

**Community Advisory Council
October 14, 2021
Action Items/Notes**

Final

Note: This meeting was held virtually. A video recording of the Zoom meeting is available.

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Environmental Updates
5. Department of Energy, Brookhaven Site Office Briefing on BNL Participation in LIPA's 2021 Bulk Energy Storage RFP
6. High Energy Accelerator Production of Actinium-225 at BNL
7. EPA presentation re: BNL's National Emission Standards for Hazardous Air Pollutants (NESHAP) application Energy Storage presentation
8. 2020 Site Environmental Report
9. Agenda Setting
10. Community Comment

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: J. Carter, A. Clifton, F. Craner, C. Cutler, T. Daniels, M. Davis, J. Diehl, W. Dorsch, A. Engel, R. Fliller, N. Foster, P. Genzer, D. Gibbs, S. Gonzalez, R. Gordon, J. Granzen, T. Green, L. Hammons, S. Harling, S. Hartzell, R. Hodgkin, D. Manning, R. McKay, J. Milligan, D. Ours, D. Paquette, J. Pavacic, C. Polanish, V. Racaniello, A. Rapiejko, J. Remien, C. Sherman, R. Tribble, J. Wanless, T. Welty.

2. Correspondence and Handouts

Items numbered one and two were e-mailed to Members on October 7, 2021. Items numbered three through five were e-mailed to Members on October 14, 2021.

1. Draft agenda for October 14,2021 meeting
2. Draft notes from the September 9,2021 meeting
3. Copy of presentation: High Energy Accelerator Production of Actinium-225 at BNL
4. Copy of presentation: EPA Review, community presentation
5. Copy of presentation: 2020 Site Environmental Report

3. Administrative Items

The meeting was called to order at 6:30 p.m. Reed Hodgkin, facilitator, welcomed everyone to the Zoom virtual meeting. He reviewed the ground rules and draft agenda.

David Manning, Director - Stakeholder Relations office, welcomed everyone.

Doon Gibbs, Laboratory Director, welcomed everyone and said the Lab is continuing as we have been with about 1/3 of our staff members working on site daily. We are in the process of implementing the vaccination requirement that was in President Biden's executive order.

Hodgin welcomed potential new CAC Member, John Pavacic. He said John represents the Foundation for Research and Stewardship in the LI Pine Barrens Maritime Reserve (FOREST)

Pavacic introduced himself and gave the CAC some information on his background.

Hodgin said the Lab has identified five CAC Member groups that have not met the attendance requirements for the last 12 months. They will be sent a letter encouraging them to attend the next meeting. If they are not able to do that, we will be taking membership action with them.

Approval of notes:

The September 2021 Action Items and Notes were approved as written with none opposed and five abstentions.

4. Environmental Updates

Jason Remien, Environmental Protection Division Manager, updated the CAC on Bldg. 650 remediation and the Stack demolition project.

Member McCormick asked if the other monitoring agencies (NYSDEC and SCDOH) independently sample the area where the Stack was with respect to after work activities.

Remien said this project has a separate third party called ORISE, that comes in and does sampling and reviews the closeout report and results.

Daniel Ours said ORISE is the Oak Ridge Institute of Science and Education, an independent agency attached to DOE. They basically shadowed the Lab and replicated samples that were taken. They ran their own analysis independent of the Labs and their results will be recorded along with ours in the closeout report.

Member McCormick asked if those reports will be available to the CAC for review.

Remien said yes, we agreed to make the final closeout report available to the CAC.

5. Bob Gordon, Department of Energy, Brookhaven Site Office Briefing on BNL Participation in LIPA's 2021 Bulk Energy Storage RFP

Bob Gordon spoke about energy storage at Brookhaven and the Lab's participation in LIPA's 2021 Bulk Energy Storage Request for Proposals (RFP).

Member Esposito said the proposer of this project reached out to Citizen's Campaign for the Environment (CCE). This would be constructed on land that is already cleared, near a substation that could accept the power, and right next to the existing solar farm. So, CCE is in favor of this proposal.

Gordon said from the DOE perspective, this is an ongoing RFP so we have not gotten into discussions with the proposers. I am glad that they have reached out to you, but we cannot get involved in the process because it's an ongoing solicitation.

6. Dr Cathy Cutler, High Energy Accelerator Production of Actinium-225 at BNL

Bob Tribble, Deputy Director for Science and Technology, Director's Office, introduced Dr Cathy Cutler, BNL's Director of MIRP (Medical Isotope Research and Production)

Dr Cutler spoke about the isotope program at BNL.

7. Conrad Sherman, EPA presentation re: BNL's National Emission Standards for Hazardous Air Pollutants (NESHAP) application

Conrad Sherman, Environmental Protection Agency, spoke about BNL's NESHAP application. He said he will come back once the application is reviewed and approved to update the CAC on the status.

8. Jason Remien, 2020 Site Environmental Report (SER)

Jason Remien provided an overview of the 2020 SER. The presentation started off with a quick discussion about the cover photo on the 2020 SER. He said it shows how few cars and people have been at the Lab due to the pandemic.

Remien spoke about Chapters 2 through 8.

- Environmental Management System
- Compliance Status
- Air Quality
- Water Quality
- Natural and Cultural Resources
- Groundwater Protection
- Radiological Dose Assessment

Member McCormick asked for more information on the apartments that tested positive for contamination. Where are they located and what is being done to determine the severity of that issue?

Remien said the contamination was lead and was located in the apartment area in some apartments that were not being used and that date back to WWII. The Lab's Discovery Park proposal has a plan to remove those old apartments.

Member McCormick said, you mentioned there are four air monitoring stations on the perimeter of the Lab's property. How was the location of those determined?

Remien said those monitoring stations were placed in various locations based on wind rose data that has been collected by the Lab's Meteorological Services department for many years.

Member Krupski asked about deer sampling for cesium. Do you get baseline sampling from areas 20-30 miles away?

Tim Green said we sample onsite and as far away as five miles. We found background levels on samples that were over one mile away. Samples from onsite to one mile offsite contain the same levels of cesium.

Member Schuhmann asked about air travel and commuting. Is the Lab going to continue having people work remotely after Covid is gone so the commuting will be reduced permanently? What about continuing virtual meetings?

Gibbs said yes to both. We are putting into place a plan for remote workers, teleworkers who spend up to 60% of their time offsite and then fully onsite workers. We will have alternative

arrangements going forward. I am not aware of any plans that relate to air travel, but no doubt, meetings will have virtual components. The virtual meetings are working well.

9. Agenda Setting

Amy Engel, Stakeholder Relations office, said next month John Shanklin will give the CAC an update on COVID and Bill Dorsch will provide groundwater update. In November I will have information on topics for the Spring meetings.

Member Sprintzen reminded everyone that the November meeting will be on a Wednesday instead of a Thursday.

Engel said that is because the meeting fell on Veterans Day, so it will be held on November 10th instead of the 11th.

10. Community Comment

There was no community comment.

The meeting adjourned at 8:47 PM

Next meeting: November 10, 2021

				Jan No mtg	Feb No mtg	Mar	Apr	May	June No mtg	July No mtg	Aug No mtg	Sep	Oct	Nov	Dec
X = Present	2021	Affiliation	First Name	Last Name											
		ABCO – Civic (Garber - 04/02) (Bevington – 6/14) (Keenan-10/14)	Member	Ray	Keenan		X	X	X			X	X		
		(Madigan -10/10)	Alternate	Michael	Madigan			X							
		American Physical Society – Business & Labor	Member	Reinhardt	Schuhmann		X	X	X			X	X		
		(Schuhmann 1/14, member 9/15)	Alternate	Donavan	Hall										
		Brookhaven Coalition of Chambers of Commerce – Bus & Labor (added 6/15)	Member	Ron	Trotta										
		(Inserra added10/20)	Alternate	Carmine	Inserra		X								
		Brookhaven Retired Employees Association- BNL (Peskin - 09/09)(Franz 1/17)	Member	Mark	Israel		X	X	X			X	X		
		(Franz - 12/09)(Israel 1/17)	Alternate	Eena-Mai	Franz		X								
		(Shapiro-1/13)	Alternate	Steve	Shapiro		X								
		Citizens Campaign for the Environment – Advocacy & Environment	Member	Adrienne	Esposito		X	X	X			X	X		
		(Somma 11/16)	Alternate												
		Colonial Woods Whispering Pines – Civic (Birben - 06/09) (O'Neal 01/15, removed 10/15)(Koropsak 3/21)	Member	Jane	Koropsak		X		X				X		
		(Rehbein -11/10)	Alternate												
		Coram Civic Association (Ziems - 06/12)	Member	Paul	Ziems		X	X	X			X	X		
		(Meade – 06/12, Jim M 10/12, Turk 1/16)	Alternate	Rosa	Turk		X	X	X				X		
		East Yaphank Civic Association (Feinman 06/19)	Member	Robert	Feinman										
		(Feinman - 02/09 – 11/15)(Mack 11/15)	Alternate	Catherine	Mack										
		Emeritus – (Sprintzen changed from Individual10-20)	Member	David	Sprintzen		X	X	X			X	X		
		Foundation for Economic Education – Ed, Sci, & Tech (5/14)(Martin – 10/14)	Member	Bruce	Martin		X	X	X			X	X		
		(Pratka – 10/14)	Alternate	Craig	Pratka		X	X							
		Friends of Brookhaven- BNL (Kaplan 07/01–11/15)(Bowerman 11/15)	Member	Biays	Bowerman		X						X		
		(Schwartz - 11/02) (Ocko added 11/15)	Alternate	Steve	Schwartz		X	X	X			X			
			Alternate2	Ben	Ocko										
		Huntington Breast Cancer Coalition – Health-Based Rep	Member	Mary Joan	Shea				X						
			Alternate	Scott	Carlin										
		Individual	Member	Jane	Corrarino		X		X			X	X		
		Individual	Member	Karen	Blumer				X						
		Individual	Alternate	Michael	Madigan							X			
		L.I. Pine Barrens Society – Advoc & Env	Member	Richard	Amper										
		(Murdocco - 04/11, deleted 6/12) (Muller added – 8/12)(Katie Rose Leonard added – 6/13)(Muether added – 5/15) (Wolf added-1/19)(Moran added 2/20)(Muether 10/20)	Alternate	Katie	Muether										

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X = Present	2021	Affiliation	First Name	Last Name											
		(Gonzales added 11/20)	Alternate2	Miranda	Gonzales		X	X	X			X			
		Lake Panamoka Civic Association (Biss - 04/02)(Staddon 10/17)	Member	Richard	Staddon										
		(Grandal - 10/10)	Alternate	Bonita	Grandal										
		Longwood Central School Dist. – Ed, Sci, & Tech (Castro -06/09)(Adams 9/15)	Member	Tracy	Adams							X			
		(Gerstenlauer removed & Sterne added 5/14 removed 9/15)(Infranco1/17)	Alternate	Paul	Infranco										
		Mastic Park Civic Association (Sicignano – 6/12)	Member	John	Sicignano										
			Alternate	Clara	McManus										
			Alternate	Joe	May										
		Middle Island Civic Association (Filler 2/17)	Member	Martin	Filler		X	X	X			X			
		(Nowak 01/15 – 5/15)(Malloy 9/15)(Bailey 9/21 temp)	Alternate	Margaret	Malloy							X			
		NSLS-II User Committee – BNL	Member	Jean	Jordan-Sweet		X	X							
		(Ravel -02/11-9/15)(Bohon added 11/15)(Bohon removed)	Alternate												
		Ridge Civic Association (Henagan removed 9/15)(Chattaway added 10/15)(Casanova added 11/19)	Member	Ken	Casanova		X	X	X				X		
		Suffolk County Legislature 1st Dist. - Government (added 6/15)	Member	Al	Krupski			X	X				X		
			Alternate	John	Stype		X								
		Teachers Federal Credit Union – Bus & Labor (Murdocco 3/15) (Stafford 1/18) (Cahill 5/20) (Lemaire 9/21)	Member	Lynn	Lemaire										
			Alternate												
		Town of Brookhaven, Senior Citizens Office - Government	Member	James	Heil				X			X			
			Alternate												
		Town of Riverhead - Government (Doroski - 04/11)(McCormick – 10/20)	Member	Dan	McCormick		X					X	X		
		(Hulme - 04/11 - 4/14)(Janis Rottkamp 04/16)	Alternate	Janis	Rottkamp										
		Wading River Civic Association (Rundlett 09/16)(Kneitel 02/17)(Perez 06/19)	Member	Henry	Perez		X	X					X		
		(Bail and Guthy removed 11/2016)	Alternate	Linda	Rundlett										