

**Community Advisory Council
September 12, 2013
Action Items/Notes**

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Environmental Updates
5. Community Comment
6. Agenda Setting
7. Discovery Park Presentation

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: L. Bates, M. Bebon, S. Bogart, J. Carter, N. Detweiler, B. Dorsch, K. Geiger, M. Giacomaro, D. Gibbs, R. Gordon, T. Green, R. Howe, M. Israel, S. Johnson, T. Kneitel, R. McKay, D. Paquette, P. Paul, V. Racaniello, A. Rapiejko, B. Royce

2. Correspondence and Handouts

Items numbered one and two were mailed to Members with a cover letter dated September 5, 2013. Items three through six were available as handouts at the meeting.

1. Draft agenda for September 12, 2013
2. Draft notes for June 13, 2013
3. Copy of presentation: Peconic River Monitoring and Prescribed Fire – Tim Green
4. Copy of presentation: Discover Park – Lanny Bates
5. Discovery Park brochure
6. Pine Barrens Research Forum pamphlet

3. Administrative Items

The meeting was called to order at 7:09 pm following the CAC's 15th Anniversary celebration. Reed Hodgkin, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Nora Detweiler, liaison to the CAC, showed a short video clip of the muon g-2 move and said that everything went well and the storage ring arrived safely at Fermi-Lab in Chicago.

Bill Dorsch, Manager, Groundwater Protection Group, explained that some deeper contamination was found at the OU III Middle Road VOC plume that would not be captured with the existing extraction wells, so a new, deeper well was put in last week on Laboratory property at Middle Road. It is currently being tied into the existing treatment system and is expected to be operational in early October. He also said that a drilling rig will be in the residential area to the south of the Lab sometime next week to drill a new monitoring well. There will be another update in October or November.

Approval of Minutes

Hodgkin asked for corrections, additions, or deletions to the June 13, 2013 draft notes. There were none. The notes were approved as written with none opposed and six abstentions.

4. Peconic River Monitoring and Prescribed Fire, Tim Green

Tim Green, Environmental Protection Division, said that the 2011 Five-Year Review recommended sampling of the Peconic River should be done every other year. He said the data from this year's water column sampling are similar to past data for both mercury and methyl mercury. Fewer fish samples are being taken, but they are of larger fish. Cesium and PCB levels have not changed, but mercury levels for the fish sampled onsite were higher than expected. The larger fish are older so they have been around longer and exposed to more.

Member Martin asked what the significance is of the higher levels in fish.

Green said there it is no significance to the fish, but there is to human health. That is why we don't allow fishing onsite.

Member Esposito said this is why it was necessary to do a more extensive cleanup.

Member Schwartz asked why drinking water standards are being used in regard to concentrations in fish.

Green said the EPA requests it. The EPA criteria of 0.3 mg/kg of methyl mercury in fish tissue is based on methyl mercury concentration in surface water.

Member Shea asked if any mercury was found in air emissions.

Green said there is some in precipitation.

Member Chaudhry asked what the difference is between wet weight whole and filet.

Green said whole is as the fish comes out of the river, while the filet is just the edible portion.

Green then said the Lab is changing its approach this year to using prescribed fire and will be attempting to do a growing season burn. Hopefully, next week we will be able to meet the prescription. With this controlled burn, we hope to reduce the fuel in the understory vegetation so there is less of a potential for a wildfire and it will also allow the trees to germinate which will benefit the ecosystem. In the future, we hope to do more prescribed burns.

Member Henagan said he has not received a notification in the mail yet as he has in prior years.

Green said the notifications will be sent out to the area north of the Lab through Suffolk County's reverse 911 call system. We are not sure of the date yet, there is a set of parameters that must be met before we can go forward.

Detweiler said she will notify the CAC and Civic Associations when a date is selected.

Member Jordan-Sweet asked if this is part of the wildfire school.

Green said the wildfire school requires a lot of volatile fuels and is not effective for our needs.

5. Community Comment

There was no community comment

6. Agenda Setting

Detweiler said in October or November, there will be a presentation on the SER, another groundwater report, a presentation on battery storage, Berndt Mueller's presentation on RHIC, and a possible field trip to see the PET facility.

Member Leonard, LI Pine Barrens Society, said they would like to request an update on the Lab's cleanup projects, including what has been completed, what remains to be done, and the costs. She is looking for an updated status report.

7. Discovery Park; A collaborative Repurposing Project for the Future of Brookhaven National Laboratory, Lanny Bates, Assistant Laboratory Director for Facilities & Operations

Lanny Bates said the concept of Discovery Park is designed to open up the Laboratory to the surrounding community and grow the Lab going forward. He said BNL is one of the oldest of the DOE labs with 69 buildings that date back to WW II. Mission readiness requires demolition, new construction, renovation, and recapitalization. Our scientific strategies will benefit from increasing external, and particularly regional, partnerships. He explained that Discovery Park is a joint land use partnership with New York State and Long Island's local government, as well as private industry. The proposed improvements include new state of the art offices, laboratories and support facilities, revitalized dormitory housing for BNL's national and international community of researchers and scientists, visitor and guest processing amenities and outreach, a revitalized scientific community and atmosphere, the integration of the existing child development center, and expansion space for technology and industry partnerships.

Discovery Park will enhance the DOE's investment and assets at BNL and position BNL as a valued and visible community partner. It will be located at the main gate off of William Floyd Parkway and will provide a new "Front Door" to the campus, reflecting the world-class scientific research being performed at BNL. This revitalization of the area maximizes its potential while respecting the existing environmental characteristics of the campus. These improvements will also refocus the existing site to serve as a modern, expanded gateway to the DOE science capabilities in an open environment and provide an option to non-DOE investment in infrastructure and for increased partnerships and collaboration.

Discovery Park will provide enhanced services for BNL guests and users. The Laboratory attracts over 4,000 users from across the world each year and user facility demand is projected to expand by 50 per cent. A critical demand exists for "dorm style" user facility accommodations that are conveniently located and integrated with BNL's research operations. He also spoke about the "Portal to Discovery," which will provide a hands-on science education capability and serve as an iconic entrance for visitor processing, outreach, a scientific "Summer School", and service facility available for community use. Bates said that right now this is a just a vision that is being shared with you; this is all preliminary.

Member Chaudhry asked if this will be located in the existing brownfield site.

Bates said this is a previously developed site and the current home of our apartment buildings and the Child Development Center. We are looking to re-develop the area.

Member Peskin asked what portion of the money needed will come from private funding, DOE, and others.

Bates said we anticipate funding from several sources. Every building will be unique. The Portal will be a not-for-profit, operating money would come from DOE, and housing would be a commercial venture.

Member Peskin asked if real estate taxes would be paid on the property.

Bates said there are still a lot of questions to be answered. We would lease the buildings.

Member Jordan-Sweet said this is a good idea that has been suggested before. She was concerned because the location is far from the NSLS and RHIC. They need food services closer to those facilities.

Bates said we are in the process of re-bidding the food service contract and we are looking for innovative ideas. Maybe we can form a transportation hub.

Member Jordan-Sweet asked if there is any coordination with the TESLA Science Center in Shoreham.

Bates said not at the moment.

Ken White, Manager, Office of Educational Programs, said he has been in contact with them and there is a possibility of a complimentary program with them.

Member Sprintzen asked if there is a plan for funding.

Bates said there will not be a significant amount of money from DOE. We don't know how it will work yet. We are looking at our options. It's a partnership with value for the Lab.

Member Schwartz said this is exciting, but asked about extended stay foreign visitors. We might lose them without large housing available. What about families that have children in the local school district? Their housing needs will not be met, we need a residential component.

Bates said we realize that the apartment complex is a community. This will be a blend. The average stay is only a few days. That will be the hardest part to maintain. It is not financially viable to provide that kind of accommodation.

Member Schwartz asked for information on how many children living onsite attend Longwood Schools and what kind of impact would there be if they could no longer reside at the Laboratory. He would like to hear about the whole experience.

Member Castro said she will look into it. In the past there were a lot more families. There are still some now, but not as many. She said her experience with them has been good. She will return with more information.

Member Martin asked what will happen to the gymnasium and the pool onsite.

Bates said they will not be affected.

Member Henagan agreed that the sense of community will be lost without the housing area.

Bates said the point is well taken.

The CAC thanked him for his presentation.

Hodgin noted that this was Mike Bebon's last meeting as Deputy Director for Operations and said he has seen Mike work with the CAC from the beginning through difficult times and he is a model to be followed. He set the tone for the dialogue between the Lab and the CAC and that was a great benefit to all.

Member Schwartz made a motion to draft a resolution thanking Mike Bebon for his participation with the CAC.

The motion was passed with none opposed and no abstentions.

Member Schwartz agreed to write the resolution.

The meeting adjourned at 8:45p.m.

Agenda Topics Exercise
April 11, 2013

Biological Research at BNL - 8
~~Cyber Security & BNL~~ – 7 (May 9, 2013)
~~Ticks & Tick Research~~ – 8 (June 13, 2013)
Quantum Physics - 7
Battery Advances & Research - 6
Nanotechnology - 7
BNL & Higgs Boson - 4
Progress Report on Blueprint - 4
~~Update on Solar Farm~~ – 5 (June 13, 2013)
Sustainability - 4
Impacts of Politics on Science - 4
Computational Science - 3
Overview of Science Programs at ISB - 4
Update on Fukushima – Lab Work – 3
Nuclear Safety - 3
Physics Research at BNL - 2
Intellectual Property - 2
~~Tree Bronzing~~ – 1 (June 13, 2013)
Fluctuations in Vacuum - 1
Impact of Fukushima Radiation - 1
Thorium Reactor Energy
Nuclear Energy

P = Present	2013	Affiliation		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		ABCO (Garber - 04/02)	Member	Don	Garber												
		(Madigan -10/10)	Alternate	Michael	Madigan	P			P	P							
		American Physical Society	Member	Margaret	Malloy	P		P	P	P	P						
			Alternate														
		Brookhaven Retired Employees Association (Peskin - 09/09)	Member	Arnie	Peskin			P	P	P	P			P			
		(Franz - 12/09)	Alternate	Eena-Mai	Franz		P	P			P			P			
		(Shapiro-1/13)	Alternate	Steve	Shapiro	P											
		Citizens Campaign for the Environment	Member	Adrienne	Esposito		P	P	P	P				P			
			Alternate														
		Colonial Woods Whispering Pines (Birben - 06/09)	Member	Christine	Birben		P		P	P	P						
		(Rehbein -11/10)	Alternate	Eric	Rehbein	P	P			P	P			P			
		Coram Civic Association (Ziems - 06/12)	Member	Paul	Ziems	P	P	P	P	P	P			P			
		(Meade – 06/12, Jim M 10/12)	Alternate	Jim	Meade												
		East Yaphank Civic Association	Member	Michael	Giacomaro	P	P	P	P	P				P			
		(Feinman - 02/09)	Alternate	Bob	Feinman	P	P	P	P	P	P			P			
		Emeritus (changed 3/8/12)	Member	Jean	Mannhaupt												
		Friends of Brookhaven (Kaplan - 07/01)	Member	Ed	Kaplan	P		P			P						
		(Schwartz - 11/02)	Alternate	Steve	Schwartz			P		P				P			
		Huntington Breast Cancer Coalition	Member	Mary Joan	Shea	P		P		P				P			
			Alternate	Scott	Carlin		P										
		IBEW/Local 2230 (Krsnak 01/07)	Member	Scott	Krsnak	P											
			Alternate														
		Individual (changed 3/12)	Member	Karen	Blumer												
		(added 6/12)	Alternate	Michael	Madigan			P			P						
		Individual – (changed 3/12)	Member	Greg	Bush												
			Alternate	Adam	Martin												
			Alternate	Bruce	Martin									P			
		Individual – (changed 3/12)	Member	Jane	Corrarino			P									
			Alternate														
		Individual – (changed 3/12)	Member	Iqbal	Chaudhry	P		P	P		P			P			
			Alternate														

P = Present	2013	Affiliation		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		L.I. Pine Barrens Society	Member	Richard	Amper	P	P							P			
		(Murdocco - 04/11, deleted 6/12) (Muller added – 8/12)(Katie Rose Leonard added – 6/13)	Alternate	Katie Rose	Leonard	P		P	P		P			P			
		L.I. Progressive Coalition	Member	David	Sprintzen	P		P	P	P	P			P			
			Alternate														
		Lake Panamoka Civic Association (Biss - 04/02)	Member	Rita	Biss					P	P						
		(Grandal - 10/10)	Alternate	Bonita	Grandal		P			P	P						
		Longwood Central School Dist. (Castro -06/09)	Member	Maria	Castro									P			
			Alternate	Allan	Gerstenlauer												
		Mastic Park Civic Association (Sicignano – 6/12)	Member	John	Sicignano			P			P						
			Alternate	Clara	McManus												
			Alternate	Joe	May					P							
		Middle Island Civic Association	Member	Tom	Talbot	P	P	P			P			P			
			Alternate	Kevin	Crowley												
		NSLS Users Committee	Member	Jean	Jordan-Sweet	P	P	P	P					P			
		(Ravel -02/11)	Alternate	Bruce	Ravel						P			P			
		Ridge Civic Association	Member	Pat	Henagan	P	P	P	P		P			P			
			Alternate														
		Town of Brookhaven (Graves - 06/06)	Member	Anthony	Graves												
			Alternate														
		Town of Brookhaven, Senior Citizens Office	Member	James	Heil	P		P		P	P			P			
			Alternate														
		Town of Riverhead (Doroski - 04/11)	Member	Isidore	Doroski	P			P	P				P			
		(Hulme - 04/11)	Alternate	Suzanne	Hulme			P		P							
		Wading River Civic Association	Member	Helga	Guthy		P	P	P	P							
			Alternate	Sid	Bail												