

**Community Advisory Council
November 8, 2018
Action Items/Notes**

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Demolition and Removal of the Stack
5. Agenda Setting
6. 2017 Site Environmental Report
7. Community Comment

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: J. Anderson, D. Bauer, C. Bruno, J. Carter, B. Dorsch, D. Feldman, P. Genzer, D. Gibbs, R. Gordon, J. Granzen, T. Green, R. Howe, G. Mattson, R. McKay, A. Ozelis, D. Paquette, J. Remien, J. Sattler, N. Sundin

2. Correspondence and Handouts

Items numbered one and two were e-mailed to Members on November 1, 2018. Items numbered three through six were available as handouts at the meeting.

1. Draft agenda for November 8, 2018
2. Draft notes from the October 11, 2018 meeting
3. Copy of presentation: Demolition and Removal of the Stack
4. Copy of presentation: 2017 Site Environmental Report
5. Copy of 2017 Site Environmental Report
6. Copy of flyer for PubSci event

3. Administrative Items

The meeting was called to order at 6:31 PM. Michael White, facilitator, welcomed everyone to the meeting. He reviewed the ground rules and draft agenda and those present introduced themselves.

Member Esposito said she had asked at the previous meeting to have a discussion on the letter requesting the Lab test the additional 97 homes South of the Lab for Per- and Polyfluoroalkyl Substances (PFAS) added to this month's agenda. She is now requesting it be added after the High Flux Beam Reactor (HFBR) Stack presentation since quorum has not yet been met.

Michael White, facilitator, said those types of discussions are usually held at the end of the meeting.

Member Esposito said by the end of the meeting, some people might have left. Can we address it once we have quorum?

White said we can proceed and see if quorum develops.

Approval of Minutes

The October notes were approved as written with none opposed and two abstentions. After the notes were approved, Member Esposito asked to make a correction to her comment regarding Teflon tape. She will send her revised comment to Robyn McKay and the notes will be amended to reflect it.

Member Esposito asked to have the discussion on the letter she composed to the Laboratory regarding the testing of private wells South of the Lab added to the agenda. There was a motion to add the topic to the agenda, which was approved.

Member Esposito read the letter out loud and asked for CAC input. She said last month, pictures were shown where firefighting foam was used at the Laboratory. The concern is that this firefighting foam containing PFAS was used so freely before the impact was realized. She said she attended the New York State drinking water task force meeting and they are working on coming up with a drinking water standard for these chemicals. There are 97 properties off site that may be impacted. We don't know if they have private wells, but the CAC is asking that the Lab find out, and if so, test those private wells for PFAS.

White asked if Members would like any other information.

Member Ziems asked if this is something Suffolk County Water Authority should be doing.

Member Esposito said the water authority is not testing private wells for this. They will test municipal drinking water wells, but not private wells. We are asking, if there are private wells in the 97-property parcels, that they be tested. No one is required to test those private wells unless there is a responsible party. We don't know if the Lab is a responsible party, but we are saying let's take a look.

Doug Feldman, Suffolk County Department of Health Services (SCDHS), said his office would take the samples, but we need someone else's lab to do the testing.

Member Sprintzen said he thinks it is fantastic what Member Esposito has done. However, he does not feel it is the Lab's responsibility to do the testing and he said therefore, his organization cannot sign the letter.

Member Esposito said Feldman, and his staff looked at the flow timeline and those are the areas that could have been impacted if the contamination potentially came from the Lab.

Member Corrarino said she agrees with Member Esposito. It is prudent for the Lab to do this. The reason the Lab got into conflict with the community to begin with was because it was not being transparent. We can't jump to the end and say the Lab is responsible, but we need to address it. The way we have defined consensus is; we don't all have to be enamored with the idea, but it has to be a decision we can all live with.

Member Ziems said I agree with Member Sprintzen. We can send the letter and then leave it up to the Lab. They can turn down our request.

Member Bowerman said we are going in a big hurry and I am concerned about the financial impact of testing 97 wells. There are lot of chemicals. If the Lab considers it, you are setting them up with the appearance of culpability. We shouldn't send the letter yet.

Member Esposito said it is not a lot of chemicals, and it's not 97 wells. We don't know how many. The Lab has broad shoulders, I am not worried about protecting the Lab. They need to protect us. We were formed as a watchdog entity. If the Lab doesn't do it now and they find out later, the Lab will be in worse shape.

Doug Feldman said it is one analysis which would be sampling for six compounds.

Member Sicignano said he feels we should err on the side of safety for the people. We don't know if it is from the Lab, but people should be protected.

Member Keenan said thank you Member Corrarino and Esposito for the reminder as to why we are here. When the community finds out this contamination is here and you're not testing their wells, they won't be happy.

White said we will go around the room to see if there is consensus. I want to be clear about what you are asking for.

Member Esposito said the CAC members are asking BNL to work with SCDHS to test all 97 properties South of the Lab that are not connected to public water.

Member Ziems said I am not clear. We don't want BNL sending out trucks to go into these neighborhoods and testing these wells. The airport south of us has similar contamination, perhaps it's not BNL at all.

Member Esposito said it would be Suffolk County Department of Health Services (SCDHS) that would take the samples and then work in collaboration with BNL to have their lab do the analysis.

Member Giacomaro said these 97 property owners were given the opportunity and chose not to take part in the testing years ago. I can see giving the option to those that have changed ownership.

Member Corrarino said there may be people still using private wells even though they are hooked up to SC Water. We need to be concerned about those people. The Lab needs to communicate this information to the public.

Member Krupski said this is the same debate that is happening next Tuesday. It's unfair to blame the Lab. You need to test to find out and then look for solutions.

White said we will conduct a straw poll. All those in favor – 12, opposed - none, abstain - 2. The CAC will work with Sundin to fix the typos and finalize the letter.

Sundin said the letter will be sent to Laboratory Director Doon Gibbs, the CAC, and elected officials.

Gibbs said thank you for your comments and discussion. We will take this recommendation seriously. The Lab wants to remain transparent and will work with DOE to find out what we can do.

Bob Gordon said we can work together.

4. Demolition and Removal of the Stack - John Sattler, Office of Environmental Management

John Sattler said the final Record of Decision (ROD) for the High Flux Beam Reactor (HFBR) includes all HFBR remedial actions be completed by the end of Fiscal year 2020. Everything has been completed except the removal of the HFBR stack and reactor core. He said the stack is 100 meters tall and made of reinforced concrete. It was constructed in the late 1940s to provide cooling air for the Brookhaven Graphite Research Reactor (BGRR). It has been out of service since 1996 and is no longer needed. Several demolition and decontamination techniques have been considered. Field work is expected to begin in the spring of 2019.

Member Esposito asked for an explanation of the method called scabbling.

Sattler said that is the removal of a layer of concrete. We are open to all options. Control of dust is a major consideration.

Member Krupski asked why it has to be taken down and where will the scrap be taken.

Sattler said there is no imminent danger of the stack falling down, but the ROD requires it be brought down.

Member Esposito said the CAC was part of the recommendation to bring it down.

Sattler said there are several disposal facilities that we ship it to.

Member Krupski asked if that is why the cost is so high.

Sattler said transportation disposal adds to the cost as well as the method used to bring it down because of contamination.

Member Rottkamp asked if the building could be repurposed.

Sattler said the decision has already been made to take it down.

5. Agenda Setting

Nora Sundin, liaison to the CAC, said next month, there will be a presentation on Natural & Cultural Resources and either a presentation on Solar energy or Biofuels. January, there will be a presentation on Groundwater protection.

6. 2017 Site Environmental Report – Jason Remien, Manager - Environmental Protection Division

Remien explained the purpose of the annual Site Environmental Report and said it is required by DOE and is an official record of BNL's environmental impacts. It serves as the principal environmental communications vehicle and is available as a downloadable file and in hardcopy.

He spoke about the Environmental Management System, Pollution Prevention Program, and Waste Generation. He said there were 21 spills in 2017, but none were ORPS reportable. He spoke about Water and Air quality monitoring, inspections and assessments, and radiological dose assessment.

7. Community Comment

There was no community comment.

White announced to the CAC that he will be leaving his position as facilitator shortly. He said he is proud to have had this opportunity, but there has been a change in his daytime job which

requires him to travel more frequently. He said he will stay on until a replacement is found. He said if any CAC members have a suggestion for his replacement, please let the Lab know.

The meeting adjourned at 8:59 PM.

Next meeting: December 13, 2018

CAC Agenda Setting Exercise – March 8, 2018

TOPICS

Solar Research/BNL Solar Farm	14	
BNL Expenditures, Priorities, Function	10	(June 2018)
BNL Business Connectivity – Doing business with BNL	10	(June 2018)
Energy Production Innovation (open to public forum at BNL)	9	
Biofuels	9	
NYS Power Grid	8	
Medical Radioisotopes	5	
Brookhaven Women in Science (BWIS)	5	
Holographic Principles of Quantum Mechanics	4	
Research related to Cancer cures	4	
Top Ten Scientific Discoveries	4	
Update on Prion Research	3	

				Jan	Feb	Mar	Apr No mtg.	May	June	July No mtg.	Aug No mtg.	Sep No mtg.	Oct	Nov	Dec
P = Present	2018	Affiliation	First Name	Last Name											
		ABCO – Civic (Garber - 04/02) (Bevington – 6/14) (Keenan-10/14)	Member	Ray	Keenan			P	P				P	P	
		(Madigan -10/10)	Alternate	Michael	Madigan	P									
		American Physical Society – Business & Labor	Member	Reinhart	Schuhmann			P	P				P	P	
		(Schuhmann 1/14, member 9/15)	Alternate	Donavan	Hall	P									
		Brookhaven Coalition of Chambers of Commerce – Bus & Labor (added 6/15)	Member	Ron	Trotta				P						
		Brookhaven Retired Employees Association- BNL (Peskin - 09/09)(Franz 1/17)	Member	Eena-Mai	Franz	P	P	P		P	P			P	
		(Franz - 12/09)(Israel 1/17)	Alternate	Mark	Israel	P				P					P
		(Shapiro-1/13)	Alternate	Steve	Shapiro										
		Citizens Campaign for the Environment – Advocacy & Environment	Member	Adrienne	Esposito	P	P	P		P	P			P	P
		(Somma 11/16)	Alternate												
		Colonial Woods Whispering Pines – Civic (Birben - 06/09) (O’Neal 01/15, removed 10/15)	Member												
		(Rehbein -11/10)	Alternate	Eric	Rehbein										
		Coram Civic Association (Ziems - 06/12)	Member	Paul	Ziems	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
		East Yaphank Civic Association	Member	Michael	Giacomaro	P	P	P		P				P	P
		(Feinman - 02/09 – 11/15)(Mack 11/15)	Alternate	Catherine	Mack			P	P					P	
		Emeritus (changed 3/8/12)	Member	Jean	Mannhaupt										
		Foundation for Economic Education – Ed, Sci, & Tech (5/14)(Martin – 10/14)	Member	Bruce	Martin			P	P					P	
		(Pratka – 10/14)	Alternate	Craig	Pratka	P				P					P
		Friends of Brookhaven- BNL (Kaplan 07/01–11/15)(Bowerman 11/15)	Member	Biays	Bowerman	P		P		P	P			P	P
		(Schwartz - 11/02) (Ocko added 11/15)	Alternate	Steve	Schwartz			P		P					
			Alternate2	Ben	Ocko										
		Huntington Breast Cancer Coalition – Health-Based Rep	Member	Mary Joan	Shea			P							
			Alternate	Scott	Carlin										
		Individual	Member	Jane	Corrarino										P
		Individual	Member	Karen	Blumer					P					
		Individual	Alternate	Michael	Madigan			P	P		P			P	
		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)	Alternate	Katie	Muether	P		P		P					
		L.I. Progressive Coalition – Advoc & Env	Member	David	Sprintzen	P	P			P	P			P	P

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P = Present	2018	Affiliation	First Name	Last Name											
			Alternate												
		Lake Panamoka Civic Association (Biss - 04/02)(Staddon 10/17)	Member	Richard	Staddon				P					P	
		(Grandal - 10/10)	Alternate	Bonita	Grandal										
		Longwood Central School Dist. – Ed, Sci, & Tech (Castro -06/09)(Adams 9/15)	Member	Tracy	Adams										
		(Gerstenlauer removed & Sterne added 5/14 removed 9/15)(Infranco1/17)	Alternate	Paul	Infranco										
		Mastic Park Civic Association (Sicignano – 6/12)	Member	John	Sicignano		P	P		P			P	P	
			Alternate	Clara	McManus										
			Alternate	Joe	May										
		Middle Island Civic Association (Filler 2/17)	Member	Martin	Filler	P	P	P		P	P			P	P
		(Nowak 01/15 – 5/15)(Malloy 9/15)	Alternate	Margaret	Malloy										
		NSLS-II User Committee – BNL	Member	Jean	Jordan-Sweet	P	P	P		P	P				
		(Ravel -02/11-9/15)(Bohon added 11/15)	Alternate	Jen	Bohon									P	
		Ridge Civic Association (Henagan removed 9/15)(Chattaway added 10/15)	Member	Wesley	Chattaway	P	P			P	P			P	P
		Suffolk County Legislature 1st Dist. - Government (added 6/15)	Member	Al	Krupski			P		P					P
			Alternate	John	Stype	P								P	
		Teachers Federal Credit Union – Bus & Labor (Murdocco 3/15) (Stafford 1/18)	Member	Christine	Stafford	P	P			P	P				P
			Alternate												
		Town of Brookhaven (Graves – 06/06) (removed 1/2015)	Member												
			Alternate												
		Town of Brookhaven, Senior Citizens Office - Government	Member	James	Heil	P	P			P					
			Alternate												
		Town of Riverhead - Government (Doroski - 04/11)	Member	Isidore	Doroski	P		P			P			P	
		(Hulme - 04/11 - 4/14)(Janis Rottkamp 04/16)	Alternate	Janis	Rottkamp					P					P
		Wading River Civic Association (Rundlett 09/16)(Kneitel 02/17)	Member	Terri	Kneitel	P				P					
		(Bail and Guthy removed 11/2016)	Alternate	Linda	Rundlett			P							