

**Community Advisory Council  
November 14, 2019  
Action Items/Notes**

*Final*

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Laboratory and Environmental Updates
5. Natural and Cultural Resources Update
6. Agenda Setting
7. Superconducting Magnet Division Update
8. Community Comment

**1. Attendance**

Members/Alternates Present: See Attached Sheets.

Others Present: K. Amm, J. Anderson, K. Casanova, P. Genzer, D. Gibbs, T. Green, R. Hodgkin, A. Juchatz, R. McKay, A. Ozelis, A. Rapiejko, J. Remien, N. Sundin, J. Wanless

**2. Correspondence and Handouts**

Items numbered one and two were e-mailed to Members on November 7, 2019. Items numbered three through five were available as handouts at the meeting.

1. Draft agenda for November 14, 2019 meeting
2. Draft notes from the October 10, 2019 meeting
3. Copy of presentation: Natural and Cultural Resources Update
4. Copy of presentation: Superconducting Magnet Division Update
5. Copy of article from 2000 on the BGRR that Member Doroski asked to be distributed

**3. Administrative Items**

The meeting was called to order at 6:34 p.m. Reed Hodgkin, facilitator, welcomed everyone to the meeting. He reviewed the ground rules and draft agenda and those present introduced themselves. Hodgkin advised the CAC that copies were available on the table of the article on the BGRR (Brookhaven Graphite Research Reactor) from 2000 that Member Doroski wanted to share with them. The Lab will be presenting information on the removal of the Stack and details of any radionuclides in the Stack and the risks associated with that at an upcoming CAC meeting.

The October notes were not reviewed and approved because quorum was not met.

**4. Laboratory and Environmental Updates**

Member Keenan asked if there were any updates on per- and polyfluoroalkyl substances (PFAS).

Jason Remien said the 60-day public comment period on the status of drinking water standards proposed by NYS for PFAS has been closed. He said the NYS drinking water council overall received 2700 comments. Most of the comments were about the ability to design, construct and permit a treatment system for 1,4 Dioxane in a short time frame. He said drinking water standards might be available in early 2020.

Remien then said, since September, one additional private off-site well was sampled, which was non-detect.

Andy Rapiejko said the SCDOH is preparing for another mailing to reach out to those homeowners that did not reply last time.

## **5. Natural and Cultural Resources Update, Tim Green – Environmental Compliance Manager**

Tim Green spoke about deer management and prescribed fires. He said there were no deer management efforts in 2018, there was one successful prescribed fire in 2018.

Green said Cs-137 in deer had similar results as past years. The highest value in 2018 from deer carcasses sampled on and near the Lab site was 2.29 pCi/g wet weight in a deer found offsite on Route 25. The highest on-site value was 2.19 pCi/g, wet weight.

Member Keenan asked if there is a safe level of Cs-137 in deer.

Green said NYSDOH has determined that to be less than 6.9 pCi/g.

Hodgin asked how you can confirm that the 2.29 pCi/g Cs-137 found in the deer offsite, did not come from the Lab.

Green said you can't, but deer usually stay within one square mile. There are more details available in the Site Environmental Report.

Member Krupski asked if testing was done further off-site to make a comparison.

Green said we test to about five miles off-site.

Green said the Peconic River was dry most of the year so there was no fish monitoring.

He said grassy vegetation and soils had similar results as past years.

Precipitation monitoring showed low-level mercury, the highest value was 8.59 ng/L. He said mercury in precipitation is higher than what is typically found in the Sewage Treatment Plant effluent.

He then spoke about several wildlife monitoring programs, including the eastern box turtles, small mammals and ticks, coyote, deer exclosure surveys, the 4-Poster altered feeding schedule surveys and pollinator studies.

Member Krupski asked how effective the 4-Posters are.

Green said we are focused in the area where most people work. We are in year seven of this program and we have had an 84 percent reduction in the tick population.

Member Ziems asked about problems with turkeys on-site.

Green said we don't have any real issues with turkey.

Member Heil asked if box turtles go into the Long Island Solar Farm enclosure.

Green said when the solar farm was constructed, it changed their habitat. We found that they do tend to avoid the area, but they go inside the enclosure for nesting.

He said there are four on-site apartments that are eligible for listing in the National Register as a good example of mid-century modern architecture. It was recommended that the Lab save a portion of one of the buildings. Cement roads from WW I Camp Upton were evaluated for historical significance but were found to be ineligible because the year they were installed could not be confirmed. More buildings are being considered.

Member Madigan asked if Camp Upton memorabilia will be on display at the Long Island Museum in Stony Brook.

Green said yes, from April to August, then it will all go back into storage. We hope to find a place to display the items on a more permanent basis at Discovery Park.

He said, about 250 deer were taken during the April 2019 deer cull. The meat was sampled and donated because there were no findings above .20 pCi/g Cs-137 wet weight. The average was .06 pCi/g wet weight.

He said the Wildland Fire Management plan and prescriptions are all written and in place. We are continuing to work with the NYSDEC or Central Pine Barrens Commission to establish a Memorandum Of Understanding.

## **6. Agenda Setting**

Peter Genzer, Deputy Director for the Stakeholder and Community Relations office said, we will be taking a three month break and will resume CAC meetings on March 12, 2020. At that time, we are planning a presentation on the Stack and an update on emerging contaminants of concern in groundwater. If something else comes up before then, we will let you know.

Member Martin asked if there are any anticipated significant developments at Discovery Park during the CAC's three-month hiatus

Jack Anderson said they do not expect any major changes at Discovery Park during the next three months. He said maybe in the Springtime there will be some updates to discuss.

Member Doroski said he will be having his author talk for his second book at the Riverhead library this Saturday at 11:00.

Member Chattaway informed the CAC that his job will be transferring to Florida so this will be his last CAC meeting. He said his replacement, Ken Casanova, will be taking over for him at the March meeting.

The CAC thanked him for his years of service.

## **7. Superconducting Magnet Division Update, Kathleen Amm – Division Head, Superconducting Magnet Division**

Kathleen Amm joined BNL in October of 2018 after 20 years at GE Global Research. She gave the CAC an overview of accelerators and spoke about RHIC and the LHC. She then spoke

about the Superconducting Magnet Division's mission and vision. She talked about current projects and future opportunities.

## **8. Community Comment**

There was no community comment.

The meeting adjourned at 8:39 PM

Next meeting: March 14, 2020

				Jan	Feb	Mar No mtg.	Apr	May	June	July No mtg.	Aug No mtg.	Sep	Oct	Nov	Dec
<b>P = Present</b>	<b>2019</b>	<b>Affiliation</b>	<b>First Name</b>	<b>Last Name</b>											
		<b>ABCO – Civic</b> (Garber - 04/02) (Bevington – 6/14) (Keenan-10/14)	Member	Ray	Keenan	P	P		P	P			P	P	P
		(Madigan -10/10)	Alternate	Michael	Madigan										
		<b>American Physical Society – Business &amp; Labor</b>	Member	Reinhart	Schuhmann		P		P	P		P		P	
		(Schuhmann 1/14, member 9/15)	Alternate	Donavan	Hall	P									
		<b>Brookhaven Coalition of Chambers of Commerce – Bus &amp; Labor</b> (added 6/15)	Member	Ron	Trotta	P			P	P				P	
		<b>Brookhaven Retired Employees Association- BNL</b> (Peskin - 09/09)(Franz 1/17)	Member	Mark	Israel	P	P		P	P					P
		(Franz - 12/09)(Israel 1/17)	Alternate	Eena-Mai	Franz	P			P	P			P		
		(Shapiro-1/13)	Alternate	Steve	Shapiro									P	
		<b>Citizens Campaign for the Environment – Advocacy &amp; Environment</b>	Member	Adrienne	Esposito	P	P		P	P			P		
		(Somma 11/16)	Alternate												
		<b>Colonial Woods Whispering Pines – Civic</b> (Birben - 06/09) (O'Neal 01/15, removed 10/15)	Member												
		(Rehbein -11/10)	Alternate	Eric	Rehbein										
		<b>Coram Civic Association</b> (Ziems - 06/12)	Member	Paul	Ziems	P	P		P	P		P	P	P	
		(Meade – 06/12, Jim M 10/12, Turk 1/16)	Alternate	Rosa	Turk	P	P		P	P		P		P	
		<b>East Yaphank Civic Association</b> (Feinman 06/19)	Member	Robert	Feinman		P		P						
		(Feinman - 02/09 – 11/15)(Mack 11/15)	Alternate	Catherine	Mack				P	P				P	
		(Feinman 05/19)(Giacomaro 06/19)	Alternate	Michael	Giacomaro										
		<b>Emeritus</b> (changed 3/8/12)	Member	Jean	Mannhaupt										
		<b>Foundation for Economic Education – Ed, Sci, &amp; Tech</b> (5/14)(Martin – 10/14)	Member	Bruce	Martin				P	P		P	P	P	
		(Pratka – 10/14)	Alternate	Craig	Pratka	P	P		P						
		<b>Friends of Brookhaven- BNL</b> (Kaplan 07/01–11/15)(Bowerman 11/15)	Member	Biays	Bowerman	P	P			P		P	P		
		(Schwartz - 11/02) (Ocko added 11/15)	Alternate	Steve	Schwartz				P						
			Alternate2	Ben	Ocko										
		<b>Huntington Breast Cancer Coalition – Health-Based Rep</b>	Member	Mary Joan	Shea										
			Alternate	Scott	Carlin										
		<b>Individual</b>	Member	Jane	Corrarino	P									
		<b>Individual</b>	Member	Karen	Blumer					P					
		<b>Individual</b>	Alternate	Michael	Madigan		P		P	P		P		P	
		<b>L.I. Pine Barrens Society – Advoc &amp; Env</b>	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)	Alternate	Ryan	Wolf	P	P		P	P					

				Jan	Feb	Mar No mtg.	Apr	May	June	July No mtg.	Aug No mtg.	Sep	Oct	Nov	Dec
<b>P = Present</b>	<b>2019</b>	<b>Affiliation</b>	<b>First Name</b>	<b>Last Name</b>											
		<b>L.I. Progressive Coalition – Advoc &amp; Env</b>	Member	David	Sprintzen	P	P		P			P	P	P	
			Alternate												
		<b>Lake Panamoka Civic Association (Biss - 04/02)(Staddon 10/17)</b>	Member	Richard	Staddon	P	P		P				P		
		(Grandal - 10/10)	Alternate	Bonita	Grandal										
		<b>Longwood Central School Dist. – Ed, Sci, &amp; Tech (Castro -06/09)(Adams 9/15)</b>	Member	Tracy	Adams										
		(Gerstenlauer removed & Sterne added 5/14 removed 9/15)(Infranco1/17)	Alternate	Paul	Infranco										
		<b>Mastic Park Civic Association (Sicignano – 6/12)</b>	Member	John	Sicignano	P			P	P				P	
			Alternate	Clara	McManus				P						
			Alternate	Joe	May										
		<b>Middle Island Civic Association (Filler 2/17)</b>	Member	Martin	Filler	P	P		P	P		P			P
		(Nowak 01/15 – 5/15)(Malloy 9/15)	Alternate	Margaret	Malloy										
		<b>NSLS-II User Committee – BNL</b>	Member	Jean	Jordan-Sweet	P	P		P	P		P	P		
		(Ravel -02/11-9/15)(Bohon added 11/15)(Bohon removed)	Alternate												
		<b>Ridge Civic Association (Henagan removed 9/15)(Chattaway added 10/15)(Casanova added 11/19)</b>	Member	Ken	Casanova	P			P	P		P	P	P	
		<b>Suffolk County Legislature 1<sup>st</sup> Dist. - Government (added 6/15)</b>	Member	Al	Krupski				P	P		P	P	P	
			Alternate	John	Stype		P								
		<b>Teachers Federal Credit Union – Bus &amp; Labor (Murdocco 3/15) (Stafford 1/18)</b>	Member	Christine	Stafford	P				P		P	P		
			Alternate												
		<del><b>Town of Brookhaven (Graves – 06/06) (removed 1/2015)</b></del>	Member												
			Alternate												
		<b>Town of Brookhaven, Senior Citizens Office - Government</b>	Member	James	Heil	P				P					P
			Alternate												
		<b>Town of Riverhead - Government (Doroski - 04/11)</b>	Member	Isidore	Doroski		P		P		P		P	P	P
		(Hulme - 04/11 - 4/14)(Janis Rottkamp 04/16)	Alternate	Janis	Rottkamp										
		<b>Wading River Civic Association (Rundlett 09/16)(Kneitel 02/17)(Perez 06/19)</b>	Member	Henry	Perez					P		P			P
		(Bail and Guthy removed 11/2016)	Alternate	Linda	Rundlett				P	P	P				