

**Community Advisory Council
September 21, 2023
Action Items/Notes**

Final

Note: This was a hybrid meeting, held virtually through Zoom and in-person in Berkner Hall, room B.

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. Vision and Priorities for the Lab
5. Site Environmental Report (SER)
6. Agenda Setting
7. Community Comment

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: J. Anderson, B. Barth, D. Bauer, P. Genzer, S. Gonzalez, K. Green, T. Green, J. Hewett, R. Hodgkin, R. Howe, D. Manning, R. McKay, J. Milligan, A. Morocho, J. Mosho, A. Ozelis, D. Paquette, C. Polanish, D. Pocze, V. Racaniello, J. Remien, K. White, T. Welty

2. Correspondence and Handouts

Items numbered one and two were e-mailed to Members on September 11, 2023. Items numbered three through five were e-mailed to Members on September 21, 2023.

1. Draft agenda September 2023 meeting
2. Draft notes from the May 2023 meeting
3. Map with parking instructions
4. Copy of presentation: Vision and Priorities for the Lab
5. Copy of presentation: Site Environmental Report 2022

3. Administrative Items

The meeting was called to order at 6:35 p.m.

Ken White, Manager – Office of Educational Programs - BNL, was the in-room facilitator assisting Hodgkin. He welcomed everyone to the Community Advisory Council (CAC) Meeting.

Reed Hodgkin, CAC Facilitator, welcomed everyone to the September CAC meeting. He said that this month is the 25th anniversary of the CAC and thanked the charter members for their long-standing commitment. He went over the ground rules and draft agenda.

Hodgkin asked Members to introduce themselves, starting with the in-person audience. He deferred approval of the minutes and action items from the May meeting because quorum was not met.

Member Blumer said that at the last meeting, Member Krupski spoke about food scrap pilot programs that are happening in Riverhead and Southold. She said this is part of a regional effort to work toward zero waste. A group called Taking A Lead has been started to work on this issue and we would love to interact with the educational expertise at BNL.

David Manning, Director – Stakeholder Relations office, welcomed the CAC to the meeting and introduced the Lab's new director, Dr. JoAnne Hewett. He then said the Lab has announced that Ann Emrick has been appointed as the new Deputy Director for Operations beginning in October, replacing Jack Anderson. This will be Jack's last CAC meeting and we wish him well.

4. Vision and Priorities for the Lab, JoAnne Hewett, Laboratory Director

Director Hewett introduced herself and gave the CAC some background information. She said she has been at BNL for seven weeks and is pleased to be here and meet the CAC. She said the CAC is a tremendous asset to the Lab and thanked them for volunteering their time. She said she is a theoretical physicist in high energy physics and being here at BNL is the opportunity of a lifetime. She said two of her core values are safety and Diversity, Equity, Inclusion and Accessibility (DEIA).

Hewett then spoke about some of the science highlights at the Lab as well as several Lab staff accomplishments. She said the Laboratory continues to do world leading science. She spoke about the Electron Ion Collider (EIC) and said that is one of the reasons she came to the Lab. She said she welcomes feedback from the CAC.

Member Keenan said there is a small group here tonight due to the date change, usually there is a better turnout for CAC meetings.

Hewett said she was out of town last week and apologized that the date was changed to accommodate her schedule.

Member Sapp said today he joined several others on a tour of Stony Brook and then Brookhaven Lab. He said David Manning and his team have done a great job.

Member Schuhmann said previous Lab Director Gibbs used to go to Washington DC to discuss budget and other issues. He asked if Director Hewett will do the same.

Hewett said she is sure she will be visiting DC quite often. She said not much is known regarding the budget yet. In the event of a government shutdown, the Lab has a plan and will be ok. The Department of Energy (DOE) doesn't have to shut down either so work can continue.

Member Sprintzen asked what is being looked for with the new detector at the Relativistic Heavy Ion Collider (RHIC).

Hewett said the proton is not a fundamental particle. It has a quantum property called spin, and no one understands how it gets the spin. The theory doesn't explain it. That's what this detector will look at. It is built to measure different types of distributions. She then mentioned that they have recycled the magnet in this detector from a detector at SLAC.

5. Site Environmental Report, Jason Remien, Manager – Environmental Protection Division

Jason Remien gave the CAC an overview of the Site Environmental Report (SER). He said there is a lot of information contained in these 218 pages and encouraged everyone to read it when it is available.

He spoke about Chapter 2 Environmental Management System (EMS) – ISO 14001.

Member Israel said when RHIC was being built and going through upgrades, the engineers brought in used and recycled equipment. He asked if there are plans to do the same with the EIC.

Remien said yes, the Lab continues to do that.

Hewett said recently a large delivery from Argonne National Lab was received and those items are being installed. The national lab systems prides themselves in sharing equipment worldwide.

Member Schuhmann said Brookhaven is pumping a lot of groundwater. He asked if the Lab has thought of using that water for geothermal heating and cooling?

Remien said he doesn't know if that has been considered. The Lab does pump a lot of groundwater. The groundwater treatment systems are far away, but it can be looked into as an option. Thank you for that.

Remien spoke about:

Chapter 3 – Compliance status overview. Inspections and assessments,

Chapter 4 – Air quality (radiological and non-radiological)

Chapter 5 – Water quality (radiological monitoring and non-radiological monitoring)

Chapter 6 – Natural and Cultural Resources

Member Koropsak asked about the impact of beetles on the trees onsite.

Remien said it is devastating what is happening, not only onsite but also offsite, because of the Southern Pine Beetle. It is very difficult to mitigate. We have had very mild winters and need a cold winter to help kill them off. It is a safety hazard.

Remien gave some highlights of Chapter 7 - Groundwater Protection. He said Bill Dorsch will go over this chapter next month with the CAC.

Remien then spoke about Chapter 8 - Radiological Dose Assessment.

Member Pickerell asked for an explanation of expected vs unexpected waste generation talked about in Chapter 2.

Remien explained that it isn't expected vs. unexpected, but rather routine and non-routine waste. Routine waste is from normal day to day operations. Non-routine is waste generated when there is, for example, a building demolition or lab cleanout or something similar. That number can jump up and down depending on what happens that particular year.

Member Israel asked why Chapter 9 - Quality assurance wasn't covered.

Remien said Chapter 9 makes sure the samples we collect are representative and the data is of high quality and usable. It goes over the procedures the Lab follows. The Lab can have someone come in and present it to you if you would like. That chapter makes the Lab feel comfortable reporting on the data in the other chapters.

6. Agenda setting

David Manning said the Lab plans to have John Hill give the science presentation at the October CAC meeting. Hill is the Lab's new Deputy Director for Science and Technology. He said if you have any requests, please send them in to the Lab.

Remien said next month Bill Dorsch will present on the groundwater protection program and status report section of the SER. He then said the Lab is working on an Environmental Assessment (EA) for the Clinical Alpha Radionuclide Producer (CARP). Since the Lab always presents EAs in draft form to the CAC so there is an opportunity for comment, the plan is to present on that in November.

Member Sprintzen asked for a follow-up presentation on the new detector.

Manning said that's a great idea and perhaps we can have a visit.

Member Sapp asked for a slide on the great things the Lab is doing with the community.

Member Blumer said at the last meeting, plastic eating bacteria was mentioned. She asked if anything is happening at the Lab with that.

Manning said the Lab is not currently working on that topic.

Hodgin asked for suggestions on how these hybrid meetings can be done better.

Member Schuhmann said the in-person audience can't see the virtual audience. He asked if there is a way to improve the graphics. He said he doesn't know if that is fixable, but it is hard to see their faces.

Hodgin said we will see what can be done.

7. Community Comment

There was no community comment.

Meeting adjourned at 8:58PM

Next meeting: October 12, 2023

				Jan No mtg	Feb No mtg	Mar	Apr	May	June No mtg	July No mtg	Aug No mtg	Sep	Oct	Nov	Dec
X = Present	2023	Affiliation	First Name	Last Name											
		ABCO – Civic	Member	Ray	Keenan		X	X	X			X			
			Alternate	Michael	Madigan		X		X						
		Brookhaven Coalition of Chambers of Commerce – Business & Labor	Member	Ron	Trotta		X								
			Alternate	Carmine	Inserra			X							
		Brookhaven Retired Employees Association- BNL Affiliation	Member	Mark	Israel		X	X	X			X			
			Alternate	Eena-Mai	Franz										
		Brookhaven Village Association – Civic	Member	Reinhardt	Schuhmann			X	X			X			
			Alternate	Chris	Ciervo										
		Citizens Campaign for the Environment – Advocacy & Environment	Member	Adrienne	Esposito		X	X	X						
			Alternate	Maureen	Dolan-Murphy										
		Colonial Woods Whispering Pines – Civic	Member	Jane	Koropsak		X	X	X			X			
			Alternate												
		Cornell Cooperative Extension – Health based	Member	Chris	Pickerell				X			X			
			Alternate	Lorne	Brousseau										
		Diversity, Equity, and Inclusion – BNL Affiliation	Member	Noel	Blackburn										
			Alternate	Menzel	Smith-Jones										
		East Yaphank Civic Association - Civic	Member	Robert	Feinman		X	X	X			X			
			Alternate	Laura	Reid										
		Emeritus	Member	David	Sprintzen			X	X			X			
		FOREST - Advocacy & Environment	Member	John	Pavacic		X	X	X			X			
			Alternate												
		Foundation for Economic Education – Education, Science & Technology	Member	Bruce	Martin			X	X						
			Alternate	Craig	Pratka		X	X							
		Gordon Heights Civic Assoc. - Civic	Member				X	X	X						
			Alternate												
		Individual	Member	James	Freeman							X			
		Individual	Member	Jane	Corrarino		X	X				X			
		Individual	Member	Karen	Blumer		X		X			X			
			Alternate	Michael	Madigan										
		L.I. Pine Barrens Society – Advocacy & Environment	Member	Richard	Amper										
			Alternate	Andrew	Wong		X	X	X			X			
		Longwood Central School Dist. – Education, Science & Technology	Member	Tracy	Adams										

X = Present	2023	Affiliation		First Name	Last Name	Jan No mtg	Feb No mtg	Mar	Apr	May	June No mtg	July No mtg	Aug No mtg	Sep	Oct	Nov	Dec
			Alternate	Paul	Infranco												
		Middle Island Civic Association – Civic	Member	Martin	Filler			X	X	X							
			Alternate	Margaret	Malloy												
		National Grid – Business & Labor	Member	Brian	Sapp					X				X			
			Alternate														
		New York League of Conservation Voters – Advocacy & Environment	Member	Casey	Petrashek					X							
			Alternate														
		NSLS-II User Committee – BNL Affiliation	Member	Jean	Jordan-Sweet			X	X								
			Alternate	Matthew	Whitaker			X	X	X							
		Ridge Civic Association – Civic	Member	Scott	Wood					X				X			
			Alternate	Ken	Casanova												
		Stony Brook Hospital – Health based	Member	Erika	Karp					X				X			
			Alternate														
		Suffolk County Legislature 1st Dist. – Government	Member	Al	Krupski			X		X							
			Alternate	Gwynn	Schroeder			X									
		Teachers Federal Credit Union – Business & Labor	Member	Sandra	Santos-Keel			X	X	X							
			Alternate	Sandra	Young												
		Town of Brookhaven – Government	Member	Dan	Panico			X									
			Alternate	Patricia	Kaloski			X									
		Town of Riverhead - Government	Member	Bob	Kern			X	X								
			Alternate	Frank	Mancini					X							
		Wading River Civic Association - Civic	Member	Henry	Perez			X	X	X							
			Alternate	Linda	Rundlett												