

**Community Advisory Council
December 8, 2011
Action Items/Notes**

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. BGRR Update
5. Community Comment
6. Agenda Setting
7. BNL Natural Resources Update – Tim Green, Environmental Protection Division

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: S. Bogart, J. Carter, J. D’Ascoli, N. Detweiler, B. Dorsch, L. Garber, D. Gibbs, G. Goode, T. Green, M. Holland, M. Israel, S. Johnson, R. Lee, M. Lynch, D. Paquette, D. Rocco, D. Shea, S. Wiesmann

2. Correspondence and Handouts

Items numbered one through five were mailed to Members with a cover letter dated December 2, 2011. Item number six was available as a handout at the meeting.

1. Draft agenda for December 8, 2011
2. Draft notes for November 10, 2011
3. Copy of the CAC Operating Guidelines
4. Action Items 11-06 and 11-08
5. Invitation and map to Holiday Reception
6. Copy of presentation, Natural Resource Management Plan Update

3. Administrative Items

The meeting began at 7:04 p.m. Reed Hodgkin, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Approval of Minutes:

Hodgkin asked for corrections, additions, or deletions to the November 10, 2011 draft notes. Member Blumer said at the end of the meeting Member Esposito recommended a change in the distribution of the members. She wanted to add that she had suggested taking a look at that because there may be some environmental groups interested in joining. She would like that to be left open for discussion.

Member Esposito said the CAC voted on that last month.

Member Blumer said she did not remember having a vote.

Reed said we will look into it and get back to you.

Member Jordan-Sweet said on page 4, the notes say the workers wear respirators that monitor oxygen, Co, etc., it should say CO. Also, on page 9, under Garber's comment, the word *or*, should be *for*.

Member Chaudhry asked Member Giacomaro for more information regarding his comment about a Suffolk County study that was completed in the 1990s. He asked for a copy of the study.

Member Giacomaro said he will bring a copy to the next meeting.

The notes were approved as amended with none opposed and two abstentions.

Proposal Update

Doon Gibbs, Deputy Director for Science and Technology, reported that the L.I. Regional Economic Development Council has selected the winners from the proposals submitted and BNL will receive \$5M for the SGRID³ project and \$320K for the STEM project. We appreciate all the letters that the CAC members wrote in support of Brookhaven Lab's projects.

Member Esposito asked how the money will be used.

Gibbs said it will be seed money for the development of both of the projects. The larger project, SGRID³, will need more funding to put up the structures at Stony Brook University and BNL.

Worker Injury Incident at BGRR

George Goode, Assistant Lab Director for Environment, Safety and Health, said there was an injury at the Lab on November 29th. There were two workers on a scissor lift working 16 feet up. One of the workers leaned against the lift railing, which folded and he fell onto the concrete floor. He has since been released from the hospital and will recover at home with physical therapy and rest. The Lab is looking into all aspects of work planning, training, etc. so the factors that led to the injury can be determined. The primary cause was that the locking pins for the railing on the lift were not put in place and when he leaned on it, it collapsed.

Member Chaudhry asked about the Lab's liability.

Goode said the Lab is looking into all aspects of this incident.

Member Jordan-Sweet asked if there was a checklist that should have been gone over prior to using the lift.

Goode said there are three levels of inspection that were applicable. However, there is no checklist that must be filled out every day.

Member Giacomaro asked when the worker will be back to work.

Goode said that is unknown at this time.

Member Peskin said since this happened at the BGRR, is radiation contamination a concern.

Goode said it was considered a contamination area, but the levels were very low. As they prepared the individual to be transported, he was surveyed and determined to be clean. When he arrived at the hospital, he was also tested there and determined to be clean.

4. BGRR Update – Diane Rocco, Director, Environmental Restoration Projects

Diane Rocco said there has been progress on the BGRR since the last meeting. As of today, the concrete is down on all four walls and the exterior seal wall has been removed from two of

the walls. There was a shipment of waste that went out last month and it has arrived at the disposal site. The containers should be on their way back to BNL this week so another shipment can be sent out. Re-using the containers minimizes the rental costs. The surface around the interior is being cut and trimmed along the floor so it is level.

Member Esposito asked if this was on schedule.

Rocco said because of the accident, we are engaged in a stand down so safety practices and procedures can be reviewed and to make sure that all worker training is up-to-date. This has set us back about a week. We are waiting for corrective actions related to using the scissor lift.

Member Chaudhry asked why the metal balls were added to the concrete walls.

Rocco said they were used as additional shielding.

Member Blumer asked if all the waste is going to the same place.

Rocco said it is all going to Energy Solutions in Utah.

Reed thanked Rocco and asked her to come back again with another update in the future.

George Goode gave an update on the sealed source incident. He said the Lab has finished all the reviews and a statement will be released tomorrow with the findings. It was agreed that the statement would be emailed to the CAC tomorrow as well.

Member Jordan-Sweet said Barbara Royce, the president of Thee Island Inn, is looking for new or gently used winter coats, hats, gloves, etc. for the local community. If anyone has anything they would like to donate, please email Barbara at royce@bnl.gov.

Nora Detweiler, liaison to the CAC, said in regard to the Energy Employees Occupational Illness Compensation Program Act (EEOICPA) discussed last month, the Department of Health and Human Services has announced its intent to review a new class to be added to the special exposure cohort for BNL that will cover the timeframe from 1980 to 1993. As we get more information, we will forward that to you. She then said the Five-Year Review is complete and the Notice of Availability will be in the paper next week and the document will be on the web. We will provide you with the link. She also said Member Mannhaupt is recovering from a stroke. There is a Get Well card being passed around for everyone to sign. Also, if anyone is interested, they can send her an email.

Member Esposito asked for her address.

Detweiler said she will get the information to her.

Member Garber asked if Member Mannhaupt is in the hospital.

Detweiler said no, she is home now.

5. Community Comment

There was no community comment.

6. Agenda Setting

Nora Detweiler said next month there will be a presentation on the Site Environmental Report, an update on Freon-11, and an update on the BGRR. She asked anyone with anything else to add, to please email her.

Member Shea said she would like to have a presentation on the impacts of Fukushima, if they affected the U.S. and if BNL has done any testing of the air.

Detweiler said she is working on getting a presenter to come in.

Member Blumer asked for a presentation on the projects - SGRID³ and STEM - that were awarded funding by the Economic Development Council.

Hodgin said he wanted to correct a mistake that he made during the approval of the minutes. He said, as part of last month's discussion, a change was made to the makeup of the categories on the Council. The Environment category was reduced by two to three and the Civic category was increased by two for a total of nine during the discussion. That was part of the vote that took place and it was approved last month. We also said we would look at the makeup of the organization and categories in more detail and look at the distribution for the future. Hodgin suggested that a subcommittee be established to do that and that a recommendation be brought back to the CAC.

Member Garber suggested waiting until there are three or four new member applicants and then having that discussion.

Member Blumer asked how many new organizations are interested in joining.

Member Esposito said there is one Civic organization interested right now that she is aware of.

Detweiler said there are a few others interested also.

Hodgin said perhaps the community can decide what the distribution of membership should be and then adjust accordingly. He asked if the group was agreeable to that.

Member Garber said if we get more of an influx of environmental groups, we will adjust accordingly.

Member Esposito liked that idea.

7. BNL Natural Resources Update – Tim Green, Environmental Protection Division

Tim Green gave an update on BNL's Natural Resource Management Plan (NRMP). He gave a quick history of natural resource management at BNL from the 1800s through the 1990s. He explained the Upton reserve and the Foundation for Ecological Research in the Northeast (FERN). He said the Natural Resource Management Plan was finalized in December of 2003 and he spoke about the accomplishments from 2003 to 2011. He noted that the Natural Resource Program works with the Office of Educational Programs (OEP) on research projects and on OEP's Open Space Stewardship program.

Green said the NRMP is supposed to be updated about every five years. BNL is learning from past experiences. Key focus areas of the plan are the protection of threatened and endangered species and their habitat, management of invasive species, deer management, fire management, feral and nuisance animal management, wetland and river management, forest health and monitoring, bird surveys, climate change, and research primarily focused on the Long Island Solar Farm (LISF) for the next three to five years. Green mentioned that he is getting ready to start working on the Environmental Assessment for deer management, they are working with the State to increase the additional use of prescribed burns, and that they will be monitoring the impacts from removing the Sewage Treatment Plant discharge from the Peconic River. He also spoke about the LISF and the impacts of the utility scale solar arrays,

Members of the CAC asked several questions including:

Member Esposito asked if they look for aquatic invasive species.

Green said yes, we have an invasive species in our recharge basins. We have developed an invasive species prevention program. He said there were a lot of invasives in the area that is now the Solar Farm, so when they cleared the area, they were removed, including barberry and phragmites. We have treated the entire length of Upton Road, as well as other roadside areas. We are at 90 percent eradication.

Member Blumer asked what is meant by treatment.

Green said initially they are treated with an herbicide and then pulled out or cut.

Green spoke about the prescribed fires that typically take place the last weekend in October at the Lab.

Member Blumer asked if there are any follow-up studies on the succession of the fires.

Green said there was a successful burn in 2007. He said the idea is to allow the seedlings to get going and that has been successful. They seem to be working as intended.

Green said we went from 15 to 26 known habitats of the tiger salamander, one of which was created from a recharge basin.

Member Blumer asked if these habitats were all created or if some were discovered.

Green said these were discovered, mostly after a rainfall.

Member Shea asked about the size of the banded sunfish and swamp darters.

Green said the largest banded sunfish was three and a half inches and the swamp darter is about two inches.

Member Blumer asked if there will be a comparison between the Solar Farm and the solar arrays in parking lots.

Green said no.

Member Garber asked what the original composition of the forest was before the cord wood cuttings in the 1800s.

Green said it has always been Pine Barrens.

Hodgin asked for final comments from the audience.

Sharon Weismann, from the Yaphank Taxpayers and Civic Association said her organization is interested in becoming a member of the CAC and she enjoyed tonight's meeting. She said a lot of questions that they had were answered and now she can bring that information back to her organization.

The meeting adjourned at 9:15 p.m.

Agenda Topics
February 10, 2011 Poll

Homeland Security – 9
Nanotechnology ~~Developments & Standards~~ – 7 (3/10/2011 - E. Mendez)
Science & Politics – 7
Overview of BNL Land Use Plan – 6
Sustainability – 6
~~Photovoltaics~~ – 6 (3/10/2011 - E. Mendez and R. Lofaro)
PET/MRI Research – 6
LISF Tour Prior to Completion – 6
~~Business/Lab Integration of New Technologies~~ – 6 (4/14/11 – Walter Copan)
Nano Patterning – 5
~~Natural Resources Management Plan~~ – 5 (12/8/11 – Tim Green)
Nuclear Non Proliferation – 4
Nuclear Safety – 4
Catalysis & Super Conducting Magnets – 3
Cosmology – 3
Accelerate Long Island as information becomes available - 3
Safety Progress – 2
CRADAS – 2
Radio Isotopes – 2
Nuclear Stewardship - 1
~~Technology Transfer~~ – 0 (4/14/11 – W. Copan)

P = Present	2011	Affiliation		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
ABCO	(Garber added on 4/10/02)	Member	Don	Garber				P	P	P	P			P	P	P	P
ABCO	(Madigan added 10/10)	Alternate	Michael	Madigan	P	P			P						P	P	P
American Physical Society		Member	Margaret	Malloy			P	P	P		P			P	P	P	
Brookhaven Retired Employees Association (Peskin replaced Campbell 09/09)		Member	Arnie	Peskin			P	P	P	P				P	P	P	P
Brookhaven Retired Employees Association (Franz 12/09)		Alternate	Eena-Mai	Franz	P	P				P	P			P			P
CHEC (Community Health & Environment Coalition (added 10/04)(Anker removed 9/11)		Member															
(added 12/08) (R. Andrejkovics removed 9/09)		Alternate															
Citizens Campaign for the Environment		Member	Adrienne	Esposito	P				P	P	P			P		P	P
Citizens Campaign for the Environment (K. Jacobs off 1/08)		Alternate															
Colonial Woods Whispering Pines (added 06/09)		Member	Christine	Birben	P	P	P	P	P	P	P			P	P	P	P
Colonial Woods Whispering Pines (added 09/09)(Rehbein added 11/10)		Alternate	Eric	Rehbein	P	P			P	P	P			P		P	
E. Yaphank Civic Association		Member	Michael	Giacomaro			P	P	P	P	P			P	P	P	P
E. Yaphank Civic Association (J. Minasi new alternate as of 3/99) (M. Triber 11/05) (Munson 6/06) (Feinman 2/09)		Alternate	Bob	Feinman	P			P	P	P				P	P	P	P
Educator (changed 7/2006)(Bush member 5/10)		Member	Greg	Bush			P	P	P	P	P			P		P	P
Educator (B. Martin - 9/01)		Alternate	Bruce	Martin													
Educator ((Bush 5/09)		Alternate	Adam	Martin													
Fire Rescue and Emergency Services (J. Williams removed 3/11) (F R & E services resigned 2/2011)		Member															
Fire Rescue and Emergency Services (D. Lynch removed 3/11)		Alternate															
Fire Rescue and Emergency Services (J. McLoughlin removed 3/11)		Alternate															
Friends of Brookhaven (E. Kaplan changed to become member 7/1/01)		Member	Ed	Kaplan			P	P						P	P	P	
Friends of Brookhaven (Schwartz added 11/18/02)		Alternate	Steve	Schwartz					P								
Health Care		Member	Jane	Corrarino	P			P	P		P				P		
Health Care		Alternate															
Huntington Breast Cancer Coalition		Member	Mary Joan	Shea	P	P	P	P			P				P	P	P
Huntington Breast Cancer Coalition		Alternate	Scott	Carlin				P									

P = Present	2011	Affiliation	First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		Intl. Brotherhood of Electrical Workers/Local 2230 (S. Krsnak replaced M. Walker 1/11/07)	Member	Scott	Krsnak			P	P		P		P	P		P
		IBEW/Local 2230 (off mailing list 8/2009)	Alternate	Philip	Pizzo											
		L.I. Pine Barrens Society	Member	Richard	Amper											P
		L.I. Pine Barrens Society (Motschenbacher 6/09)	Alternate	Beth	Motschenbacher	P	P	P	P							
		L.I. Pine Barrens Society (Murdocco 4/11)	Alternate	Richard	Murdocco				P	P			P	P	P	P
		L.I. Progressive Coalition	Member	David	Sprintzen	P	P		P	P	P		P	P	P	P
		L.I. Progressive Coalition	Alternate	None	None											
		Lake Panamoka Civic Association (Biss as of 4/02)	Member	Rita	Biss	P	P	P	P	P	P			P	P	P
		Lake Panamoka Civic Association (Gibbons off 1/10)(Grandal added 10/10)	Alternate	Bonita	Grandal	P			P	P	P		P	P	P	P
		Long Island Association (Groneman replace 10/05)	Member													
		Long Island Association (LIA resigned Evanzia removed 2/11)	Alternate													
		Longwood Alliance	Member	Tom	Talbot		P	P		P			P		P	
		Longwood Alliance	Alternate	Kevin	Crowley											
		Longwood Central School Dist. (switched 11/02)(Castro replaced Henigin 6/09)	Member	Maria	Castro	P	P	P	P				P			
		Longwood Central School Dist.	Alternate	Allan	Gerstenlauer											
		NEAR	Member	Jean	Mannhaupt			P								
		NEAR (prospect taken off ¾) (Blumer added 10/04)	Alternate	Karen	Blumer		P		P		P				P	P
		NSLS User	Member	Jean	Jordan-Sweet		P	P	P	P	P		P	P	P	P
		NSLS User (P. Stephens removed after contact regarding new address failed mail returned 5/2010) (Ravel added 2/11)	Alternate	Bruce	Ravel			P	P	P	P		P	P		
		Ridge Civic Association	Member	Pat	Henagan		P	P		P	P		P	P	P	
		Science & Technology (added 1/1/05)	Member	Iqbal	Chaudhry		P	P		P	P		P	P	P	P
		Town of Brookhaven (Graves made member 6/06)	Member	Anthony	Graves	P									P	
		Town of Brookhaven (Ormond 9/10)	Alternate													
		Town of Brookhaven, Senior Citizens	Member	James	Heil	P	P	P	P	P	P		P		P	
		Town of Brookhaven, Senior Citizens (open slot as of 4/99)	Alternate													
		Town of Riverhead (Conklin until 12/09)(added 4/11)	Member	Isidore	Doroski					P				P		P
		Town of Riverhead (added 4/11)	Alternate	Suzanne	Hulme				P				P			P
		Wading River Civic Association	Member	Helga	Guthy		P	P	P	P	P		P	P	P	
		Wading River Civic Association	Alternate	Sid	Bail											