

AGENDA
Croton Facility Monitoring Committee Meeting

Thursday, January 19, 2006 – 5:30 PM – 7:15 PM
Community Board #12– 4101 White Plains Road
Bronx NY 10466 (718)881-4455

- | | |
|---|--|
| I. Welcome and Introductions | John Leonforte
5:30 PM - 5:35 PM |
| II. Comments from the Public – Sign up to Speak | 3 Minute Maximum.
5:35 PM – 6:05 PM |
| III. Discussion about Local Youth Training, Job Readiness, Local Vendors | Greg Faulkner- Goals & Rich Friedman - Progress
6:05 PM - 6:20 PM |
| IV. Air Quality Programs Update | Gerry Kelpin
6:20PM – 6:25 PM |
| V. Off-Road Equipment Retrofit & On-Road Emissions Reductions Status | Bernard Daly & Michael Block - Emisstar
6:25 PM – 6:40 PM |
| VI. Schedule for Construction and Improvements at Jerome Park | Tom Tipa, Paul Smith
6:40 PM – 6:55 PM |
| VII. Construction and 3 Month Look Ahead Schedule | Bernard Daly
6:55 PM – 7:05 PM |
| VIII. Recommendation to Discuss Structure of CFMC | Greg Faulkner, & CFMC
7:05 PM – 7:10 PM |
| IX. <u>CFMC COMMENTS</u> | 7:10 PM – 7:15 PM |
| X. Adjourn | John Leonforte - 7:15 PM |

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES**

THURSDAY, JANUARY 19, 2006 – 5:30PM

The January 2006 meeting of the Croton Facility Monitoring Committee pursuant to City Council Resolution 933/1999 was held on January 19th at the office of Bronx Community Board #12, 4101 White Plains Road, Bronx NY 10466. The names of the CFMC representatives and alternates, staff from DEP and its consultants, and members of the public are attached. (*Attachment 1*)

The meeting commenced at approximately 5:40 PM; an agenda (*Attachment 2*), which had been circulated to the CFMC, was available.

Welcome

John Leonforte, DEP BEDC's Director of Intergovernmental Coordination, served as facilitator, and welcomed the CFMC and guests. He requested public comments at the start of the meeting. The format is three minutes per speaker, upon sign-up to speak. Comments and questions are welcomed; however, DEP will not respond to public questions at the meeting. After the public portion of the meeting, participation is limited to the CFMC.

Public Comments

Jane Sokolow, Chair, Friends of Van Cortlandt Park and resident of Community Board #8, said she visits the site regularly and has found that the contractor's work practices are generally good. Except during the dry spell when dust was prevalent at all construction sites, the Croton area has been free of dust. Overall, DEP and the contractor are managing the project satisfactorily.

Robert Press, Committee of 100 Democrats, said Van Cortlandt Park is the wrong place for the Croton Filter Project. It should be constructed elsewhere, and should be designed using membrane filtration technology.

Frank Schoenfeld, resident of 80 Van Cortlandt Park South, said that if another site had been selected for the project, the water could be filtered before 2011. He said that the city cannot allow reservoirs and dams upstate to be compromised or the city's drinking water could be jeopardized.

Mr. Leonforte closed the public portion of the meeting.

Youth Training, Jobs, Hiring

Greg Faulkner, Chair of Community Board #7, said he requested a discussion at the CFMC about the need for youth training and job preparation as part of the Croton Filter Project's activities. He said that Community District #7 has the unfortunate distinction of

having the largest youth unemployment in the Bronx. He said that the CFMC should establish targets and work to increase employment opportunities and apprenticeships on future Croton Filter Project contracts. He suggested getting the Department of Education to bring its Quick Start programs to the area. He said that the CFMC should work with DEP to ensure that the jobs, that were assured as a reason to site the project in the Bronx, would be realized. Mr. Faulkner said he has discussed the need for job readiness services with DEP's Richard Friedman and Robert Barnes, and he believes that the CFMC's support can add significantly to increase opportunities.

Mr. Friedman presented an updated summary of Bronx residents at work on the Croton Filter Project. As of November 30, 2005, 30% of the contractor's employees were from the Bronx. Ken Parr, Community Board #12, asked what percentage of the 30% Bronx workers come from the Community Board #7, 8, and 12 areas. Mr. Friedman said the statistics were not provided that way; he said he would see whether he could get that information. In response to requests, it was agreed that the November breakdown would be attached to the meeting minutes (*Attachment 3*)

Mr. Faulkner asked DEP to present information at the next meeting about what job applicants are told when they come to the DEP community office to fill out applications. He asked DEP to present what they tell applicants about their chance for work, the time that it will take before jobs are available, and what the applicant can do to increase his/her chance to be hired in the meantime. He said that accurate and realistic information needs to be a part of the outreach to potential construction employees.

Mr. Faulkner said that the CFMC should consider passing a resolution that calls upon the City Council to increase the requirements for local employment on construction projects.

Lyn Pyle, Community Board #7, said there is little if any citywide commitment to local employment.

Mr. Friedman and Bernard Daly, DEP, said that the city contract requirements for Minority Business Enterprise, and Women Business Enterprise are governed by certification from New York State. If a business is certified, it is eligible to be a MBE or a WBE contractor or subcontractor on any construction job administered by government. The minority or woman owned business does not have to be located near the project or even in New York City so long as it meets certification requirements.

Note: At Mr. Faulkner's request, the contractor will be requested to attend a future CFMC meeting to discuss jobs and local hiring opportunities.

Air Monitoring/Air Quality

Gerry Kelpin, DEP's Bureau of Air, Noise & Environmental Enforcement, said that air monitoring equipment has been installed along Jerome Avenue and on Bainbridge Avenue. As of December 10, 2005, both 24 hour particulate monitor samples and 10 hour samples are being collected. Since December 10th there have been 12 to 16 samples

taken at each site for a total of 165 samples. The program is still in shakedown period. At present the samples are being weighed and data is being collected.

The continuous monitors are being assembled at the DEP laboratory. The roof top monitor has not yet been installed at Middle School IS 308 while liability issues are addressed. The second rooftop monitor needs to be sited. Ms. Kelpin's bureau is considering use of a rooftop on Jerome Avenue. For the installed on-site monitors, three of five are currently in operation. Results from them may be available at the next CFMC meeting.

On Site Equipment

Michael Block, Emissstar, spoke about the status of on-site equipment retrofits for emissions reductions. Most of the equipment will be installed by April 2006.

Ms. Pyle asked why the procurement and installation is taking so long. Mr. Block said that this DEP project represents the first time the retrofit equipment has been installed in a cold climate. There have been manufacturers' delays while details were sorted out among manufacturers. The retrofit equipment is thus taking longer to fabricate, and longer to fabricate its component pieces. The engineering has also taken longer than originally projected, and the equipment has been more complicated than expected. The original timeframe set forth by Emissstar was optimistic. Ms. Pyle requested that Emissstar's presentation be attached to the minutes (see *Attachment 4*).

Saul Scheinbach, Community Board #8, asked for more information about trucks with Active Diesel Particulate Filters (ADPFs). Mr. Block said that a vendor located in the Northeast, worked out the method to customize these filters. He explained that there are two types of active filters: (1) plug to power source to regenerate; (2) use energy from the truck to regenerate the filter. Mr. Block said that quarry trucks, in use at the Croton Filter Project, will use power from the truck's electrical system to regenerate the filter.

Father Gorman, Chair, Community Board #12, asked, since this is the first time for the manufacturer and the first time for the process, whether the Croton retrofits will be a trial and error experiment, or will work successfully. Mr. Block said that passive filter technology has been in use since the 1990s and the current plan is an improvement to an existing application. In California, the retrofits are in use in school buses although he repeated that it is a warmer climate.

Mr. Daly added that Diesel Oxidation Catalysts (DOCs) could have been planned for some of the on-site equipment at Croton, but both extra cost and effort were authorized by DEP to give the community the best available technology at Croton. For the next Croton contract, Tunneling – CRO 313, contractors that submit bids must use best available technology for the onsite equipment over 50 HP as per Local Law 77.

On Road Emissions Reductions

Mr. Daly reported that the contractor's trucking company was planning to install DOCs on trucks (as was discussed at the December 2005 FMC Meeting) but the trucking firm was subsequently banned from the Croton site. Mr. Daly said he could not discuss the

reasons for the company's dismissal, but there are now new trucking firms doing the work. Emisstar and DEP have developed a proposal for 85% emissions reductions on a number of trucks by using ADPFs which have been found to be more efficient than ULSD or DOCs. The vehicles with ADPFs will get "plugged in" for regeneration at night. At an earlier DEP meeting in her office on January 19th, Commissioner Emily Lloyd said that 10 trucks would be outfitted under the current Croton contract, and that future contracts let by DEP (not solely the Croton contracts) would require that certain trucks be outfitted with ADPFs or 2007 engines or their equivalents. In response to a question, Mr. Friedman said that the earlier meeting with Commissioner Lloyd had included Ms. Pyle, Mr. Scheinbach and Joe Gordon of Council Member Koppell's staff.

Ms. Pyle said she is not enthusiastic about the off site trucks retrofit proposal because she wants every truck to have ADPF technology. Mr. Daly replied that such a request was overly ambitious because a 50 – 60 truck fleet would need the space and equipment to plug in and regenerate those vehicles at night. He also stated that the cooperation of the contractor and truckers would be required to retrofit more than ten trucks.

Jerome Park Improvements

Paul Smith, DEP, said that there are a number of DEP contracts that relate to work at Jerome Park. While they are not firm because of potential budget cuts of up to \$500 million at DEP, they have been programmed and eventually will be constructed. These include:

CRO 313 – Tunnels & associated work. This contract will construct treated water shafts & shaft piping as well as construction of Shaft 21A

CRO 3120S – Croton Filter Project off-site facilities. This contract will construct shaft chamber & piping in chamber; distribution system piping & connections; modifications to structures around Jerome Park Reservoir (Gate houses #2, 3, 5; Gate house 6 & microstrainer building; Gate house 7 & Mosholu pumping station)

CRO 334 – New Croton Aqueduct rehabilitation. This contract will stabilize the Aqueduct and provide access and staging at Shaft 21

CRO – 315 – Demolition of Demonstration Water Treatment Plant. This contract will remove equipment and the structure

MOS G/E – Mosholu Pumping Station. This contract will provide an interim electrical system upgrade

Tom Tipa, DEP, said that security fencing is being installed as a precaution and it will be completed by summer 2006. A guard booth will be staffed in the near future. Gatehouse 5 will be upgraded (CRO 3120S), and the demonstration filter plant will be demolished (CRO 315) with landscaping in its place. Ms. Pyle made a request that came from Anne Marie Garti, Jerome Park Conservancy, to know when the promised landscaping will be provided. Mr. Smith said it will be done at completion of contracts. Also via Ms. Pyle,

Ms. Garti asked for a copy of the DEP schedule for the Jerome Park improvements. She wanted to know whether all of the work requires that the reservoir basins remain dry. Mr. Smith said that CRO 333, a New Croton Aqueduct construction contract, and CRO 334 require a drained basin, but other Jerome Park work could occur with the basins refilled.

Assemblyman Jeffrey Dinowitz said that \$5 million was earmarked for landscaping and asked when the improvements were scheduled. Mr. Friedman said that Mark Alexander at Dept of Parks and Recreation was handling this matter, and Mr. Friedman would ask him for the information.

Mr. Parr called Mr. Tipa's attention to potential problems with tunnel access at 103rd Street. Mr. Tipa replied that the US Army Corps of Engineers is currently doing a security assessment.

Because Father Gorman had to depart prior to the meeting's end, the CFMC agreed to discuss the structure of the CFMC next. Father Gorman said that he wanted to understand how meetings were set, who attends them, and how regularly they occur. He said meetings should be at a specific time and place with a specific scope. He said the DEP Commissioner should not have private meetings with a small group of CFMC members because people who attend them have different views of what was discussed and agreed to. He added that CFMC meeting minutes should be formally adopted at the next CFMC meeting and then become official. Mr. Faulkner agreed with Father Gorman's comments that the agency should only have meetings on Croton Filter Plant matters to which all members of the CFMC are invited.

Mr. Scheinbach asked how the CFMC votes, if a vote is called for. Father Gorman said that each organization/entity named in the ULURP resolution should have one vote, and that if the principal rep is present, others should not speak unless asked to do so by the principal rep. He told the CFMC that when the Monitoring Committee meetings were first convened this was the way they operated, and he said the CFMC had contributed to the Croton Filter Project by changing certain design features for the community's benefit – such as reducing the height of the above-ground portion of the project and creating the ornamental wall. He said he recognized that the CFMC was operating more flexibly during 2005, but said he preferred the former format and suggested forming a smaller CFMC group to propose rules. The smaller group would recommend how often to meet, what time and where, and how the agenda would be set. Mr. Scheinbach said that the Chair of Community Board #8 has been unable to attend most of the meetings because they begin too early.

It was agreed that ideas would be forwarded to Martha Holstein and she would circulate those ideas to Mr. Leonforte, Father Gorman, Mr. Faulkner, Community Board #8, and Parks Borough Commissioner Aponte.

Current Construction Activities

Mr. Daly described the current construction activities on site. The activities include: continued sheeting; excavation of soil and rock; installation of rock bolts; installation of infiltration trench; demolition of clubhouse; completion of electrical service installation for construction; installation of ornamental wall and waterfalls.

Mr. Daly said that the majority of soil has been trucked off site. He also said that the construction of the ornamental wall is continuing, piping and other features are being installed, and its waterfall will commence operations this year.

He said that changing the trucking companies resulted in less rock removal during December 2005.

Further CFMC Discussion

Assembly Member Dinowitz asked for time to speak. He said he heard that a developer constructing homes in Fieldston has requested rock excavated from the Croton Filter Project be trucked and deposited at that site. Doing so would result in additional truck traffic in the community. He asked whether the location would be used and for DEP to quantify the extent of the rock and schedule for using that location. He said that the location wasn't identified in the final EIS. Mr. Friedman said that the matter was first raised by Mr. Gordon and that the CRO – 311 contractor did submit a trucking plan to remove rock to a site in Riverdale. The Consultant Design Engineer approved the trucking plan with DEP's consent as there is no legal or contractual basis to reject the plan. Mark Page, Jr., DEP, said that the EIS specifics cannot be discussed while the EIS is still in litigation. Assemblyman Dinowitz said that the matter should be reviewed by Community Boards #7, and 8. Mr. Friedman added that DEP carefully looked at the matter and determined that there were no legal grounds to deny the use of the site. Assemblyman Dinowitz concluded that DEP should have notified the community boards. Assemblyman Dinowitz asked to speak further about the perceived conflict of interest that arises as a result of former DEP Commissioner Ward's new position at the General Contractors Association of Greater NY, Inc.

Mr. Parr then asked to speak about the potential closure of the East 233rd Street fire station and its potential dire consequences. He suggested that the CFMC join Community Board #12's efforts to keep the fire station open. He would like the CFMC to write to the Mayor, urging the Administration to commit to the continuation of the operations of the firehouse. DEP said it was aware of the situation, and that Commissioner Lloyd would be briefed on the matter.

There was no further discussion by the CFMC.

Mr. Leonforte adjourned the CFMC meeting at approximately 8:00 PM.

1/19/2006

NYC DEP - CROTON FMC

Attachment 1

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Joseph E. Gordon	Office of Council Member Koppell	3636 Waldo Avenue Bronx NY 10463	(718) 549-5250	(718) 549-9945	koppell@council.nyc.ny.us ; m11gordo@council.nyc.ny.us
Lyn Pyle	Community Board #7	229A East 204th Street Bronx, NY 10458	(718) 933-5650	(718) 933-1829	baylalyn@earthlink.com
Saul Scheinbach	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740	(718) 796-2763	judisaul@aol.com brxcb8@optonline.net
S. Lakshminarayanan	URS/ MP Construction Manager	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	s.lakshminarayanan@pirnie.com
John Leonforte	DEP, Dir, Intergov Coord, BEDC	96-05 Horace Harding Exp. Flushing, NY 11373	(718) 595-5964	(718) 595-6259	jleonforte@dep.nyc.gov
Alex Kimball	Hazen + Sawyer - Metcalf & Eddy JV	498 Seventh Avenue New York NY 10027	(718) 539-7122	(212) 614-9049	akimball@hazenandsawyer.com
Ken W. Parr	Community Board #12 District Manager	136 East 235th Street Bronx NY 10470	(718) 325-4967	(718) 231-0635	kwparr@optonline.net
Leon Fendley	NYC Dept of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430-1870	(718) 430-1818	leon.fendley@parks.nyc.gov
Carmen Rosa	District Manager Community Board #12	4101 White Plains Road Bronx NY 10466	(718) 881-4455	(718) 231-0635	cb12cla@optonline
Robert Press	Committee of 100 Democrats	38001 N.D. Avenue Bronx NY 10463	(718) 543-4805		
Father Richard Gorman	Chair, Community Board #12	4101 White Plains Road Bronx NY 10466	(718) 881-4455	(718)231-0635	cb12cla@optonline
Jane Sokolow	Friends of Van Cortlandt Park	2 Spaulding Lane Riverdale NY 10471	(718) 548-8090	(718) 884-1227	jessokol@webspan.net
Effie Ardizzone	DEP - Community Outreach	59-17 Junction Blvd. Corona NY 11368	(718) 595-3493	(718) 595- 6582	eardizzone@dep.nyc.gov
James Soroush	DEP BEDC Community Outreach	96-05 Horace Harding Exp. Flushing, NY 11373	(718) 595-6088	(718) 595-6259	JamesSor@dep.nyc.gov
Tom Farrell	URS/ MP Construction Manager	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	Thomas.Farrell@shawgrp.com
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005 x. 223	(718) 625-1032	mholstein@urbansol.com

NYC DEP - CROTON FCMC

Page 2 Continued.....

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Bernard Daly	DEP BEDC Project Manager	3660 Jerome Avenue Bronx, NY 10467	(914) 618-1538	(718) 231-8857	Bdaly@dep.nyc.gov
Lloyd A. Douglas	LDCC Business Consultant	165 West 127th Street, Apt. #23 New York, NY 10027	(718) 292-3113 x.7550	(718) 292-3115	
Michael Block	Emisstar LLC	409 Elk Run Hudson NJ 03051	(603) 520-4147		michael.block@emisstar.com
Robert Barnes	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	robertbar@dep.nyc.gov
Mark Page, Jr.	DEP OEPA	59-17 Junction Boulevard Corona, NY 11368	(718) 595-4395	(718) 595-4479	mpage@dep.nyc.gov
Elena Gracia	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	elenag@dep.nyc.gov
Richard Friedman	DEP Special Counsel	59-17 Junction Boulevard Corona, NY 11368	(718) 595-3604	(718) 595-3522	rfriedman@dep.nyc.gov
Tom Tipa	DEP -BWSO	3545 Jerome Avenue Bronx NY	(718) 292-3115		ttipa@dep.nyc.gov
Josh Payne	The Riverdale Press	6155 Broadway Bronx NY	(718) 543-6065		jpayne@riverdalepress.com
Jim Martinez	Construction Manager JV	3660 Jerome Ave. Bronx NY 10467	(914) 694-2106	(718) 231-8857	jmartinez@pirnie.com
Fay Muir	Clean Water for the Bronx	286 Reservoir Place Bronx NY	(718) 944-4668		
Assemblyman Jeffrey Dinowitz	Member of Assembly	3107 Kingsbridge Ave. Bronx NY 10463	(718) 796-5345	(718) 796-0694	jeffreydinowitz@hotmail.com
Gerry Kelpin	DEP - Environmental Policies & Enforcement	59-17 Junction Boulevard Corona, NY 11368	(718) 595-3627	(718) 595-4544	gkelpin@dep.nyc.gov
Tom McNeil	Assembly Member Dinowitz's Office	3107 Kingsbridge Ave. Bronx NY 10463	(718) 796-5345	(718) 796-0694	thomas0330@hotmail.com
Myishia Taylor- Myke	Bronx Bor. Pres. Adolfo Carrion, Jr.'s Office	851 Grand Concourse Bronx NY 10451	(718) 537-5584	(718) 590-2668	

NYC DEP - CROTON FCMC

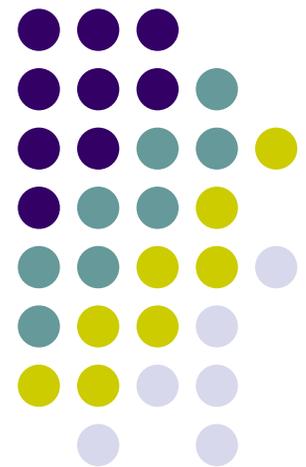
Page 3 Continued.....

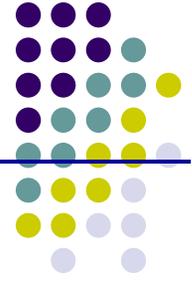
<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
John Herrold	Parks & Rec.Dept. - V- C Park Admin.	1 Bronx River Parkway Bronx NY	(718) 430-1890		john.herrold@parks.nyc.gov
Frank Schoenfeld	Litigant - Community Resident	80 Van Cortlandt Park S. Bronx NY 10462	(718) 548-8844		
Eric Koch	Office of State Senator Jeffrey Klein	3713 East Tremont Avenue Bronx NY	(718) 823-2089		
George Spencer	News 12 Bronx	930 Soundview Avenue Bronx NY 10473	(718) 861-6800	(718) 328-7420	news12bx@news12.com
Dulles Rukal	47 PC	N/A	N/A		
Anne Marie Garti	Jerome Park Conservancy	3965 Sedgwick Avenue Bronx NY	(718) 601-1388 (718)884-7864		
Jordan Moss	Norwood News	3400 Reservoir Oval East Bronx NY 10467	(718) 324-4998		jmoss@norwoodnews.org
Greg Faulkner	Chair, CB #7	2559 Sedgwick Avenue Bronx NY 10468	(718) 282-5193	(718) 609-2096	gfaulkner@lagcc.cuny.edu
Elizabeth Thompson	Kingsbridge Heights N. Association	2805 University Avenue New York NY 10027	(718) 884-3864; 796-7950		Thompson3864@aol.com
Kathleen Collins	NWB Vica.Council MSWC/St. Ann's Parish	3464 Knox Place #4C Bronx NY	(718) 654-3072		
Paul Smith	BEDC - DEP	46-05 Horace Harding Exp. Corona NY	(718) 595-6080		psmith@dep.nyc.gov

Implementing BAT In Accordance with Local Law 77

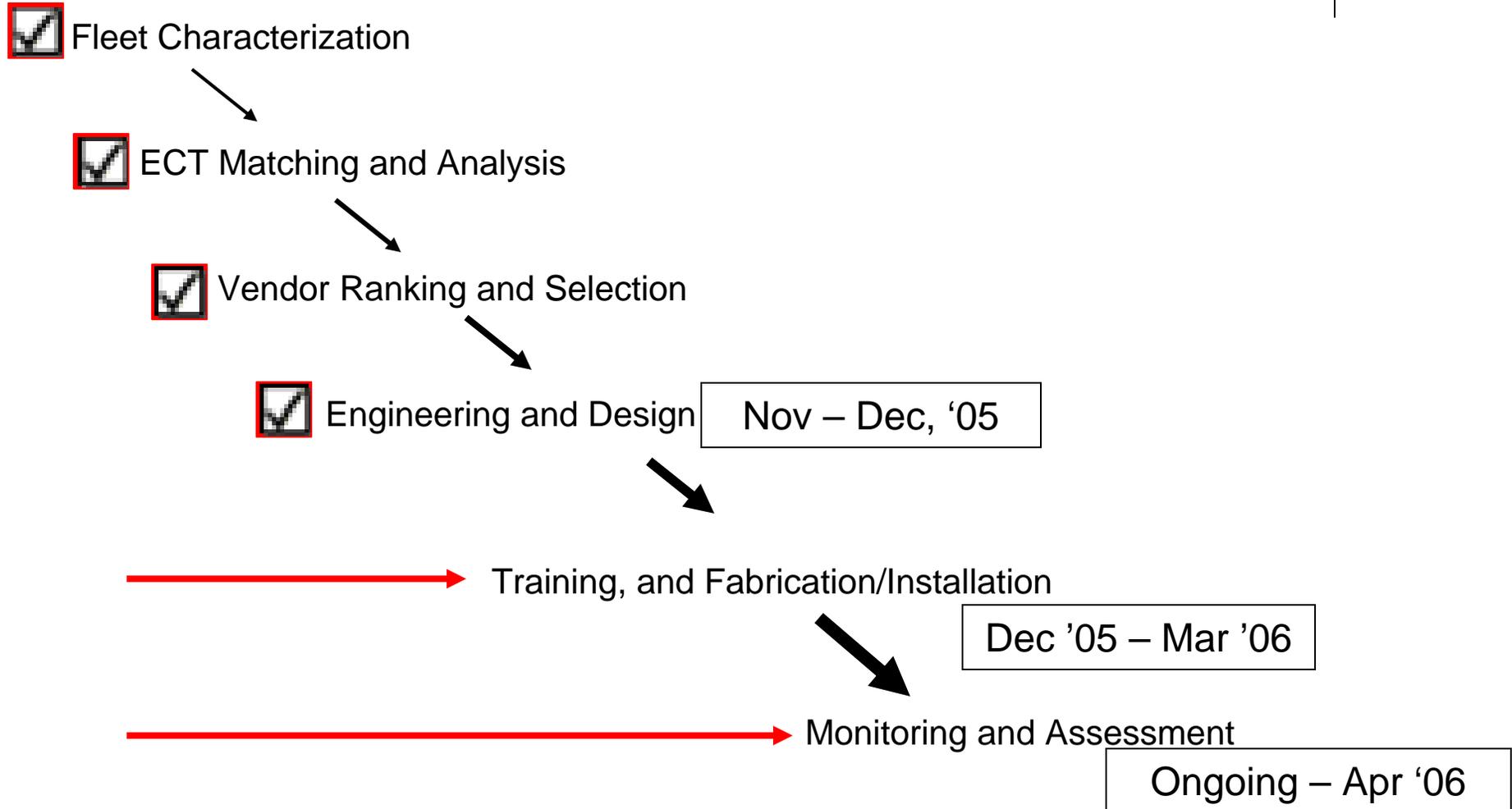
Project Update
Croton Facility Monitoring Committee
January 19, 2006

Michael C. Block
Emisstar LLC

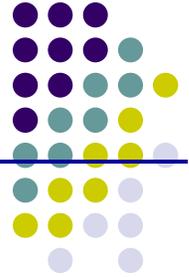




Phases of BAT Implementation

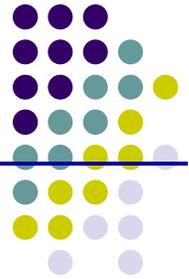


Selected Technology Suppliers



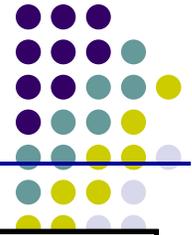
- Engine Control Systems (ECS)
 - Passive Diesel Particulate Filter (PDPF) – *Purifilter*
 - 80-90% PM Reduction
 - EPA & ARB Verified
- Fleetguard – Johnson Matthey
 - Passive Diesel Particulate Filter (PDPF) – *CRT*
 - 80-90% PM Reduction
 - EPA & ARB Verified
 - Selective Catalytic Reduction (SCR) + PDPF – *SCRT*
 - 80-90% PM Reduction
 - 60-90% NOx Reduction
 - Advanced Development
- Rypos
 - Active Diesel Particulate Filter (ADPF) – *RT-500*
 - On-board electrical regeneration
 - Terex quarry trucks
 - ARB verification in process

Completed PDPF Retrofits



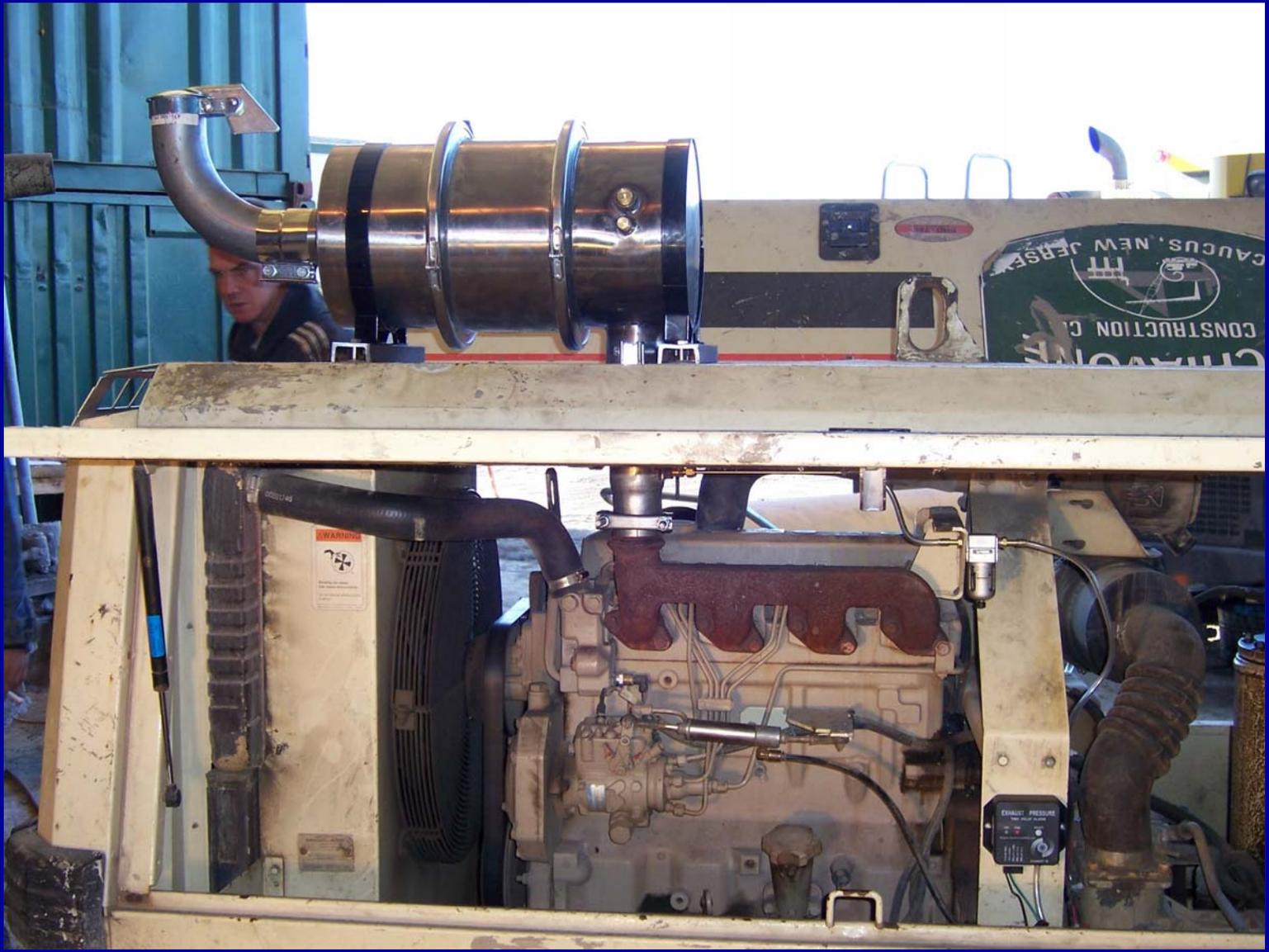
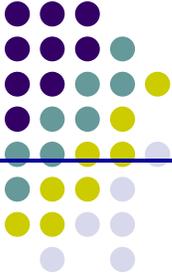
Emisstar Retrofit ID #	Type	Manufacturer	Model #	ECT Provider	ECT Type	Installation Date	Installation Time (hours)
E15	Loader	Caterpillar	966G	H.O. Penn CAT	PDPF	<i>Monday, September 05, 2005</i>	<i>NA</i>
E01	Compressor	Ingersoll Rand	IR 185	ECS	Purifier	<i>Saturday, January 07, 2006</i>	<i>5</i>
E11	Line Drill	Ingersoll Rand	ECM-490	ECS	Purifier	<i>Saturday, January 07, 2006</i>	<i>4</i>
E12	Line Drill	Ingersoll Rand	ECM-590	ECS	Purifier	<i>Tuesday, January 10, 2006</i>	<i>4</i>
E25	Excavator	Hitachi	Z-Axis 800	ECS	Purifier	<i>Saturday, January 14, 2006</i>	<i>14.5</i>
E26	Excavator	Hitachi	Z Axis-800	ECS	Purifier	<i>Sunday, January 15, 2006</i>	<i>10.5</i>

Scheduled PDPF Retrofits

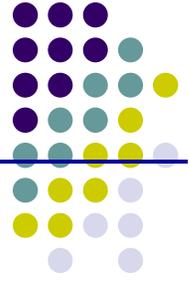


Emisstar Retrofit ID #	Type	Manufacturer	Model #	ECT Provider	ECT Type	ECT Delivery Date
E07	Excavator	Komatsu	PC-750	ECS	Purifilter	1/18/2006
E04	Dozer	Komatsu	D275 Ax-5B	ECS	Purifilter	1/20/2006
E10	Line Drill	Ingersoll Rand	ECM-370	ECS	Purifilter	1/20/2006
E09	Hydraulic Drill	Atlas-Copco	ROC-L6-44	ECS	Purifilter	2/3/2006
E13	Hydraulic Drill	Sandvik Tamrock	Pantera 1100	ECS	Purifilter	2/10/2006
E14	Hydraulic Drill	Sandvik Tamrock	Pantera 1100	ECS	Purifilter	2/10/2006
E03	Dozer	Komatsu	D155-Ax-5B	ECS	Purifilter	2/17/2006
E22	Hydraulic Drill	Furukawa		ECS	Purifilter	2/17/2006
E18	Quarry Truck	Terex	TR70	Rypos	ADPF	3/17/2006
E19	Quarry Truck	Terex	TR70	Rypos	ADPF	3/17/2006
E20	Quarry Truck	Terex	TR70	Rypos	ADPF	3/17/2006
E05	Excavator	Hitachi	EX-1200-5C	FES	Purifilter	3/31/2006
E16	Loader	Caterpillar	988H	FES	CRT	3/31/2006
E17	Loader	Komatsu	WA-600-3	FES	CRT	3/31/2006
E02	Compressor	Ingersoll Rand	IR 450	FES	SCRT	4/15/2006

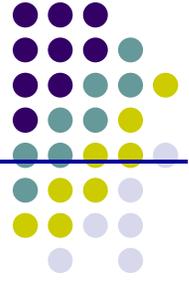
Compressor: IR-185



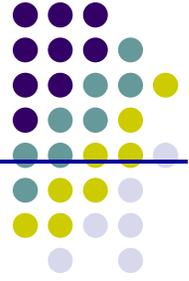
Line Drills: ECM 490 & 590



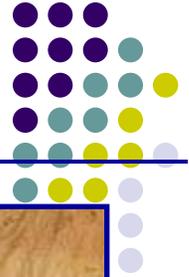
Excavator: Hitachi Z-Axis 800 (2 units)



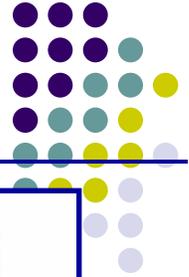
Excavator: Hitachi Z-Axis 800 (2 units)



Excavator: Hitachi Z-Axis 800 (2 units)

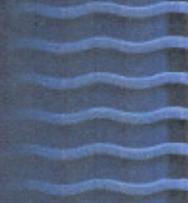


Excavator: Hitachi Z-Axis 800 (2 units)





BRONX PARTICIPATION



CRO 311: Labor Demographics

- Total Workers on site : 124
- Bronx Based Workers : 37
- Bronx Percent : 30%



CRO 311: Total Bronx Purchases

• Sub-Contractors :	2	\$2,060,000
• Vendor :	14	\$14,875,500
• Stores :	14	\$22,800
• <u>CM Purchases</u> :		<u>\$148,000</u>
• TOTAL :		\$17,176,029