

Community Advisory Council
May 12, 2011
Action Items/Notes

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Freon and Its Use at BNL
5. Freon-11 Update
6. Community Comment
7. Agenda Setting
8. New BNL Emergency Siren System

1. Attendance

Members/Alternates Present:
See Attached Sheets.

Others Present: M. Arens, L. Bates, S. Bogart, J. Carter, J. D'Ascoli, N. Detweiler, L. Garber, D. Gibbs, M. Holland, M. Lynch, L. Lyons, R. McKay, R. Ohlsen, D. Paquette, J. Sattler

2. Correspondence and Handouts

Items numbered one and two were mailed to Members with a cover letter dated May 5, 2011. Items numbered three through six were placed in the Members folders and items seven through eleven were available as handouts at the meeting.

1. Draft agenda for May 12, 2011
2. Draft notes for April 14, 2011
3. Copy of presentation – Freon and Its Use at BNL, Ed Murphy
4. Copy of presentation – Freon-11 Update, Doug Paquette
5. Copy of presentation – New BNL Emergency Siren System, Rich Ohlsen
6. Letter of congratulations to Legislator Sarah Anker
7. List of technical terms and definitions
8. List of Acronyms and Abbreviations
9. Copy of Newsday article – Nobel Prize recipients to speak at Brookhaven Lab
10. Copy of letter from Long Island Pine Barrens to Marge Lynch
11. Copy of CAC Draft Charter

3. Administrative Items

The meeting began at 6:37 p.m. Reed Hodgkin, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Nora Detweiler, liaison to the CAC, said a copy of the congratulatory letter that was mailed to Legislator Anker is included in member's folders. She said an orientation was held for new members on Monday, May 2, 2011. She also said that in response to several questions regarding terms, definitions, and acronyms, there are two packets with information available on

the table. Izzy Doroski has been appointed as a new member by the Town of Riverhead and Suzanne Hulme has been appointed as his alternate.

Member Heil asked if Ms. Anker resigned from the CAC.

Detweiler said she has not resigned. It was suggested that she serve on the Brookhaven Executive Roundtable (BER) instead, but she has not made a decision yet.

Member Giacomaro asked if she could send an alternate.

Detweiler said yes.

Member Guthy said a resident of Wading River said she heard that the Lab was hiring veterinarians to work with monkeys and asked if this were true and if anyone else had heard the same thing.

Detweiler said NASA withdrew its proposal to do research on squirrel monkeys and it has not been brought up again.

Member Guthy asked if there could be something else going on at the Lab that this could have been misconstrued.

Detweiler said not that she is aware of, but she will look into it.

Member Esposito said the CAC used to get notification when there was a BER meeting and asked why they no longer do.

Jeanne D'Ascoli, manager of Community Relations at BNL, said it was inadvertent and said if the CAC is still interested in receiving notification, John Carter, DOE, could put the interested members on his email list.

The CAC expressed interest.

D'Ascoli said we will notify you in the future.

Hodgin said a letter is being handed out that was sent from the Long Island Pine Barrens Society to Marge Lynch, Assistant Lab Director. He asked the CAC to review it and consider putting it on a future agenda, when Dick Amper is present, for discussion. The subject of the letter is the Meadows at Yaphank, a proposed development.

Member Henagan said he would like to see it on the agenda.

Hodgin said we can discuss it after you have the chance to read the letter.

Update on stack demolition:

John Sattler, Department of Energy (DOE), said that in January, DOE asked Brookhaven Science Associates (BSA) to take another look at the alternatives for the demolition of the stack by September 30, 2011. It is important to understand that originally it was thought that Recovery Act funds would be used. We now know that there won't be enough of that money, because of the demolition of the Brookhaven Graphite Research Reactor (BGRR). We thought we would have enough base funds that could be used. But as BSA began removing the external structure of the bioshield, they realized it was not constructed the way the drawings showed. There were a lot of anomalies. Removing the concrete was more difficult than anticipated and progress has been slow, which has increased costs. We have a set amount of money and there isn't enough to include the cost of taking down the stack. A decision was made that it was not practical to

demolish the stack this year. We will go back to the original plan, which is that the Record of Decision (ROD) requires that it be done by the year 2020. Other work associated with the stack is being completed now. We are removing the baffles and the silencer, which is where 90 percent of the radioactive contamination is, and the underground utilities have been removed. We will have a small amount of money to remove any additional contaminated soil around the Former Hazardous Waste Management Facility. The stack itself will go back on the original time frame.

Member Giacomaro suggested using the stack as a cell phone tower.

Sattler said that idea has not been thought of, but he will consider it. He will work with his colleagues and someone will come back with their thoughts.

Member Esposito said this is a good decision.

Member Hulme asked when the last 10 percent of the radioactive will be removed.

Sattler said the remainder is in the stack structure. It will come down with the stack by 2020.

Member Sprintzen asked about the nature of the radiation in the stack.

Sattler said there are 25 mCi in total, consisting of cesium, strontium, and tritium. Most of it is fixed.

ATSDR (Agency for Toxic Substances and Disease Registry) Report

John Carter, DOE, told the CAC that the ATSDR report is now final and will be available in the next two or three weeks. He said under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), each site on the National Priorities list has a Public Health Advisory conducted for it. The entire document is about 374 pages, and there are 55 pages devoted to responding to the comments made by the CAC. A web link will be sent to members as soon as it is available.

ACTION ITEM

Email link to ATSDR document to CAC as soon as it becomes available.

Hodgin said the comments made by the CAC five years ago will be emailed to you. He asked the CAC to review the report and next month at the meeting, make a decision whether you want to put this topic on the agenda at some point for further discussion. The Lab and DOE consider this to be a closed report and no further input is needed for their purposes. However, I'd like to know if the CAC would like to discuss it for your purposes.

ACTION ITEM

CAC to determine if ATSDR Report should be placed a future agenda.

D'Ascoli said the draft charter is being handed out tonight for the CAC to review. Because the CAC is evolving at this time and new members are joining, we thought this was a good time to finalize the charter. Reed was asked to try to reflect in the charter the process that the CAC has been using for the last 12 years. We would like you to review it and let us know how you would like to move forward.

Hodgin said this can be viewed as a set of guidelines. The intention is to draft something that reflects how you do business. I looked at all the charters and bylaws for all the other Citizen Advisory Boards in the DOE and DOD. I extracted things that seemed to be of importance to the success of other groups and I tried to fill the gaps. The idea is to codify what you do now with some other things that are appropriate to do and then move forward. This draft was developed

not to be directive, but to do some of the groundwork for you, so there is not so much for you to do as a group. Our request is that you craft whatever you want out of it. You can do this as a whole body or you can create a small subcommittee to work on it and bring it back to the CAC.

Member Esposito said she has been on every committee since the beginning of the CAC, so she will skip this one.

Member Sprintzen said we can look at it next month, there is no urgency. We can discuss it in June.

Reed said we will discuss in June how you would like to move forward as a group.

Member Garber said other Labs have FACA (Federal Advisory Committee Act). When we started, we wanted to be less formal. Other advisory committees are under strict guidelines by legislation. We simply advise the Lab Director.

Member Esposito said, so Member Garber is chairing the subcommittee?

Reed said he tried to include best practices. If this is overly restrictive, we can back off. It is up to you if you want to do it. We will discuss it next month. We would like to have a final document by the end of the summer.

D'Ascoli said new members always ask for it. We would like to have something to show them.

Member Giacomaro said there was an original written document about the formal organization, should we look at that to make a comparison.

Reed said the original draft charter was from 12 years ago.

Member Esposito said we rejected it then and I would reject it again.

Reed said we can email it to anyone interested. He asked if anyone wanted to see the official DOE Site Specific Advisory Board charter.

No one expressed interest.

Approval of Minutes:

Hodgin asked for corrections, additions, or deletions to the April 14, 2011 draft notes. Member Garber said that on page 3 his comment should read; the Freon plume that was discovered three years ago was "*thought to be*" from a buried container. The notes were approved as amended with none opposed and three abstentions.

4. Freon and Its Use at BNL, Ed Murphy, Energy & Utilities Division

Ed Murphy, chief engineer/manager, Energy and Utilities Division, gave the CAC an overview presentation on refrigerant use at BNL. He explained the refrigeration cycle, selection, and history. He spoke about refrigerants that are in use today at BNL and how they are handled and stored. He also said that BNL has a Refrigeration Management Plan and complies with the Clean Air Act regulations. BNL specifies use of environmentally-friendly refrigerants in all new facilities and equipment.

Member Rehbein asked if older units can be retrofitted to use less hazardous refrigerants and if so, is the Lab doing that.

Murphy said that increases energy consumption. The ideal situation is to keep the units tight, with no leaks.

Member Chaudhry asked what the new refrigerants are that have replaced those that are being phased out.

Murphy said R123 and R134 for large chillers. Manufacturers are developing new refrigerants.

Member Talbot asked if there is a SPDES permit for refrigerants and if the losses are reportable.

Murphy said there is no permit; our regulations are in the Refrigeration Management Plan.

George Goode, Assistant Laboratory Director for Environment, Safety & Health, said it would be reportable if there were a large loss.

5. Freon-11 Update, Douglas Paquette, Groundwater Protection Group

Douglas Paquette, Groundwater Protection Group, said 10 temporary wells have been installed around the area of the where Freon-11 was detected. There was nothing detected up-gradient, but the first three down-gradient wells have detected contamination. Freon-11 extends from the water table to 20 feet below and the plume is 45 feet long. We will have more information next week. We are trying to identify the source.

Member Giacomaro asked if Freon is heavier than water and if it attaches to anything.

Paquette said yes it is heavier; the concentrations are 10 feet below the water table. It does not, however, attach to the soil. Once we pinpoint where the release occurred, we will do soil sampling.

Member Giacomaro asked if clay would stop it.

Paquette said it would, but we don't see clay in this area.

Member Esposito said it would stop the downward migration, but not lateral.

Member Garber said evaporation takes place, so I think this must be a recent spill. Do you know when it occurred?

Paquette said we guess two or three years ago. There may have been some boil off in the storage containers in the summer.

Member Chaudhry asked why there are a lot of monitoring wells, but only one remediation well.

Paquette said the wells are for PCE contamination. There are more wells located further south. We hope to use them to remediate this Freon.

Member Chaudhry asked how you decide where to put the monitoring wells.

Paquette said they were installed over a number of years. We might see a data gap and install an additional well. The new ones go east to west of the potential source area. If we want to characterize a new plume, first we put in a lot of temporary wells and then we put in permanent wells where needed.

Member Rehbein asked why they aren't put east and west of the suspected source to establish the outside of the plume.

Paquette said we will do that once we have a better idea of where the source is.

Reed asked if the CAC would like another update in June.

6. Community Comment

Bob Feinman asked if all the presentations and handouts could be made available online so there would be less paper waste.

Detweiler said they are available online after the meetings. We print them out for you so you have them to look at during the presentations.

Member Ravel asked how Freon would be cleaned up. Is the purpose of these monitoring wells to see if the concentrations require cleanup?

Paquette said there are several ways. There are EPA guidelines for evaluating what needs to be done. Some would be monitored for natural attenuation. Some plumes degrade themselves. If the concentrations are higher, we will do active remediation. We are still in the investigation phase. Next, we will go into the design phase with regulatory input.

7. Agenda Setting

Hodgin said we would like to put a discussion on the letter from LIPBS (Long Island Pine Barrens Society) on the agenda. We do not want to have the discussion this evening because Member Amper would like to be present. Lanny Bates, Assistant Laboratory Director for Facilities and Operations, gave the CAC background information on the events that occurred prompting the letter.

Lanny Bates reported that the Lab has been having some dialogue with AVR (the developer of the proposed project southwest of the Laboratory) relative to sustainability in their development. It is not uncommon for the Laboratory to be visited by developers and architectural engineers who are interested in initiating a dialogue with us. They are usually interested in getting us engaged in some aspect of what they are doing. Most of those don't lead anywhere, but a year ago they came to us and described to us a situation where for many years they have been developing areas like this potential "Meadows at Yaphank" the same way with the same old systems and results. They were interested in looking at what is the leading edge of sustainable development, how do they make this a completely sustainable community, and how do they better manage the water releases from the facility and manage surface water and those type of things. They looked to us for advice or direction as to where they might get this type of information so they can improve the way they develop these kinds of areas. We talked and finally decided that although we were interested, this was not a skill set that we had at the moment but we knew where it was, so we gave them a referral to Syracuse University, which is the State Center of Excellence for this kind of thing. As a result, they are interacting with Syracuse, developing a good relationship and getting good information from them as they move forward on proposing their development. This proposal is currently under review with the Town of Brookhaven for the Environmental Impact Statement process that was discussed earlier this week. That is the extent of the involvement that we have with them at the moment. In my role as the owner of the infrastructure here, we are engaged in infrastructure planning and typically that means that we are developing a Master Plan for the Laboratory that looks at the direction we are headed in the future. That is driven by where the future of science is. As you know from presentations that you have heard, we are broadening our agenda and looking at improving our science facilities. This has caused us to look at some changes in our Master Plan for the future. This is not to change the physical footprint of anything we are doing, but some of the facilities and their focus changes a little bit. We have about \$70M in renovation work in existing buildings that is underway. In addition to the Light Source II, we have the Interdisciplinary Science Building (ISB), which is a \$66M facility that is currently under construction. One thing that has happened as a result of that is that as we renovate buildings, we have to move people out while we renovate and then move them back in. We have a limited amount of administrative and

office space, as we work through that process. We are working with a small business that has a property on the south side of the LIE, near the Industrial park. We are close to finalizing that lease. This is a temporary lease for two or three years which will enable us to get through this renovation work and then move those people back onsite. As we have gone through this, it has become visible to the community.

As we look at where we are going in science, we will need to do more of those renovations. I am sure you are aware of the difficult financial situation. We are not looking at other new projects for another five or six years beyond those that are currently underway. As we look at our strategy for the site, we still have needs to get out of these old WWII office buildings. We don't anticipate that we will get program money to do that in the near future, so we are looking at other options. The small lease that we are in the process of doing was done as a competitive bid. No one was precluded from bidding on it. If we were to look at an offsite lease for future space, it would be a competitive process and the competitors at Yaphank would be in a convenient location which would be used to compete on. Beyond that we are not engaged with them directly, or encouraging their development. They are working directly through the Town of Brookhaven. If it comes to completion and is approved, it could become one of the options that we would look at.

Housing is another interesting area. It is true; we have done a lot of work over the last year or so as part of our Master Plan relative to housing. We recognize that we can't continue to operate the way we are. Our housing is all WWII barracks buildings. They have limited lifetime left. We have started a conscious effort to manage those facilities. We have taken one dormitory, three apartment buildings, and a large number of cottages offline this year. Those cottages are slated for demolition as a part of the trade off space for the ISB. We have to tear down one square foot of space for every square foot that we build. Our occupancy rate is down to 50-60 percent, yet we operate this as a full cost recovery operation. There are no appropriated government funds that go into our housing operations. At 50-60 percent occupancy, you can't sustain an operation, so we are downsizing the inventory and that allows us to raise the occupancy rate. We are getting to the point where with the work we did last year, this year, and a little bit next year, we will have renovated all the remaining space. We are renewing a lot of the housing, but ultimately, it's going to have to be taken offline. So, as we look to the future, the opportunity to have housing close to us is a good thing. It's not something that we would engage in developing or buying, but having it here will enable new scientists to come to work at the Lab and have a convenient place to live. This would be not only hotel space, but also longer term accommodations close to the Lab. As it comes to fruition, this could be a good opportunity for us, but we have no relationship with AVR in terms of promoting this development.

Reed said we are not discussing this tonight, but do you want to put this topic on the agenda, and if so, when?

Member Esposito said there are two topics here. I don't recall an instance in the past where the Lab has gone to testify in support of a proposal for the Town Board. So is that something we can weigh in on? How do they make those determinations and how does that happen? The second topic is this particular proposal. There is a conceptual issue as well as a specific one.

Member Birben asked how this fits in with the purpose of the mission of the CAC. She requested that the Lab respond to the letter. She was at the Town Board meeting and said she didn't see this letter as factual.

Reed said the issue is how the Laboratory interacts with the community on issues like this specifically, and also is associated with the bigger process. Is this topic appropriate for the CAC to undertake? If you discuss it, you would like to see the Lab involved in the discussion as well.

Member Henagan said this impacts the surrounding community, so it is important to us. He expressed a great deal of concern regarding BNL representatives attending the Town Board meeting as he believed their presence could be perceived as support for the project. He asked why the Lab didn't reach out to the community impacted by this development to find out their opinion. Ridge Civic has fought this for over 30 years. We have tried to prevent this from happening more than once. We consider this to have a very negative impact.

Reed said he would like to prevent this from moving into the topic at this time and said he is hearing that the CAC would like to discuss this topic from the standpoint of the Lab's process for working with communities.

Member Peskin said he would like this to be an agenda item as soon as possible. If it hadn't been for Dick Amper's letter, he was going to raise the issue because he read about it in the newspaper. It is a current event and he didn't know anything about it. For that reason alone, it deserves preemptive priority.

Member Sprintzen said we should consider it.

Member Esposito said it is well within the purview of the CAC. Our primary driver originally was any activity by the Laboratory that would have potential environmental and community impacts. This definitely fits into the mandate and the mission established for the CAC.

Hodgin asked if anyone on the CAC feels this topic should not be taken up.

No one responded to the question.

Hodgin then told the Laboratory managers present that the members of the CAC would like to have this discussion and engage you in it; he asked if that was okay with them.

They responded it was.

Hodgin said the topic, "The Laboratory's process for engaging in discussions and supporting projects in the community", will be an agenda topic.

All agreed.

Member Murdocco said another issue is the Lab's driver and motivation in supporting the AVR proposal. The housing inventory itself must be explored in the process that the Lab decides we need X amount of units by the X years. That should be added on along with everything else.

Member Sprintzen said this is both a procedural and substantive question.

Member Guthy asked how everyone would feel if the Lab stayed out of it and it got permission to be built. Would they say the Lab could not use it?

Hodgin said we can hold that question for the discussion period. Right now, we are just getting the topic on the agenda. On the topic of housing, the way we have dealt with it in the past is through presentations and discussion on the site's Master Plan. A presentation on the Master Plan will be brought to you in September.

Member Jordan-Sweet said housing is a big part of this and as Users of facilities, I think there is going to be a big housing crunch when NSLS II is operational and I think the Lab really needs to address it.

Hodgin said we will put the topic of the Laboratory's process for engaging with community on topics like this and the substantive issue of this particular development on the agenda for next month. Then in September, we will work with Lanny Bates or others to look at the Master Plan and understand the site's projected needs and plans for dealing with those needs in the future for housing.

Member Sprintzen asked what impact this will have on the rest of the agenda. The June agenda is quite heavy and we are not meeting in July and August.

Hodgin said putting it on the June agenda is tentative. You will decide after you hear what else is planned for June.

Detweiler said we have a full agenda for June and September. Next month, we were planning on bringing you the Annual Groundwater Report and the recommendations from the Five-Year Review for groundwater. We also thought we would also give some historical background for the new members. Then in September, we would give the Five-Year Review on the Peconic. We would continue with each aspect of the Five-Year Review giving one presentation each month. We will include where we have been, what we have done, and where we are at.

Member Sprintzen asked what the time frame is and what constraints there are. I am willing to stay late if necessary.

Detweiler said the discussion on the charter was on the list for the agenda for next month, a discussion on "The Meadows", the Groundwater Report and Five-Year Review on the groundwater section. You also had expressed great interest in a presentation on Homeland Security, but that can be rescheduled.

Member Sprintzen said there is no time pressure on the charter discussion.

Member Esposito said the charter; The Meadows, the Groundwater Report and Five-Year Review are on for June. That is doable.

Member Heil said perhaps the review can be earlier, maybe 5:30 until 6:30, for those that are interested in background information.

Member Esposito said it will be a refresher for all of us.

Hodgin asked if everyone agrees.

No one disagreed.

Member Jordan-Sweet asked if the charter can be done last.

Hodgin said yes.

Member Heil asked for a briefing on AVR.

Hodgin said yes.

Member Sprintzen asked about a follow-up on the Freon.

Detweiler said that will be next month also.

Member Sprintzen asked if the charter discussion could be postponed. He didn't object to the discussion, but said there is no urgency.

Member Esposito said we need it as a tool, especially for new members.

Hodgin said we will put it on the agenda last and see if we get to it.

Member Henagan said the Freon update will probably be short.

Member Esposito said it would be really efficient if there were a charter committee, chaired by Member Garber. Then we would already have some suggestions and viewpoints to present to the CAC.

Member Heil agreed to be on the committee.

Member Birben said she would serve as chair if it is the first item on the agenda.

Hodgin said the committee will consist of Members Esposito, Heil, and Birben. He asked if anyone else is interested in joining them. He said the briefing on the charter will be first or second on the agenda, but the discussion will be deferred until later on in the meeting.

8. New BNL Emergency Siren System, Rich Ohlsen, Emergency Management

Rich Ohlsen, Office of Emergency Management, reported that BNL is upgrading its site siren system. He explained that the current site sirens are mechanical in nature, difficult to find replacement parts for, have only two sounds (intermittent and steady), and they are hardwired - relying on electrical power. The new site siren system will have electronic sounds, the ability to be used as a public address system, have pre-installed voice commands and 16 sounds, and be wireless relying on solar power to recharge the batteries. These sirens may be heard offsite, so BNL is communicating with the internal and external communities notifying them of these changes.

Member Jordan-Sweet asked if the voice commands speak in other languages and if not, what about those that don't speak English.

Ohlsen said that's a good point, the two commands, "seek shelter" and "evacuate," will be available in Spanish. He will look into that issue.

Member Birben asked if there will still be a test every Monday and if it will sound like the Fire Dept.

Ohlsen said the test will still be conducted every Monday. These sirens are five minutes long, so they will be different from the Fire Dept.

Member Birben said from her backyard she can hear the public address system from the junior high school and on Mondays, she can hear the BNL test sirens. She asked what the decibel level is.

Ohlsen said it is all within 80 decibels.

Member Chaudhry asked how far offsite they will be heard and if it could disrupt other systems.

Ohlsen said this is on the federal frequency range. Local jurisdiction is nowhere near that range. The distance it will be heard is dependent on the wind patterns.

Member Talbot asked if the siren would be heard inside the building.

Ohlsen said there are tone alert radios inside the buildings. Each building has a point of contact that will give instructions to those indoors. This is all in the Emergency Plan.

The meeting adjourned at 9:11 p.m.

Agenda Topics
February 10, 2011 Poll

Homeland Security – 9
Nanotechnology ~~Developments & Standards~~ – 7 (3/10/2011 - E. Mendez)
Science & Politics – 7
Overview of BNL Land Use Plan – 6
Sustainability – 6
~~Photovoltaics~~ – 6 (3/10/2011 - E. Mendez and R. Lofaro)
PET/MRI Research – 6
LISF Tour Prior to Completion – 6
~~Business/Lab Integration of New Technologies~~ – 6 (4/14/11 – Walter Copan)
Nano Patterning – 5
Natural Resources Management Plan – 5
Nuclear Non Proliferation – 4
Nuclear Safety – 4
Catalysis & Super Conducting Magnets – 3
Cosmology – 3
Accelerate Long Island as information becomes available - 3
Safety Progress – 2
CRADAS – 2
Radio Isotopes – 2
Nuclear Stewardship - 1
~~Technology Transfer~~ – 0 (4/14/11 – W. Copan)

P = Present	2011	Affiliation		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		ABCO (Garber added on 4/10/02)	Member	Don	Garber			P	P	P							
		ABCO (Madigan added 10/10)	Alternate	Michael	Madigan	P	P		P								
		American Physical Society	Member	Margaret	Malloy		P	P	P								
		Brookhaven Retired Employees Association (Peskin replaced Campbell 09/09)	Member	Arnie	Peskin		P	P	P	P							
		Brookhaven Retired Employees Association (Franz 12/09)	Alternate	Eena-Mai	Franz	P	P			P							
		CHEC (Community Health & Environment Coalition (added 10/04)	Member	Sarah	Anker												
		(added 12/08) (R. Andrejkovics removed 9/09)	Alternate														
		Citizens Campaign for the Environment	Member	Adrienne	Esposito	P			P	P							
		Citizens Campaign for the Environment (K. Jacobs off 1/08)	Alternate														
		Colonial Woods Whispering Pines (added 06/09)	Member	Christine	Birben	P	P	P	P	P							
		Colonial Woods Whispering Pines (added 09/09)(Rehbein added 11/10)	Alternate	Eric	Rehbein	P	P		P	P							
		E. Yaphank Civic Association	Member	Michael	Giacomaro		P	P	P	P							
		E. Yaphank Civic Association (J. Minasi new alternate as of 3/99) (M. Triber 11/05) (Munson 6/06) (Feinman 2/09)	Alternate	Bob	Feinman	P		P	P	P							
		Educator (changed 7/2006)(Bush member 5/10)	Member	Greg	Bush		P	P	P	P							
		Educator (B. Martin - 9/01)	Alternate	Bruce	Martin												
		Educator ((Bush 5/09)	Alternate	Adam	Martin												
		Fire Rescue and Emergency Services (J. Williams removed 3/11) (F R & E services resigned 2/2011)	Member														
		Fire Rescue and Emergency Services (D. Lynch removed 3/11)	Alternate														
		Fire Rescue and Emergency Services (J. McLoughlin removed 3/11)	Alternate														
		Friends of Brookhaven (E. Kaplan changed to become member 7/1/01)	Member	Ed	Kaplan		P	P									
		Friends of Brookhaven (Schwartz added 11/18/02)	Alternate	Steve	Schwartz				P								
		Health Care	Member	Jane	Corrarino	P		P	P								
		Health Care	Alternate														
		Huntington Breast Cancer Coalition	Member	Mary Joan	Shea	P	P	P	P								
		Huntington Breast Cancer Coalition	Alternate	Scott	Carlin			P									

P = Present	2011	Affiliation	First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		Intl. Brotherhood of Electrical Workers/Local 2230 (S. Krsnak replaced M. Walker 1/11/07)	Member	Scott	Krsnak			P	P							
		IBEW/Local 2230 (off mailing list 8/2009)	Alternate	Philip	Pizzo											
		L.I. Pine Barrens Society	Member	Richard	Amper											
		L.I. Pine Barrens Society (Motschenbacher 6/09)	Alternate	Beth	Motschenbacher	P	P	P	P							
		L.I. Pine Barrens Society (Murdocco 4/11)	Alternate	Richard	Murdocco				P	P						
		L.I. Progressive Coalition	Member	David	Sprintzen	P	P		P	P						
		L.I. Progressive Coalition	Alternate	None	None											
		Lake Panamoka Civic Association (Biss as of 4/02)	Member	Rita	Biss	P	P	P	P	P						
		Lake Panamoka Civic Association (Gibbons off 1/10)(Grandal added 10/10)	Alternate	Bonita	Grandal	P			P	P						
		Long Island Association (Groneman replace 10/05)	Member													
		Long Island Association (LIA resigned Evanzia removed 2/11)	Alternate													
		Longwood Alliance	Member	Tom	Talbot		P	P		P						
		Longwood Alliance	Alternate	Kevin	Crowley											
		Longwood Central School Dist. (switched 11/02)(Castro replaced Henigin 6/09)	Member	Maria	Castro	P	P	P	P							
		Longwood Central School Dist.	Alternate	Allan	Gerstenlauer											
		NEAR	Member	Jean	Mannhaupt			P								
		NEAR (prospect taken off ¾) (Blumer added 10/04)	Alternate	Karen	Blumer		P		P							
		NSLS User	Member	Jean	Jordan-Sweet		P	P	P	P						
		NSLS User (P. Stephens removed after contact regarding new address failed mail returned 5/2010) (Ravel added 2/11)	Alternate	Bruce	Ravel			P	P	P						
		Ridge Civic Association	Member	Pat	Henagan		P	P		P						
		Science & Technology (added 1/1/05)	Member	Iqbal	Chaudhry		P	P		P						
		Town of Brookhaven (Graves made member 6/06)	Member	Anthony	Graves	P										
		Town of Brookhaven (Ormond 9/10)	Alternate													
		Town of Brookhaven, Senior Citizens	Member	James	Heil	P	P	P	P	P						
		Town of Brookhaven, Senior Citizens (open slot as of 4/99)	Alternate													
		Town of Riverhead (Conklin until 12/09)(added 4/11)	Member	Isidore	Doroski											
		Town of Riverhead (added 4/11)	Alternate	Suzanne	Hulme					P						
		Wading River Civic Association	Member	Helga	Guthy		P	P	P	P						
		Wading River Civic Association	Alternate	Sid	Bail											