

**Community Advisory Council
April 10 2014
Action Items/Notes**

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
 - Environmental Update – Perimeter Soils
4. BNL Management & Operations Contract Competition
5. Community Comment
6. Agenda Setting
7. The History of the BNL Site
8. Membership – vote on proposal to change the Individual status to Education for Greg Bush & Bruce Martin

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: S. Bogart, D. Gibbs, T. Green, R. Howe, S. Johnson, T. Kneitel, M. Lynch, G. Mattson, R. McKay, D. Paquette, P. Paul, J. Remien, N. Sundin, R. Tribble

2. Correspondence and Handouts

Item numbers one and two were mailed to Members with a cover letter dated April 3, 2014. Items three through six were available as handouts at the meeting.

1. Draft agenda for April 10, 2014
2. Draft notes from the March 13, 2014 meeting
3. Presentation – Former Hazardous Waste Management Facility – Perimeter Soils Update
4. Presentation – BNL Contract Competition Overview
5. Presentation - History of the BNL Site
6. Action Item – More specific information (dates) for the groundwater treatment systems

3. Administrative Items

The meeting was called to order at 6:34 pm. Reed Hodgins, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Member Jordan-Sweet said that there has been a name change to her organization. The NSLS is now called Photon Sciences, so the organization she represents is now called the Photon Sciences User Committee.

Doon Gibbs, Lab Director, introduced Dr. Robert Tribble, the new Deputy Director for Science and Technology. Gibbs said that George Goode has moved to the newly formed Office of Institutional Improvement and he introduced Gail Mattson as the new Assistant Lab Director (ALD) for Environment, Safety & Health. He said that Marge Lynch will be leaving the Laboratory to join a consulting practice after serving for 17 years as ALD for CEGPA. She will be missed.

Marge Lynch thanked the CAC and Reed Hodgkin for everything. Member Heil presented Lynch with a certificate and photo thanking her for many years of service, particularly her support for the CAC.

Nora Sundin, liaison to the CAC, said that the discussion on members that have not met the attendance requirements will be postponed until next month. We are working things out with some of the groups.

Member Sprintzen asked for a brief explanation of gravity waves.

Hodgkin said time on the agenda could be found for that later in the evening.

Approval of Minutes

Hodgkin asked for corrections, additions, or deletions to the March 13, 2014 draft notes. Member Martin said that on page two, he is requesting that his Individual category be changed to Education, rather than FEE (Foundation for Economic Education). The notes were approved as amended with none opposed and four abstentions.

Environmental Update – Perimeter Soils

Jason Remien, Interim Manager for the Environmental Protection Division, said that there have been several phases of investigation, remediation, and associated reporting since 2005 on the Former Hazardous Waste Management Facility (FHWMF) Perimeter area. He said contamination is believed to be a result of historical operations associated with the transfer and management of wastes to and within the FHWMF and storm water runoff from contaminated soils within the facility. He explained that Cs-137 is the primary contaminant of concern and is limited to the top six inches to one foot of soil. There are no groundwater impacts. In December 2013, the FHWMF Perimeter area was designated as Sub-Area of Concern 1J and is administratively included under the Operable Unit I Record of Decision (ROD). He explained how the area was surveyed using GPS backpacks to detect levels of Cs-137. Phase 3 activities are currently scheduled to start on May 1, 2014 and include: excavation of contaminated soil above cleanup goals (23 pCi/g), completion of final status survey and sampling, including Oak Ridge Institute for Science and Education (ORISE) independent verification, post closure dose assessment in accordance with the Residual Radioactivity Computer Code (RESRAD), characterization, transportation and disposal of excavated soil and implementation of institutional controls.

Member Meade asked where the contaminated soil is taken after it is removed and what is done with it. Can it be re-used?

Remien said it will be moved by rail car to a permitted area, possibly Envirocare in Utah. It will not be remediated or recycled, but will be disposed of in a landfill that is permitted for that type of contamination.

Member Chaudhry asked why ORISE is used for verification.

Remien said they have been used throughout the years as an independent verification source. ORISE conducts surveys and they sample and verify the data. They have been part of the CERCLA process since the beginning.

Terri Kneitel said in 1999, when the Operable Unit I Record of Decision was signed, there wasn't a lot of radiological expertise in the State or the EPA, so as a check on the DOE, independent verification was required. ORISE was selected because they have expertise in radiation and radioactivity and they do statistical analysis.

Member Giacomaro asked how much soil will be removed, how many rail cars will be used, and if it will be done all at once.

Remien said about 600 cubic yards of soil will be loaded onto the rail cars. The number of cars depends on the type of rail car that is used. It could be done with 9 or 10 Gondolas. If Intermodal containers are used, which can only hold about 20 cubic yards; about 30 of them would be needed. The plan is to ship it all at the same time.

Member Heil asked why the contamination is contained to the top six to twelve inches of soil.

Tim Green said that Cs-137 adheres to the soil particles and acts like a salt. It grabs onto the soil particles and doesn't let go.

4. BNL Management & Operations (M&O) Contract Competition - Lou Sadler, Assistant Chief Counsel, DOE Office of Science, Chicago Office

Lou Sadler said that information on the Request for Proposals (RFP) can be found on the website: <http://bnlcompetition.science.energy.gov/>. He said he can only discuss publicly available information. Because the Lab is in competition mode, there are federal laws precluding him from talking about certain things. He cannot say or do anything that would appear to give an unfair advantage to BSA. He said a Source Evaluation Board (SEB) has been formed made up of DOE employees and includes advisors, support staff, and support contractors for administrative functions. The SEB developed the RFP and issued it on 3/20/14. Proposals are due by 6/19/14. The RFP governs; nothing I say amends the RFP. He said Dr. Timothy Hallman is the Source Selection Official (SSO) and will make the final M&O contractor selection.

Sadler spoke about the highlights of the RFP and community involvement, including the CAC. He explained that this is a performance-based contract with no base fee and all fee is at risk. He said there will be a five year base term with the ability to earn up to 15 one year extensions, depending on contractor performance. He suggested all those interested should check the website often for updates and submit any questions online to the competition website. He stressed the fact that the RFP governs!

Member Schwartz asked when it will be known which organizations are competing.

Sadler said there was a press release announcing that BSA was competing. You can find expressions of interest by looking at who has attended the meetings and have agreed to have their names posted. Other than that, we will not know. Only the winner will be posted.

Member Martin asked if BSA is the same group that is now managing the Lab or if it will be restructured.

Sadler said as far as he knows it is the same.

Member Martin asked how long a proposal is and if the one year extensions go year by year.

Sadler said the length of a proposal varies. The extensions are issued one year at a time.

Member Chaudhry asked if there are a limited number of organizations allowed to compete. He also asked for an explanation of the term limits.

Sadler said the competition is open to all. He explained that the five year contract term with one year extensions is the model.

Member Schwartz asked when it will be made known that each of the one year extensions has been achieved.

Sadler said a determination is made at the end of each fiscal year based on performance.

Member Sprintzen asked if the competition is open only to U.S. companies.

Sadler said yes, due to the classified nature of the information.

Member Martin asked what percentage of BNL's work is classified.

Gibbs said the Lab does one percent of non-weapons related classified work.

Sadler said the next five years is crucial for the Lab.

5. Community Comment

There was no community comment

6. Agenda Setting

Nora Sundin said she does not have the details on the agenda for next month yet, but will get that information to the CAC as soon as she has it. She said there will be a tour of NSERC at 5:00 on the evening of the June meeting followed by dinner and then a presentation on the NSLS-II by Steve Dierker.

Dr. Robert Tribble gave the CAC an explanation of gravity waves.

7. The History of the BNL Site – Tim Green, Natural & Cultural Resources

Tim Green gave an historical overview of the BNL site. He said pre-1900 there was transient Native American activity. During World War I, the site was developed as Camp Upton; an Army induction and training camp. In the 1930s, the Civilian Conservation Corps managed and replanted the Upton National Forest. And then during World War II, the site was reopened as Camp Upton and was used for convalescence and rehabilitation of the troops. The site became Brookhaven National Laboratory in 1947. Green showed many historic maps comparing the area years ago to today. He described historic facilities that included the BGRR, the Cosmotron, and the HFBR, and discussed the Nobel prizes that have been awarded for research completed at the Lab.

Member Henagan said this would be a good presentation to give during Summer Sundays.

8. Membership – vote on proposal to change the Individual status to Education for Greg Bush & Bruce Martin

Hodgin said that the vote on whether to change the membership category for Greg Bush & Bruce Martin will be postponed until next month because there no longer is quorum. He said the presentation on their organization will be held earlier in the meeting to ensure there are enough people present for a vote.

The meeting adjourned at 9:10 p.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 (November 14, 2013)
Intellectual Property - 2
~~Tree Bronzing~~ – 1 (June 13, 2013)
Fluctuations in Vacuum - 1
Impact of Fukushima Radiation - 1

P = Present	2014	Affiliation		Jan	Feb No mtg	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
			First Name Last Name												
		ABCO (Garber - 04/02)	Member Don Garber												
		(Madigan -10/10)	Alternate Michael Madigan				P								
		American Physical Society	Member Margaret Malloy	P		P	P								
		(Schuman 1/14)	Alternate Reinhart Schuman												
		Brookhaven Retired Employees Association (Peskin - 09/09)	Member Arnie Peskin												
		(Franz - 12/09)	Alternate Eena-Mai Franz	P		P	P								
		(Shapiro-1/13)	Alternate Steve Shapiro												
		Citizens Campaign for the Environment	Member Adrienne Esposito	P		P									
			Alternate												
		Colonial Woods Whispering Pines (Birben - 06/09)	Member Christine Birben												
		(Rehbein -11/10)	Alternate Eric Rehbein	P		P									
		Coram Civic Association (Ziems - 06/12)	Member Paul Ziems	P		P									
		(Meade – 06/12, Jim M 10/12)	Alternate Jim Meade				P								
		East Yaphank Civic Association	Member Michael Giacomaro	P		P	P								
		(Feinman - 02/09)	Alternate Bob Feinman			P									
		Emeritus (changed 3/8/12)	Member Jean Mannhaupt												
		Friends of Brookhaven (Kaplan - 07/01)	Member Ed Kaplan												
		(Schwartz - 11/02)	Alternate Steve Schwartz				P								
		Huntington Breast Cancer Coalition	Member Mary Joan Shea	P		P	P								
			Alternate Scott Carlin												
		IBEW/Local 2230 (Krsnak 01/07)	Member Scott Krsnak												
			Alternate												
		Individual (changed 3/12)	Member Karen Blumer	P											
		(added 6/12)	Alternate Michael Madigan	P		P									
		Individual – (changed 3/12)	Member Greg Bush												
			Alternate Adam Martin												
			Alternate Bruce Martin			P	P								
		Individual – (changed 3/12)	Member Jane Corrarino			P									
			Alternate												
		Individual – (changed 3/12)	Member Iqbal Chaudhry	P			P								
			Alternate												

P = Present	2014	Affiliation		Jan	Feb No mtg	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
			First Name Last Name												
		L.I. Pine Barrens Society	Member Richard Amper			P									
		(Murdocco - 04/11, deleted 6/12) (Muller added – 8/12)(Katie Rose Leonard added – 6/13)	Alternate Katie Rose Leonard	P											
		L.I. Progressive Coalition	Member David Sprintzen	P		P	P								
			Alternate												
		Lake Panamoka Civic Association (Biss - 04/02)	Member Rita Biss	P		P									
		(Grandal - 10/10)	Alternate Bonita Grandal	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												
		Middle Island Civic Association	Member Tom Talbot	P		P	P								
			Alternate Kevin Crowley												
		Photon Sciences User Committee	Member Jean Jordan-Sweet	P			P								
		(Ravel -02/11)	Alternate Bruce Ravel	P		P									
		Ridge Civic Association	Member Pat Henagan	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								
			Alternate												
		Town of Riverhead (Doroski - 04/11)	Member Isidore Doroski	P		P									
		(Hulme - 04/11)	Alternate Suzanne Hulme												
		Wading River Civic Association	Member Helga Guthy	P		P	P								
			Alternate Sid Bail												