinmont Park, Mr. McCue said he would check the status and provide the information to Mr. Koppell via email the following day.

The CFMC set the next meeting for Wednesday, October 27th at 7 pm.

Mr. McShane asked for a motion to adjourn, which was made by Mr. Foster. The meeting adjourned at 8:20 pm.

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
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Robert Barnes	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	<a href="mailto:rbarnes@dep.nyc.gov">rbarnes@dep.nyc.gov</a>
Jessica Noon	Office of Bronx Borough President Ruben Diaz Jr	851 Grand Concourse Bronx NY 10451	(718) 590-3881	(718) 590-2698	<a href="mailto:jnoon@bronxbp.nyc.gov">jnoon@bronxbp.nyc.gov</a>
Anne Marie Garti	Jerome Park Conservancy	3967 Sedgwick Avenue Bronx NY	(718) 601-1322; (718) 884-7864		<a href="mailto:annemarie@garti.net">annemarie@garti.net</a>
Mark Lanaghan	Asst Comm, Intergov.Affairs DEP	59-17 Junction Blvd. Corona NY 11368	(718) 595-3519	(718) 595-3477	<a href="mailto:mlanaghan@dep.nyc.gov">mlanaghan@dep.nyc.gov</a>
Damian McShane	Chairman, Community Board #8	5676 Riverdale Ave Bronx NY 10471	(718) 884 3959		<a href="mailto:dmcshane@panynj.gov">dmcshane@panynj.gov</a>
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Margot Perron	Van Cortlandt Park Administrator	1Bronx River Parkway Bronx NY	(718) 430 1890	(718) 430-1893	<a href="mailto:margot.perron@parks.nyc.gov">margot.perron@parks.nyc.gov</a>
Frank McCue	Dept of Parks & Recreation	Olmstead Center Flushing NY 11368	(718) 760-6676		<a href="mailto:frank.mccue@parks.nyc.gov">frank.mccue@parks.nyc.gov</a>
Jamin Sewell	Office of Council Member Koppell	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		<a href="mailto:jsewell@council.nyc.gov">jsewell@council.nyc.gov</a>
Michael Gary	Representing State Senator Espada	80 Van Cortlandt Park S. Bronx NY 10463	(718) 549 4811		<a href="mailto:grampafloink@gmail.com">grampafloink@gmail.com</a>

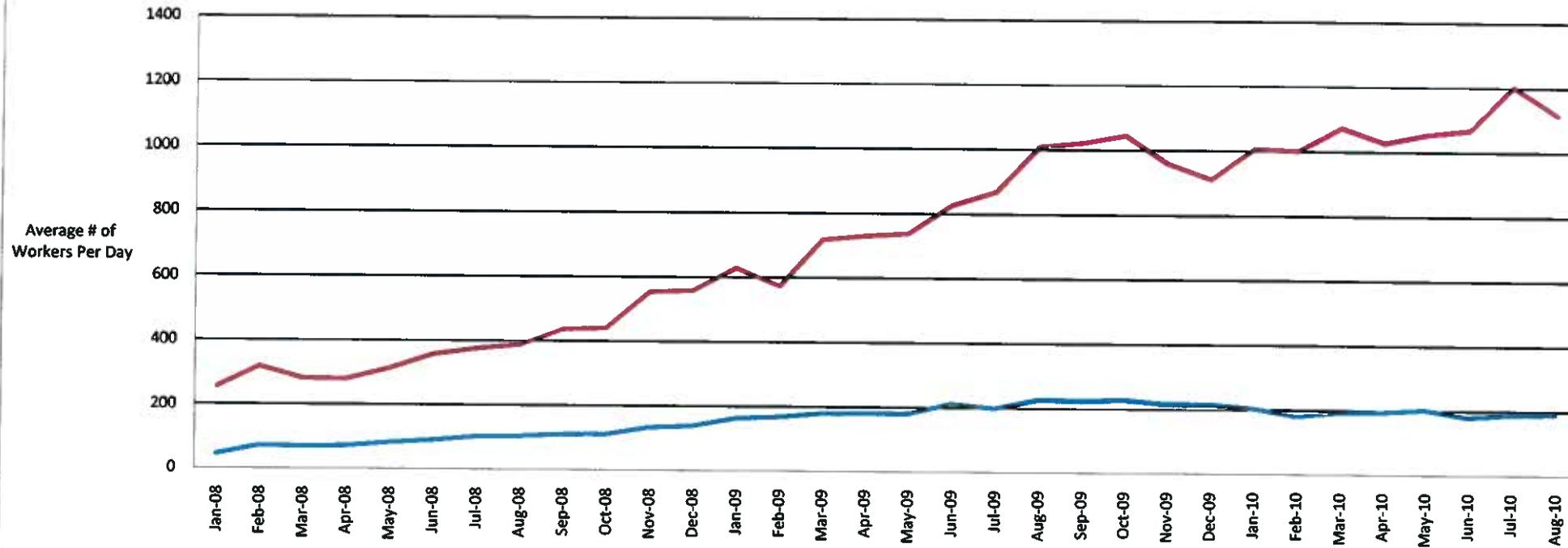
**Agenda**  
**Croton Facility Monitoring Committee Meeting**  
Thursday, September 16, 2010 – 7:00 PM  
DEP Community Office, 3660 Jerome Avenue, Bronx NY 10467

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|---|--------------------------|
| <b>I Welcome</b>  | Damian McShane, Chairman |
| <b>II Consider, Adopt 6/17/10 Meeting Minutes</b>                                       | CFMC Representatives     |
| <b>III Construction Update and Look-ahead<br/>Including Status of Force Main</b>        | Bernard Daly, DEP        |
| <b>IV Brief Update on Croton Jobs, Training<br/>Including M/WBE Meeting on 10/13/10</b> | Mark Lanaghan, DEP       |
| <b>V Status of Public Access Report</b>   | Mark Lanaghan            |
| <b>VI CFMC Discussion, Set Next Meeting</b>   | CFMC Representatives     |
| <b>VII Adjourn</b>  |                          |

WM-11 Croton Water Treatment Plant  
 Facility Monitoring Committee  
**90 Day Look-Ahead Schedule**  
 September 16, 2010

Task	Current Forecasted Completion Date	Sep-10		Oct-10				Nov-10				Dec-10	
		WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2
		<b>CRO-312 - Water Treatment Plant Construction at Mosholu Site</b> Placement of Structural Concrete for DEP Above Grade Structures 12/31/2010 Entrance Driveway and Site Utility Work (Intermittent) 9/1/2011 Utility Work in Jerome Avenue (Intermittent) 2/18/2011 Furnish and Install Equipment, Electrical, HVAC and Plumbing Work for Water Treatment Plant 5/4/2012											
<b>CRO-312OS - Off-Site Facilities at Jerome Park Reservoir and Gate House No. 1</b> Shaft and Meter Chamber & Yard Piping at Jerome Park Reservoir 4/18/2012 Rehabilitation Work in Gate House Nos. 1, 2, 3, 5, 6 & 7 (Intermittent) 11/5/2012 South Basin Ramp at Jerome Park Reservoir 12/31/2010													
<b>CRO-312FM - Residuals Force Main to Hunts Point</b> Force Main from WTP to Hunts Point WPCP in Bronx Streets 7/30/2012													
<b>CRO-313 - Water Tunnels and Associated Works</b> Complete Tunnels and Shafts 11/19/2010													
<b>CRO-315 - Demolition and Modifications of Structures at Jerome Park Reservoir</b> Punch List Work 9/30/2010													
		2011		2012				2013				2014	
Begin Startup and Testing of Water Treatment Plant				◆									
Commence Operation of Water Treatment Plant								◆					
Above Grade Architectural Work at DEP Area												◆	

### 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	June-10	July-10	Aug-10
— Bronx Workers	46	73	70	72	83	91	102	104	110	111	133	139	163	168	180	181	181	212	199	227	224	228	216	216	204	181	193	195	203	181	190	191
— Total Workers	254	317	280	278	312	356	374	387	436	441	553	558	629	573	718	730	738	827	869	1009	1021	1045	959	912	1007	1001	1073	1027	1054	1067	1202	1115
Bronx Workers %	18%	23%	25%	26%	27%	26%	27%	27%	25%	25%	24%	25%	26%	29%	25%	25%	25%	26%	23%	22%	22%	22%	23%	24%	20%	18%	18%	19%	19%	17%	16%	17%

**Total Average Overall = 17% for CRO312G, CRO-312E1, CRO-312E2, CRO-312H, CRO-312P and**