

**Community Advisory Council  
January 8, 2015  
Action Items/Notes**

*Final*

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Environment, Safety and Health at BNL
5. February Agenda setting
6. BNL Federal Green Challenge National Award & Other Green Highlights
7. Community Comment
8. Membership Attendance Discussion

**1. Attendance**

Members/Alternates Present: See Attached Sheets.

Others Present: J. Anderson, S. Bogart, J. Carter, L. Garber, M. Giacomaro, D. Gibbs, T. Green, S. Johnson, D. Manning, R. McKay, R. Murdocco, P. Paul, P. Pohl, J. Remien, N. Sundin, R. Tribble

**2. Correspondence and Handouts**

Items numbered one and two were mailed to Members with a cover letter dated December 31, 2014. Items numbered three through five were available as handouts at the meeting.

1. Draft agenda for January 8, 2015
2. Draft notes from the December 11, 2014 meeting
3. Presentation – Environment, Safety, and Health at BNL
4. Presentation – Brookhaven National Laboratory's Federal Green Challenge National Award for Purchasing and other BNL Green Highlights
5. Copies of BNL's Environmental, Safety, Security, and Health Policy

**3. Administrative Items**

The meeting was called to order at 6:35 PM. Reed Hodgins, facilitator, welcomed everyone to the first meeting of 2015. He reviewed the ground rules and the agenda. Those in attendance introduced themselves. New member, Cathy O'Neal for the Colonial Woods, Whispering Pines and new alternate John Nowak, Middle Island Civic Association were welcomed to their first meeting.

Member Sprintzen expressed his thanks to Bill Horak's group and Nora Sundin for meeting with him prior to the meeting to give him a more in depth overview of the work that the Nuclear Technologies Division is doing (requested after November presentation).

Member Garber commented on the retirement parties in the lobby. He said two remarkable people – Dr. Peter Bond and Bill Gunther – that the CAC is familiar with are stepping down and that will be a loss to the Lab. He especially will miss Dr. Bond.

Member Schwartz said that Bill Gunther has made many presentations to the CAC during his time here and he will be missed.

Member Guthy noted that Bill Gunther is also the first vice-president of the Wading River Civic Association and also serves on the Calverton Restoration Advisory Board for the Grumman site so he's been putting in many extra hours.

Hodgin said both Bond and Gunther have made great contributions to the Lab and the CAC.

Hodgin also pointed out the availability of recycling bins in the room and encouraged CAC members to use them.

#### Approval of Minutes

Hodgin asked for corrections, additions, or deletions to the December 11 draft notes. Member Madigan said that Member Blumer's comment that was inaudible on the third page of the notes was about economics. Hodgin asked him to have Member Blumer submit her correction in writing since she was not present at the meeting. (Note: Emails were sent to Blumer and Madigan asking for clarification of the comment – no response was received.) The notes were approved as amended with none opposed and seven abstentions.

Tim Green, Environmental Protection Division, gave an update on deer culling. He said the Interagency Agreement is taking longer than expected so DOE has directed the Lab to seek a private contractor. They are currently working on the Work Planning document and then over the next month and a half the Lab will proceed with reducing the deer population onsite.

Member Esposito asked what the final method is that will be used and if the community has been notified.

Green said rifles by sharp shooters. The rifles will be suppressed.

Member Sprintzen commented that it is nice to have Member Esposito back at CAC meetings.

#### **4. Environment, Safety and Health at BNL, Gail Mattson – Asst. Lab Director for Environment, Safety, & Health**

Gail Mattson began with a note on safety. She said that due to the winter weather, cars sometimes accumulate snow and ice so please make sure you clean your cars off before driving. She then spoke about safety efforts at the Lab. She provided historical data, a chart showing the Total Recordable Case and DART (Days Away Restricted Transferred) Rates, and described some of the safety improvements made since 1998 including ISO 14001 EMS Site Certification.

She explained the Accountability Initiative, the top three injury types at the Lab, safety conscious work environment training, and building on past safety initiatives. Injury rates have gone down significantly since BSA took over the management of the Lab, as the result of a series of successful initiatives and a focus on safety awareness.

She also talked about safety culture change. We want everyone to understand that safety and compliance is their responsibility and should be an integral part of operational excellence. We would like all of the Brookhaven staff to view safety as mission-enabling. If you work safely you can get your science done. She talked about safety statistics and Fiscal Year 2015 ES&H goals, what needs to be done to reach the goals, and developing a culture of accountability.

Mattson discussed the top injury types being seen – material handling, slips/trips/falls, and lacerations – and how they are being addressed. Funds have been reprioritized to make many areas safer. The Lab purchased a slip simulator which has proven to be successful at Los Alamos Lab and at UPS in training workers to reduce the incidents of slips, trips, and falls. The simulator training has already been administered to Level I Managers. In an effort to reduce

laceration injuries, we plan to hold demonstrations of laceration prevention equipment, conduct a campaign for sharps awareness, develop an electronic surveillance checklist, and train staff.

Material handling is one of the highest causes of injuries. We plan to continue to observe high risk tasks and reinforce proper handling techniques. We will conduct periodic reviews of injury statistics to identify high risk groups that need retraining, conduct formal evaluations of routine manual lifting tasks, and provide feedback to supervisors.

Mattson described the Safety Conscious Work Environment Training that Lab and DOE senior leaders and IBEW representatives completed. She also talked about Safety Communications and said the Lab will continue to highlight safety success stories like "How I Helped Improve Safety at BNL". The site-wide BNL Safety Day implemented to increase safety awareness is now in its 6<sup>th</sup> year.

Member Ziems asked if 2015 is off to a bad start in regard to safety incidents.

Mattson said no, over the last three months we have had the lowest TRC (total recordable case) & DART (days away/restricted, or transferred) rate ever.

Member Doroski asked if there have been any high tech accidents.

Mattson said not recently. We have had some near misses in the past that we are looking into and learning from.

Jack Anderson, Deputy Director for Operations, said we have had team building discussions on safety. We can improve in these areas instead of accepting injuries.

Member Henagan asked if these statistics are for employees only and if there is any one area that has the most injuries.

Mattson said these statistics do not include Users. We have found that maintenance workers are most at risk.

Member Schwartz asked about contractors.

Mattson said they are required to have a good safety record (they can't bid if they don't). They have to have a health and safety plan and have a safety person on-site while they are working here.

Member Schwartz said he has seen a safety person observing work being done near his building.

Member Garber asked why there was such a huge decrease in accidents when the Lab's management changed.

Mattson said BSA stresses safety awareness and training.

Lab Director Doon Gibbs said his impression is that the engagement of management and staff on safety has increased dramatically, which has improved awareness.

Member Ziems asked if the Lab conducts random drug tests for employees.

Mattson said it is required for some clearances.

Member Ziems said the SCPD COPE unit has test kits available to the public if parents suspect a drug problem within the home.

Anderson said there are some positions that require random drug testing.

Member Madigan asked if the statistics are only for employees.

Mattson said yes.

Gibbs said the Lab feels responsible for everyone on-site and follows up with investigations.

Mattson said Users are required to go through training.

Member Doroski said as a SC Health Department employee, when he was assigned to the site he had to go through the training and was impressed with the Lab's policy.

Hodgin said contractors are required to take safety training every year.

Member Keenan asked about overexertion. What physical training is available?

Mattson said employees are encouraged to train. It's about working smarter.

## **5. February Agenda Setting**

Nora Sundin, liaison to the CAC, said next month, there will be an update on the deer culling effort, reactor monitoring, Peconic River sampling, and the Freon-11 plume. There probably will not be a science presentation. If there is anything else you would like to hear about, please let me know.

Member Esposito asked if there could be a presentation on the Peconic River wetlands restoration effort sometime in the future.

Sundin said she will try to add it in next month.

Member Madigan said Member Blumer was interested in a field trip to the solar farm in the late spring to observe the regrowth of the vegetation.

Member Esposito asked if a field trip to the solar array that could be open to others could be considered. People she knows have expressed an interest in seeing it and she thinks that would be beneficial.

Sundin said the issue is that the roadway is not paved. Cars are not allowed down the road and contracted bus companies will not drive on them. The Lab has two vans, so we can try to make it happen.

Gibbs suggested touring the 1-megawatt research solar array.

Member Esposito said it is not the same as seeing the 32-megawatt array.

Member Peskin mentioned that the cord in the middle of the horseshoe is a trip hazard.

Sundin said she will make sure there is a rubber strip over it next time.

## **6. BNL Federal Green Challenge National Award & Other Green Highlights, Peter Pohlot – Environmental Protection Division**

Peter Pohlot reported that the Lab recently received an EPA Federal Green Challenge National Award for its electronic procurement purchasing system and described additional awards the Lab has received.

Pohlot said that the Lab's electronic procurement purchasing system has been revamped to increase the choices of sustainable office products. He explained how the system was modified and gave statistics on the savings resulting from reusing and recycling materials. He said there is a potential cost savings of 27 percent by just purchasing remanufactured toner cartridges over the OEM and explained all the benefits gained by using them.

Member Sprintzen said from his experience even when your computer is telling you it is time to replace the toner cartridge, there is still more life in it.

Pohlot said yes, that is true.

Member Chaudhry asked for the names of the three manufacturers that the Lab uses and asked how the quality of the remanufactured cartridges is determined.

Pohlot said the top three companies are Clover Tech, LMI, and Katun. Their status is based on volume of sales.

Member Schwartz asked if employees are encouraged to recycle their used cartridges.

Pohlot said yes, the Lab has always recycled its toner cartridges.

Pohlot said that employees are encouraged to use eco-friendly practices for meetings and conferences that include minimizing printing and boosting the use of paperless technology. Employees are urged to use USB thumb drives and tablets to transfer documents, publish materials on recycled paper, along with holding a duplex only policy for copy machines, which will reduce cost and waste. During meeting introductions, presenters are encouraged to point out the locations of recycling bins. It is recommended that BNL attendees bring their own travel mugs and coordinate with staff services to ensure lights and air conditioning are turned off when rooms are not in use.

Member Esposito asked specifically where the Lab's recycled paper goes.

Pohlot said that the Lab has a contractor that comes on site and picks it up.

Member Sicignano asked if the Lab gets paid for the empty cartridges that are recycled and if the equipment is leased or owned.

Pohlot said he did not know if the Lab gets paid for the empty ink cartridges. He said some departments purchase their printers and some lease them.

Member Ziems said that using recycled cartridges can sometimes void your warranty.

Pohlot said that is true. Usually, however, remanufactured cartridges are not available until after a printer is a few years old.

Member Chaudhry said this is beneficial, but what about the cost of the recycling process itself.

Pohlot said we would be paying for it to be picked up as garbage anyway. A cost analysis was done and practicing recycling came out ahead.

Pohlot also reported that the Lab has been using pre-consumer food waste scraps from the cafeteria to feed to the Sewage Treatment facility to keep the bacteria at an optimum level, a concrete crusher is used to repurpose old concrete, and an office materials swap takes place on Earth Day. He added that an equipment management database has recently been implemented where employees can post supplies that they no longer need making them available for other employees, similar to an internal Craig's list.

Member Chaudhry said this is similar to the town's recycling program, but on a smaller scale. He asked why the town has gone to single stream recycling. It seems like more work because the trash has to be sorted after it is picked up.

Pohlot said people don't like to hold onto their recyclables for two weeks. There is increased public participation now that they can put it all out together every week.

Pohlot said the goal for 2015 is to find a recycler for the wooden pallets used to deliver supplies and equipment.

Member Doroski asked if the Lab has looked into solar hot water for the buildings.

Pohlot said not that he is aware of, but he will look into it.

## **7. Community Comment**

Hodgin said there are two people in the audience that have met the attendance requirements to apply for membership – Rich Murdocco, Teachers Federal Credit Union, is interested in joining the CAC as their representative and Michael Giacomaro would like the East Yaphank Chamber of Commerce to be considered for membership. Murdocco was formerly a representative for the Long Island Pine Barrens Society and Giacomaro is a representative for the East Yaphank Civic Association, but would like to represent the Chamber.

Hodgin said we will discuss the two requests at next month's meeting.

There were no other community comments.

## **8. Membership Attendance Discussion**

Sundin reported that there are some groups that have not met the attendance requirements. The Town of Brookhaven said they don't feel it is necessary to continue membership because they get their information from the Brookhaven Executive Roundtable meetings which Bill Faulk attends. She said she has reached out to the IBEW multiple times and has not gotten any response so the next step is to send them a letter. We have two vacancies in the business category and the two requests tonight, if granted, would fill those vacancies.

Member Henagan asked if the membership representation breakdown could be sent out to CAC members.

**ACTION ITEM:** Send out membership breakdown in next mailing.

Hodgin said he will work on rewording the CAC guidelines regarding quorum and bring that information back for the CAC to consider. The rewording will be on the Leave of Absence section in relation to how it affects quorum and the Emeritus category which does not have alternates so the attendance requirement is hard to meet. He will see if he can come up with alternative language so it does not affect quorum. The proposed changes will be sent out for the CAC to review before the next meeting.

Member Sprintzen said Member Mannhaupt has been out a very long time.

Hodgin said it is important that people be here so they can stay informed.

Member Madigan asked for a list of how many times quorum was not met.

**ACTION ITEM:** Send out list of past meetings where quorum was not met.

Hodgin said it is not that often, but it has happened at times when it was important. These are your guidelines, you make the final decision.

The meeting adjourned at 9:05 PM.

# CAC Agenda Setting – May 8, 2014

## PRESENTATIONS

- ~~Pros & Cons of Bringing Back Commercial Nuclear Power~~ – 12 (10/9/14 Bill Horak)
- Holographic Principles of Quantum Mechanics – 8
- Biological Research at BNL – 7
- The Gamma Forest (where was it onsite; the kind of research done there) - 7
- ~~Survey of all DOE Labs~~ – 6 (9/11/14- Frank Crescenzo)
- Climate Science & W.H. Report (Steve Schwartz) – 5
- NASA Research – 5
- ~~Waste Minimization at BNL~~ – 5 (1/8/15 Peter Pohlot)
- Update on Battery Storage – 5
- More History – 4
- Economic Impact of the Lab - 4
- Nanotech Research, Safety, Environment, Ethics – 4
- Fukushima – 4
- Update on LI Solar Farm (production, environment) – 4
- Research / Trends on Wildlife on LI – 3
- Non Proliferation – 3
- Patents & Commercialization – Pros & Cons of Science vs. Commercialization – 3
- Update of Tick-borne Diseases – 3
- Electric Grid (by J. Misewich) – 3
- Update on G-2 – 3
- Invite HS Students to Speak on Their Topics – 3
- Update on State Program for Carbon Footprint Reduction (80x50?) – 2
- Research towards Sustainability – 2
- STEM Research Update (InSynC) – 2
- Computer Facility for LHC/ATLAS / RHIC – 2
- Research by Students at NSLS – Reach Out Program – 1

## TOURS

- ~~ISB~~ – 3 (6/12/2014)

<b>P = Present</b>	<b>2015</b>	<b>Affiliation</b>		<b>First Name</b>	<b>Last Name</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
		<b>ABCO</b> (Garber - 04/02)(Bevington – 6/14) (Keenan-10/14)	Member	Ray	Keenan	P											
		(Madigan -10/10)	Alternate	Michael	Madigan												
		<b>American Physical Society</b>	Member	Margaret	Malloy	P											
		(Schuhmann 1/14)	Alternate	Reinhart	Schuhmann												
		<b>Brookhaven Retired Employees Association</b> (Peskin - 09/09)	Member	Arnie	Peskin	P											
		(Franz - 12/09)	Alternate	Eena-Mai	Franz	P											
		(Shapiro-1/13)	Alternate	Steve	Shapiro												
		<b>Citizens Campaign for the Environment</b>	Member	Adrienne	Esposito	P											
			Alternate														
		<b>Colonial Woods Whispering Pines</b> (Birben - 06/09) (O'Neal 01/15)	Member	Cathy	O'Neal	P											
		(Rehbein -11/10)	Alternate	Eric	Rehbein												
		<b>Coram Civic Association</b> (Ziems - 06/12)	Member	Paul	Ziems	P											
		(Meade – 06/12, Jim M 10/12)	Alternate	Jim	Meade												
		<b>East Yaphank Civic Association</b>	Member	Michael	Giacomaro	P											
		(Feinman - 02/09)	Alternate	Bob	Feinman	P											
		<b>Emeritus</b> (added 12/14)	Member	Don	Garber	P											
		<b>Emeritus</b> (changed 3/8/12)	Member	Jean	Mannhaupt												
		<b>Foundation for Economic Education (5/14)</b> (Martin – 10/14)	Member	Bruce	Martin												
		(Edwards – 10/14)	Alternate	Estelle	Edwards												
		(Pratka – 10/14)	Alternate	Craig	Pratka	P											
		<b>Friends of Brookhaven</b> (Kaplan - 07/01)	Member	Ed	Kaplan												
		(Schwartz - 11/02)	Alternate	Steve	Schwartz	P											
		<b>Huntington Breast Cancer Coalition</b>	Member	Mary Joan	Shea	P											
			Alternate	Scott	Carlin												
		<b>IBEW/Local 2230</b> (Krsnak 01/07)	Member	Scott	Krsnak												
			Alternate														
		<b>Individual</b> (changed 3/12)	Member	Karen	Blumer												
		(added 6/12)	Alternate	Michael	Madigan	P											
		<b>Individual</b> – (changed 3/12)	Member	Jane	Corrarino												
			Alternate														
		<b>Individual</b> – (changed 3/12)	Member	Iqbal	Chaudhry	P											

<b>P = Present</b>	<b>2015</b>	<b>Affiliation</b>		<b>First Name</b>	<b>Last Name</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
			Alternate														
		<b>L.I. Pine Barrens Society</b>	Member	Richard	Amper												
		(Murdocco - 04/11, deleted 6/12) (Muller added – 8/12)(Katie Rose Leonard added – 6/13)	Alternate	Katie Rose	Leonard												
		<b>L.I. Progressive Coalition</b>	Member	David	Sprintzen	P											
			Alternate														
		<b>Lake Panamoka Civic Association (Biss - 04/02)</b>	Member	Rita	Biss	P											
		(Grandal - 10/10)	Alternate	Bonita	Grandal	P											
		<b>Longwood Central School Dist. (Castro -06/09)</b>	Member	Maria	Castro	P											
		(Gerstenlauer removed & Sterne added 5/14)	Alternate	Phyllis	Sterne												
		<b>Mastic Park Civic Association (Sicignano – 6/12)</b>	Member	John	Sicignano	P											
			Alternate	Clara	McManus												
			Alternate	Joe	May												
		<b>Middle Island Civic Association</b>	Member	Tom	Talbot	P											
		(Nowak 01/15)	Alternate	John	Nowak	P											
		<b>Photon Sciences User Committee</b>	Member	Jean	Jordan-Sweet												
		(Ravel -02/11)	Alternate	Bruce	Ravel	P											
		<b>Ridge Civic Association</b>	Member	Pat	Henagan	P											
			Alternate														
		<b>Town of Brookhaven (Graves - 06/06) (removed 1/2015)</b>	Member	Anthony	Graves												
			Alternate														
		<b>Town of Brookhaven, Senior Citizens Office</b>	Member	James	Heil	P											
			Alternate														
		<b>Town of Riverhead (Doroski - 04/11)</b>	Member	Isidore	Doroski	P											
		(Hulme - 04/11)(Hulme removed 4/14)	Alternate														
		<b>Wading River Civic Association</b>	Member	Helga	Guthy	P											
			Alternate	Sid	Bail												