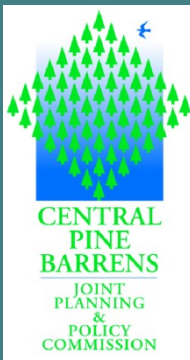


Central Pine Barrens Joint Planning and Policy Commission



Law Enforcement Council ATV Task Force taking action to protect the Central Pine Barrens from illegal ATV use.

2016 Report



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Central Pine Barrens Joint Planning and Policy Commission

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Designated Representative: Brenda Prusinowski

Sean M. Walter, Member and Riverhead Town Supervisor
Designated Representatives: Jill Lewis and Daniel McCormick

Jay H. Schneiderman, Member and Southampton Town Supervisor
Designated Representatives: Kyle Collins and Martin Shea

Steven Bellone, Member and Suffolk County Executive
*Designated Representatives: Sarah Lansdale, Andrew Freleng,
and Janet Longo*

Staff

(from the Suffolk County Water Authority)

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Judy Jakobsen, Policy and Planning Manager

Ann Carter, Science and Stewardship Coordinator
Katherine Delligatti, Assistant Academy and Administrative Specialist
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REPORT CONTENT

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Compliance and Enforcement Division

Larry Hynes, Compliance & Enforcement Coordinator

Compliance and Enforcement Division Duties and Responsibilities

The four Major Areas of duties and responsibilities for the Compliance and Enforcement (CAE) Division through the CAE Coordinator are:

- Land Use and Natural Resource Incident Investigation and Permit Compliance Inspection
- Conservation Easement Monitoring
- Commission Council Support (Law Enforcement Council (LEC), Wildfire Task Force and Protected Lands Council)
- Health and Safety Training & Driver Safety Training

Land Use/Natural Resource Incident Investigation and Permit Compliance Inspections

The CAE Coordinator conducts compliance inspections of Commission-approved hardship waiver permits for land use activities and development projects under the Commission's jurisdiction to ensure that development does not exceed the scope of the permit conditions. Compliance inspections are performed both before and after Commission permits are issued in order to establish a baseline against which to assess future conditions and ensure full compliance with permit conditions.

The CAE Coordinator prepares a bi-monthly report which compiles and analyzes incoming phone calls, e-mails and faxes received by the Central Pine Barrens Commission office concerning potential violations that occur in the Central Pine Barrens. Each incident has a central complaint number assigned to it and an incident report completed. Training is provided to all Commission personnel, with particular emphasis upon administrative and land use personnel, on how to complete an incident report to capture consistent and reliable information. Focus is placed on these specific staff members since they are typically the first points of contact for incoming callers concerning incidents or may encounter incidents in the field.



Damage and erosion caused by Illegal ATVs

A tracking system was created to enable incidents to be followed up on with the agency that has been assigned to investigate. Every incident report has a tracking status assigned to it that indicates whether it is open or closed.

Land use incident investigation is a cooperative effort in conjunction with other agencies having jurisdiction and includes the reporting of any findings and appropriate follow up work. In the case of verified violations of land use and natural resource laws, notices of violation may be issued as directed by the Commission to correct the situation. These notices of violations lead to corrective action and remedial activities to correct the work. Commission staff work cooperatively with other local, Suffolk County and New York State agencies to ensure violations are adequately addressed.

Conservation Easement Monitoring

It is also the responsibility of the CAE Coordinator to conduct regular compliance inspections and prepare field reports for conservation easements held by the Commission on privately-owned parcels in the Core Preservation Area, recognizing the individual conditions of each easement. These conservation easements were granted through the Central Pine Barrens Commission's Pine Barrens Credit Program (Transfer of Development Rights).

There are 953 privately-owned parcels that have been protected by the Central Pine Barrens Credit Program. In 2016, the CAE Coordinator and staff completed annual inspections of 931 of the 953 conservation easement parcels and in 2017 will be inspecting any additional parcels that are new to the program.



Dumping near North Street in Manorville

Summary of 2016 CAE Work

At the end of this section is a summary table that relates to the four areas of CAE responsibilities. The table provides information on the number of field inspections that were performed by the CAE Coordinator on parcels that have received permits from the Commission, and on parcels with conservation easements which are held by the Commission from the beginning of 2007 through the end of 2016. Information on incident reporting, compliance site visits and land use incident statistics are also provided.

Land Use and Natural Resource Incident Investigation and Reporting

The review of incidents reported to the Commission in 2016 indicated various impacts to the natural environment occurred due to dirt bikes, ATVs, off-road 4x4 trucks, illegal hunting and trespassors. There was also an increase in reported dumping and vegetation clearing complaints. The CAE Coordinator continues to work closely with the Towns of Brookhaven, Riverhead and Southampton to investigate these dumping incidents to ensure timely cleanup.

The Law Enforcement Council has assembled a task force to increase patrols of these areas and has been successful in numerous enforcement actions as discussed in the Law Enforcement Council section of this report.

During 2016, the CAE Coordinator worked closely with the Town of Brookhaven, Town of Southampton and County of Suffolk to identify, investigate, coordinate and help resolve a number of alleged violation cases.

Interagency Communication and Support

In 2016, the CAE staff continued to call, e-mail and meet with state, county and town representatives who have jurisdiction in the Central Pine Barrens. These contacts and meetings served to publicize and answer questions regarding the Compliance and Enforcement Division of the Commission and to foster open communication and cooperation among all land use

and natural resource enforcement offices.

Enforcement Amendments to NYS ECL Article 57

In 2016, the CAE Coordinator continued to work with Commission staff and the Law Enforcement Council to complete and advance the proposed extensive amendments to the Long Island Pine Barrens Protection Act related to enforcement in the Central Pine Barrens. These amendments include specific provisions to address the illegal operation of All-Terrain Vehicles and Off-Road Vehicles and dumping in the Central Pine Barrens. These amendments have since been forwarded to the New York State Legislature for consideration.

Health and Safety Training

In 2016, the CAE Coordinator arranged the scheduling of classes for Commission staff to maintain their health and safety certifications and remain current with health and safety advancements. In 2017, through the efforts of the CAE Coordinator, Commission staff will receive training opportunities in the following health and safety areas:

- Emergency Situation Management
- First Aid
- Cardio-Pulmonary Resuscitation
- Automated External Defibrillation
- Driver Safety



ATV Detail

Incident Command System

In 2016, the CAE Coordinator continued the Commission's policy and procedure to prepare and use an Incident Action Plan and the Incident Command System for Commission sponsored events. This plan is used by the New York State Division of Homeland Security and Emergency Services, the county and towns for emergency response situations and to manage large scale events. An Incident Action Plan is a written document that organizes all of the event's details, equipment and personnel necessary to carry out an event and assigns responsibility for specific event-related tasks in a very structured, organized manner. It includes a reporting hierarchy that is represented by a chain of command reporting system for staff and personnel to follow based on their assigned area of responsibility for the event.

This system was successfully used in 2016 and in prior years to organize and carry out Pine Barrens Discovery Day, law enforcement events and other Commission-sponsored events.

In 2016, the CAE Coordinator developed and completed the publication entitled *Central Pine Barrens Compliance and Enforcement Incident Reporting Handbook: Policy and Procedures* to aid and train other Commission staff in the proper methods for handling and processing incoming land use complaints or incidents. This manual was distributed to all Commission staff.

Pine Barrens Watch Program

During 2016, the Pine Barrens Watch Program continued to operate via the Suffolk County Sheriff's Office that is set up to receive and respond to calls on the 1-877-BARRENS phone line. This phone number serves as a non-emergency hotline that Suffolk residents can use to report any illegal, non-emergency activity that threatens the Central Pine Barrens region, in

cluding dumping, vandalism and off-road vehicle use.

Establishment of LEC Technology Sub-Committee

In March 2016, the division assisted the LEC in the establishment of a Law Enforcement Technology Subcommittee. The subcommittee is made up of representatives from each of the key member law enforcement agencies and is intended to explore new forms of technology that can aid LEC member agencies in their enforcement work. At the first subcommittee meeting in March, the subcommittee voted to designate the Commission's Executive Director as the first subcommittee chair and adopted the following mission statement (*adopted March 24, 2016*):

“To research, explore and make recommendations to the full LEC in regard to the various forms of equipment and apparatus, including security and safety technology, to be used by members of the Law Enforcement Council in order to protect, preserve and safeguard the natural resources of the Central Pine Barrens and to support, aid and bolster LEC task force activity to prevent, reduce and halt illegal activities in the Central Pine Barrens, including illegal dumping, operation of off-road vehicles, operation of all-terrain vehicles and dirt bikes and other unauthorized uses.”

Three meetings of the subcommittee were held in 2016. The LEC purchased four field stealth trail cameras to be placed throughout the Central Pine Barrens. The subcommittee is in the process of determining the optimal locations for the initial deployment of these cameras in the field.

New Compliance and Enforcement Staff

In the later part of 2016, the Compliance and Enforcement Coordinator announced his retirement to be effective at the end of January 2017. In response, the Commission conducted an extensive search and advertising for replacement personnel and hired three new part-time Compliance and Enforcement Coordinators with a broad range of local, regional and state-wide enforcement experience who collectively have almost 100 years of law enforcement experience.

Incident Statistics - Reporting Period 1/1/07 - 12/31/16										
Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Intake										
to Commission	4	7	8	0	1	0	0	0	0	6
Sent by Agency to Commission	6	13	5	5	4	5	4	2	3	18
Discovered by Commission Staff	3	15	18	7	4	8	8	6	8	5
Commission	16	36	28	30	18	6	8	6	5	11
Total Incidents Reported	29	71	59	42	27	19	20	14	16	34
Location of Incident										
Brookhaven	19	49	45	27	22	11	14	12	9	29
Southampton	6	17	13	8	4	4	4	2	4	2
Riverhead	4	3	1	5	1	3	2	0	3	3
Occurring on Public Land	13	44	42	18	17	8	9	6	7	13
Occurring on Private Land	15	27	17	22	11	12	11	9	10	21
Occurring on Public & Private Land	1	0	0	0	0	1	0	0	0	0
Core	11	41	41	29	15	8	12	7	11	16
CGA	16	26	15	10	12	10	8	6	5	18
Core & CGA	1	2	0	1	0	0	0	0	0	0
Outside CPBA	1	2	3	1	0	1	0	1	0	0
Nature of Incident*										
Clearing	20	29	16	16	13	12	10	8	10	23
Structures	4	2	2	0	0	0	1	0	1	6
Dumping	3	11	20	13	7	3	2	4	1	4
Mining	2	0	0	1	1	0	0	0	0	0
Hunting	1	0	2	2	1	0	1	0	0	0
ATV	3	6	6	3	2	0	6	1	4	4
Other	2	27	15	11	3	5	0	2	1	8
*note some incidents involve more than one land use issue										
Referrals*										
Sent to Town	12	30	20	18	12	16	9	8	13	24
Sent to County	2	27	21	12	5	3	9	4	2	9
Sent to State	12	7	18	7	9	6	3	3	2	3
Commission	8	31	4	9	5	0	0	0	2	0
Sent to AG	5	5	0	0	0	0	0	0	0	1
Other	5	4	0	1	0	1	2	0	0	0
*note some incidents are sent to multiple agencies										
Status										
Founded	22	68	58	41	26	18	19	13	15	32
Unfounded	7	3	1	1	1	1	1	1	1	2
Open	0	0	0	1	1	1	4	1	4	21
Closed	29	71	59	41	26	17	16	13	12	13
Disposition*										
Fine	0	0	1	0	0	0	0	0	1	0
Revegetation	0	4	2	0	0	0	0	0	1	2
Land Purchase	0	0	0	0	0	0	0	0	0	0
Land Swap	0	0	0	0	0	0	0	0	0	0
Other	1	0	0	0	0	0	0	0	0	0
Pending	0	0	0	1	1	1	4	1	4	19
* Indicates disposition for founded cases closed.										

DEVELOPMENT PROJECT COMPLIANCE SITE VISITS			
Reporting Period: 8/21/07 - 12/31/16			
Central Pine Barrens	Brookhaven (District 200)	Riverhead (District 600)	Southampton (District 900)
Core Preservation Area	80	22	26
Compatible Growth Area	87	10	11

CONSERVATION EASEMENT MONITORING SITE VISITS				
Reporting Period: 8/21/07 - 12/31/16				
Core Preservation Area	Brookhaven (District 200)	Riverhead (District 600)	Southampton (District 900)	Totals
Tax Map Sections				
Total	46	9	55	110
Done	44	7	52	103
Pending	2	2	3	7
Tax Map Parcels				
Total	494	35	423	952
Done	485	35	411	931
Pending	8	0	9	17

COMPLIANCE AND ENFORCEMENT INCIDENT REPORTS										
Reporting Period: All from 1/1/16 - 12/31/16 and Open (i.e., Pending) from 2015										
Year	Brookhaven (District 200)		Riverhead (District 600)		Southampton (District 900)		Other		Totals	
	2016 All	2015 Open	2016 All	2015 Open	2016 All	2015 Open	2016 All	2015 Open	2016 All	2015 Open
Core	11	2	2	0	2	1			15	3
CGA	18	2	1	0	0	0			19	2
Non-PB	0	0	0	0	0	0	0	0	0	0
Totals	29	4	3	0	2	1	0	0	34	5

Environmental Education and Outreach Division

Melissa Griffiths Parrott, Education & Outreach Coordinator

Education and Outreach mission statement:

To promote stewardship through awareness, appreciation and understanding to Long Island residents of all ages on the critical role the Central Pine Barrens serves in maintaining their quality of life. This includes its species, landscapes, natural communities, groundwater protection, cultural and historical resources.

The Education and Outreach Division develops, coordinates and maintains programming on a regional basis. The services the Division provides include:

- Provision of public outreach as a participant in local festivals, conferences and other events.
- Working with all Commission staff on special Commission projects.
- Learning experiences on topics such as: Central Pine Barrens ecology, the Long Island Watershed, Long Island biodiversity, global biodiversity, the impacts of climate change and “A Day in the Life” educational programming and teacher training opportunities for grades K-12 and higher education institutions.
- Opportunities for engagement in citizen science.
- Creation, organization and presentation of Pine Barrens ecology oriented K-12 educational programs
- Writing and distributing regular press releases and press advisories about newsworthy educational and outreach events.
- Maintaining a presence on social media for key educational initiatives.
- Responding to media, telephone and mail inquires pertaining to environmental education and outreach.
- Developing and sustaining important partnerships to advance the mission of the Central Pine Barrens Commission.
- Continuing to develop new programming to promote educational opportunities.
- Representing the Central Pine Barrens Commission at national and international educational, scientific and advocacy conferences and events.
- Grant writing to support new and ongoing programming.



Melissa Parrott teaching a pine barrens ecology lesson.

In 2016, Commission Education and Outreach staff:

- Developed, implemented and taught environmental education programs to grades k-12, STEM and STEAM-related classes, high school research classes, higher education classes and through various outreach events, such as festivals and conferences. In 2016 the division focused primarily on direct interaction with students, teachers and environmental professionals through hands on programming, by increasing the number of one-to-one events with students and decreasing the number of large outreach events, such as fairs and festivals. The Education and Outreach division reached approximately 5,750 youth and adults through community outreach events, speaking engagements and

school programs. By direct outreach through our hands on, interactive, k-12 school programs, public programs and the “A Day in the Life” events, we reached a total of 4,199 students, 55 school districts, 142 teachers, 48 partner agencies and organizations, 123 natural history experts and over 500 science teachers at the Suffolk County Science Teachers Association of NY State (STANYS) Conference. Also, through outreach events, such as Pine Barrens Discovery Day and speaking engagements, we indirectly reached approximately 1,000 people.



Brookhaven Town Supervisor Edward Romaine and Commission Executive Director John Pavacic at Pine Barrens Discovery Day

- We continued to develop, coordinate and implement five one-day synoptic educational events, including the “A Day in the Life” programs on the Carmans River, the Peconic Estuary and, on behalf of the Suffolk County Water Authority, “A Day in the Life” programs on the Nissequogue River, the Connetquot River, the Carlls River, Mill River, Gardiner County Park, Green’s Creek, and Massapequa Park Preserve. These one-day student science field research and citizen science efforts are in partnership with numerous agencies, organizations, scientists, educators and students. We worked with over 2,500 students, 47 school districts, 124 teachers, 45 partner agencies and organizations and 123 natural history experts, collecting water quality data and biodiversity inventories from over 68 sites along the nine river ecosystems from the head to the mouth of the estuary.



- We continue to secure funding and purchase and update supplies as needed. Some equipment and supplies purchased include: seine nets, Go Pro cameras, water quality test kits, dip nets, photographic tanks, anemometers, sling psychrometers, waders, calculators, soil corers, refractometers and more.
- In 2016, we initiated a program with Suffolk County Science Teachers Association of NY State (STANYS) and various “A Day in the Life” teachers to integrate a GIS desktop program with our “A Day in the Life” programs. The goal is to demonstrate, develop and analyze maps related to water chemistry and biological distribution of organisms collected at varied sampling locations along the nine different rivers. Two elementary students from Sayville School District won first and second place in their school’s science fair. They also won first and second place at ESRI’s International User Group Conference’s Elementary poster category with the posters entitled “Using ARC GIS Online to analyze student-collected Environmental Data” and “Water pH, Friend or Foe?”



The Commission’s Melissa Parrott, BNL partner Mel Morris, Sayville HS Research Teacher Maria Brown with sixth grader and first place ARC GIS poster winner.

- For a third year, we partnered with Cold Spring Harbor Lab’s DNA Learning Center and their *Barcode Long Island project*. *Barcode Long Island (BLI)* gives students an understanding of the interaction between humans and the natural environment. Student teams use DNA bar-coding to explore, document, and track the biodiversity on and around Long Island. *BLI* provides students with real and relevant research experience while they contribute to their knowledge of their environment. All submitted proposals designed around the “A Day in the Life” programs and Pine Barrens species of plants and animals were approved and funded. Data and the final product will be available in June 2017. One group of students identified a new species of Earwig on the Carmans River.
- For our ninth successful year, we developed, organized, and directed our annual “Barrens to Bay” summer camp. This camp is in partnership with Wertheim National Wildlife Refuge in Shirley, located in the Core Preservation Area of the Central Pine Barrens. In 2016, approximately 150 campers enjoyed hands on learning about the Pine Barrens, went on interpretive hikes, and participated in seining, dock scraping and scientific explorations, among other activities and learning opportunities over a seven-week period. This year, we extended our camp from six to seven weeks due to its popularity. We again integrated a Monarch butterfly conservation program by rearing and releasing this species that is in decline, as well as planted native Milkweed, their main food source.



- Our 10th annual “Pine Barrens Discovery Day” was a successful educational event. It is designed to educate families, students and other Long Island residents on the natural and cultural history of the Central Pine Barrens. The event was held at Wertheim National Wildlife Refuge in Shirley on Saturday, September 10th. The event was very successful and attended by more than 500 people. In 2016, we had 11 fun shops, three natural history hikes, 20 exhibitors geared toward hands-on interactive learning and musical entertainment.
- We continue to participate as a member on the steering committee for the “Long Island Natural History Conference” and assisted with the coordinating and planning of the fifth annual Long Island specific event. We helped secure the venue, speakers, poster session participants, food, and assisted with the registration, press releases and general organization of the three-day event.
- We continue to improve education, research and historical programming with our international twin ecosystem and “Twinings” partner, the Parco Regionale Migliarino San Rossore Massaciuccoli (MSRM) in Pisa, Italy. We did not have the funding to travel to Italy again this year, but continued to meet via Skype with our MSRM partners to improve learning and research opportunities. Longwood High School students and Istituto Tecnologico Industriale (ITI) High School students in Pisa, Italy meet via web conferencing two times a year to compare their findings in each of their local rivers.
- The Education and Outreach Division continues to successfully generate innovative partnerships with federal, state, town and local agencies and organizations to benefit education and outreach programs and the Central Pine Barrens Commission.



Land Use and Planning Division

Julie Hargrave, Principal Environmental Planner

The purpose of the Land Use Division is to ensure the use of land within the Central Pine Barrens area conforms to New York State Environmental Conservation Law (ECL) Article 57 and the Central Pine Barrens Commission's Comprehensive Land Use Plan and to guide its development. The division provides both long range and current planning on a regional basis for the Central Pine Barrens area. Other services the division provides are:

- Review and processing of Commission permit applications.
- Review of town and other agency land use management plans for conformance to NYS ECL Article 57 and the Comprehensive Land Use Plan.
- Prepare State Environmental Review Act (SEQRA) documents and perform SEQRA coordination with other agencies.
- Research and draft land use policy to guide the Commission.
- Provide recommendations to Commission councils, the Advisory Committee, and the towns on land use matters and policy under the Commission's purview.
- Support the Compliance and Enforcement Division with the investigation of land use incidents and violations, and the monitoring and review of Commission permit conditions, and conservation easements for conformance.
- Serve as the liaison to the public and government agencies on inquiries related to land use and development in the Central Pine Barrens and jurisdictional inquiries.
- Prepare Comprehensive Land Use Plan amendments.
- Communicate and meet with applicants.
- Prepare materials including staff reports and exhibits for public hearings on hardship waiver applications.
- Follow-up on compliance with the conditions of approval for permits granted by the Commission, filing requirements, and restoration activities.
- Perform field inspections of project sites and post-construction site inspections.
- Track pending projects, referrals, and litigation.



The Central Pine Barrens has a mix of residential, commercial and agricultural uses.

- Update the Commission website with land use development information, status of applications, and project statistics.

In 2016, Commission Land Use Division Staff

Monitored and reviewed development projects in the Central Pine Barrens Area for compliance with ECL Article 57 and the Commission’s Comprehensive Land Use Plan (the “Plan”) by:

- Providing comments on SEQRA coordination referrals received from the three towns in the Central Pine Barrens (Brookhaven, Riverhead, and Southampton), Suffolk County, and State agencies. In 2016, approximately 36 referrals were received.
- Reviewing town code amendments and land use plans for conformity to NYS ECL Article 57 and the Plan.
- Responding to daily inquiries and requests for information related to land use, planning, and development matters in the Central Pine Barrens.
- Performing site inspections to confirm compliance with conditional decisions granted by the Commission.
- Drafting the Supplemental Draft Generic Environmental Impact Statement for the Comprehensive Land Use Plan amendments in accordance with the Final Scope.
- Continued to update the Commission website with development application information, decisions, and statistics.
- Reviewed Requests for Determination of Jurisdiction for presentation to the Commission.

Requests for Determination of Jurisdiction (in the Core, unless otherwise noted):

- Joseph and Emily Trocchio (Antro Realty Corp.) SCTM #200-410-1-17, Manorville
 - 60 Old River Road (Annie’s Acres), Manorville
 - North Shore Towers at Swan Lake Golf Course, Calverton
 - Rockwell Collins, Flanders
 - Starbucks on CR 111, Manorville
 - Sunderland Property, Manorville
 - The Hills at Southampton Mixed Use Planned Development District, East Quogue (Core, CGA, and Critical Resource Area)
- Reviewed applications for hardship waiver exemptions, prepared staff reports, SEQRA documentation, and drafted decisions for the following projects that were under review by the Commission:

Compatible Growth Area Applications:

- PSEGLI West Bartlett Substation, Middle Island

Core Preservation Area Applications:

- Henry Dittmer SCTM # 200-529-5-35, Yaphank
- 71 Lakeview Drive, Northampton
- East End Christian Academy, Manorville
- Armand Gustave, LLC c/o Peter Barron, Manorville
- Trocchio (Antro Realty Corp.), SCTM # 200-460-1-19 and 20, Manorville

The table on the next page depicts the number of decisions made by the Commission on development projects in the Core Preservation Area and Compatible Growth Area from 1993 through 2016. Projects that are reviewed by the Commission must be considered develop-

ment as defined in the NYS Environmental Conservation Law Article 57 (NYS ECL Article 57), and for projects in the Compatible Growth Area involve either a hardship waiver request from development standards contained in its Comprehensive Land Use Plan or require a decision by the Commission because the project was a development of regional significance, in a critical resource area or the Commission asserted its jurisdiction over the project pursuant to NYS ECL Article 57. Development projects in the Core Preservation Area require a hardship waiver from the Commission either based on extraordinary hardship or compelling public need as identified in NYS ECL Article 57.

Pine Barrens Commission Development Project Decisions 1993 through 2016									
Year	Core Preservation Area			Compatible Growth Area			Central Pine Barrens		
	Approvals	Disapprovals	Decisions	Approvals	Disapprovals	Decisions	Approvals	Disapprovals	Decisions
1993	0	0	0	0	0	0	0	0	0
1994	6	2	8	6	1	7	12	3	15
1995	7	4	11	12	2	14	19	6	25
1996	7	2	9	9	0	9	16	2	18
1997	8	1	9	0	0	0	8	1	9
1998	3	1	4	3	0	3	6	1	7
1999	3	2	5	3	0	3	6	2	8
2000	1	1	2	0	0	0	1	1	2
2001	7	1	8	1	0	1	8	1	9
2002	4	2	6	0	1	1	4	3	7
2003	2	1	3	2	0	2	4	1	5
2004	1	0	1	4	0	4	5	0	5
2005	3	0	3	6	2	8	9	2	11
2006	1	0	1	4	0	4	5	0	5
2007	0	0	0	3	1	4	3	1	4
2008	1	0	1	0	1	1	1	1	2
2009	0	0	0	0	0	0	0	0	0
2010	2	1	3	1	0	1	3	1	4
2011	1	1	2	3	1	4	4	2	6
2012	1	0	1	2	0	2	3	0	3
2013	0	0	0	1	0	1	1	0	1
2014	0	2	2	1	0	1	1	2	3
2015	1	1	2	0	0	0	1	1	2
2016	1	4	5	1	0	1	2	4	6
Total	60	26	86	62	9	71	122	35	157

Science and Stewardship Division

Ann Carter, Science & Stewardship Coordinator

The Science and Stewardship Division supports the Commission's mission to protect and restore natural, historic, cultural, water, and scenic resources, and enhance public access and enjoyment, while promoting scientific research across the Pine Barrens region, as envisioned in New York State Environmental Conservation Law (ECL) Article 57 and the Central Pine Barrens Comprehensive Land Use Plan.

The division works closely with public landowners within the multi-jurisdictional Central Pine Barrens area on stewardship initiatives involving:

- Cultural, historic, and scenic resource protection and restoration
- Ecological research, monitoring, protection and restoration
- Land use management and protection
- Fire management planning
- Natural resource protection and management
- Open space management
- Public use and recreational resource planning and management



Davis Town Meeting House in Coram (photo courtesy of the Davis Town House Meeting Society)

In addition the division:

- Provides overall support to the Commission's Protected Lands Council and its stewardship initiatives.
- Contributes support to the Law Enforcement Council and other Commission committees.
- Provides cartographic and data information and analysis services for the Commission.
- Provides support to the other Commission divisions on stewardship matters related to development projects, agency land management plans and land use incident investigations and enforcement actions.

Division Activities and Programs that occurred in 2016

New Division Staff

The Commission hired new staff members that were assigned to the division. In May, our new full-time ecologist joined our team, bringing a wealth of knowledge and professional experience to the Commission. Additionally, through grant funding, we were able to hire four temporary interns to assist with our Southern Pine Beetle program; two during the summer, and two during the fall and winter months. After orientation, outfitting, safety training and technical training, the enthusiastic interns accomplished high-quality field work across hundreds of acres in the pine barrens.

Forest Health Protection

The Commission works collaboratively with scientists and other professionals to monitor and keep abreast of potential threats to forest health across the Central Pine Barrens region, including forest pests and pathogens, and other biotic and abiotic stressors. Forest management planning and restoration assistance are also provided.

Southern Pine Beetle

Significant pitch pine mortality, caused by an outbreak of Southern Pine Beetle (SPB), the most destructive bark beetle in southeast United States, was discovered on Long Island in 2014. Response efforts continued to be in the forefront of the Commission's work in 2016, and included:

- Multi-party coordination and cooperative work with the NYS Department of Environmental Conservation (NYSDEC) and its Forest Health Unit, USDA Forest Service, US Fish & Wildlife Service, Cornell University Research Laboratory & Cooperative Extension of Suffolk County, NYS Office of Parks, Recreation, and Historic Preservation, Suffolk County Department of Parks, National Park Service, Town of Southampton, Town of Brookhaven, prominent SPB scientists and others.
- Participation in NYSDEC's SPB Response Incident Command System, serving as the Situation Unit Leader and Liaison Officer, and assistance with operations.
- Compilation of response updates from responding agencies and prepared bi-weekly reports.
- Participation in NYSDEC ground surveys as a follow-up to NYSDEC aerial detection surveys. Infestations were located, evaluated, and mapped. Data collected were used to guide agency planning efforts and suppression cutting of priority active infestations.
- Analyzed aerial photographs and produced maps.
- Participated in the development of response plans.
- In August, the Commission signed a Memorandum of Understanding with the Town of Southampton to create a town-specific Southern Pine Beetle Task Force in order to increase local response to the outbreak. The Task Force generally meets monthly. Discussions have covered current monitoring and suppression efforts being conducted, data collection and management techniques, handling and disposal of affected trees, future identification and survey training, as well as outreach and education activities.
- Commission and NYSDEC staff conducted a one day SPB ground survey training for Commission interns as well as the Town of Brookhaven, Suffolk County Department of Parks and Recreation and Town of Southampton staff. This classroom and in-the-field training highlighted the biology, behavior, and identification of the SPB and also provided an introduction to the equipment, devices and techniques to collect data on their populations.



Woodpeckers are a natural predator of the Southern Pine Beetle.

- Provided an additional training session to Town of Southampton staff from various departments on SPB identification and the handling of infested trees.
- Received and managed a \$50,000 grant to aid the Commission in its response efforts. The funds were used to conduct monitoring (ground-truthing and trapping), to assist with suppression, to provide a SPB research and management symposium, enhance forest restoration of affected areas, and provide educational materials.
- Provided assistance to the Town of Brookhaven and Suffolk County Department of Parks and Recreation in project development and the preparation of applications for NY State's SPB Community Recovery grants to aid in suppression, hazard tree removal, and restoration. Subsequent awards were \$37,000 to the Town, and \$225,000 to Suffolk County.
- Assisted with suppression work, including flagging and cutting infested trees (cut and leave method).
- Conducted monitoring through trapping: deployed pheromone baited funnel traps; checked and maintained traps weekly; collected, identified and counted insects; and analyzed and summarized results. Work was conducted in collaboration with Cornell Horticultural Research Lab.

Other Pests and Pathogens

Oak Wilt - Recently discovered on Long Island, this serious fungal disease is expected to pose significant challenges for management of Central Pine Barrens forests.

Gypsy Moth - Observed significant gypsy moth defoliation in the Central Pine Barrens, including in Middle Island, Ridge, Rocky Point and Manorville.

Drought - Observed hardwood trees under significant drought stress during the summer, with thousands of trees exhibiting browning leaves.

Southern Pine Beetle in the Northeast Research and Management Forum

Building upon twenty years of producing the popular annual Pine Barrens Research Forum, the Commission and co-sponsors began planning a forum to be held in March 2017 that will focus on research and management of Southern Pine Beetle in the Northeast. Funding for this event will be provided by New York State's Southern Pine Beetle grant awarded to the Commission in 2016.

Agencies participating in the coordination and hosting of this program include the Commission, the US Department of Energy, Brookhaven National Laboratory, the US Forest Service, the US Fish and Wildlife Service, New York State Department of Environmental Conservation, National Park Service, Suffolk County Parks, Recreation and Conservation, Cornell Cooperative Extension of Suffolk County and the New York State Office of Parks, Recreation and Historic Preservation.

During planning committee meetings, the group made progress toward developing an exciting two-day program for this event that will be held at Brookhaven National Laboratory. Day one will feature presentations by renowned Southern Pine Beetle experts from across the country. A field session will be held on the following day at various parks and preserves focusing on the impact of the beetle on Long Island pitch pine forests as well as the management strategies being employed in response to the outbreak.

Protected Lands Council

The Protected Lands Council (PLC) is an association of agencies, organizations and individuals who share a common interest in advancing the protection, preservation and restoration of natural, cultural, and scenic resources in the Central Pine Barrens region, while promoting compatible public use and enjoyment of protected lands in a manner that is consistent with ensuring that the resource's essential values and integrity are preserved for the public trust, present and future.

Under the direction of the Commission, the PLC's stewardship work is focused on well over 60,000 acres of public lands in the Central Pine Barrens and covers a broad array of topics, including, but not limited to, habitat protection; ecology; restoration of historic structures; trails; recreational uses such as hiking, bird watching and hunting; signage; invasive species; park planning; damage caused by illegal ATV use and dumping.

Since its establishment by the Central Pine Barrens Comprehensive Land Use Plan, the PLC's focus, meeting frequency, and structure have evolved. The PLC holds periodic meetings during the year at various locations across the Central Pine Barrens, with additional field work sessions scheduled as needed.



The PLC's Chair and Vice Chair are appointed by the Commission and PLC work is supported by the Commission's Science and Stewardship Division. Meeting agendas include a roundtable session that serves as a forum where land managers, public lands user groups, environmental groups and others provide updates and exchange ideas on topics of mutual interest.

The PLC met on September 13th and discussed off-road vehicle damage, unauthorized clearing, dumping and other illegal activities that continue to plague the Central Pine Barrens, Southern Pine Beetle impacts and management, regional trail improvements, ecological protection and restoration, acquisitions for land preservation and natural area uses.

In December, the Commission reappointed Tom Casey from the Long Island Greenbelt Trail Conference and the Pine Barrens Society as the Protected Lands Council Chair and John Wer-net from the NYSDEC as the Vice Chair.

The PLC also hosted three pitch pine seed collection days with the Seeds of Success Program, New York State Department of Environmental Conservation (NYSDEC), Suffolk County Parks, Recreation and Conservation, Long Island Greenbelt Trail Conference, Mid-Atlantic Regional Seed Bank, Town of Southampton and the Long Island Native Plant Initiative to bank Pitch pine (*Pinus rigida*) seed for use in tree production and future restoration. Collection sites were selected to capture genetic variability within extant and suppression-cut *P. rigida* populations. Both serotinous and non-serotinous cones as well as this year's cones were collected to maximize genetic variability and adaptability. Seed collection protocols utilized by LINPI and Mid-Atlantic Regional Seed Bank (MARS-B) were applied to cone collection to limit the impact to the seed bank and wildlife. These protocols are particularly important especially when collecting from Southern Pine Beetle suppression sites, as cones collected from felled *P. rigida* are the last that will be produced by these individuals. Accordingly, collection as well as

safety protocols were reviewed prior to collections.

Date	Location	# Volunteers	# Cones Harvested
10/6/2016	Hubbard CP Hampton Bays	16	3 (- 150lbs)
10/20/2016	Spinney Rd. Flanders & Hubbard CP Hampton Bays	14	3 (- 150lbs)
11/10/2016	Dwarf Pine Plains Westhampton Beach	19	4 (-200lbs)
	Total	49	500 lbs by volume

Volume of Pitch Pine Cones Harvested During Three Volunteer Events in the Pine Barrens

The NYSDEC Forest Health staff delivered the harvested cones to Saratoga Tree Nursery, where they will be baked in a kiln to open serotinous cones and then cleaned. A portion of seed will be directly utilized by Saratoga Tree Nursery for restorations and the remainder banked in the Mid Atlantic Regional Seed Bank to maintain viability and long-term use for propagation and restoration in order to support future forest restoration within the Central Pine Barrens region. The events amassed resounding support, which resulted in mass collection of cones. We thank all of our partnering organizations, agencies and individuals who helped make these events a success.



Happy and Enthusiastic Volunteers Eagerly Harvesting Cones

Invasive Species Management

The division represents the Commission on New York State's Partnership for Regional Invasive Species Management, which generally meets monthly (webinar meeting) and its local group, the Long Island Invasive Species Management Area (LIISMA) which meets quarterly. LIISMA is a voluntary partnership of over 50 organizations from Richmond, Kings, Queens, Nassau

and Suffolk Counties that includes government agencies, non-profits and private businesses. This group works together to share information and the latest strategies for invasive species management. In 2016, staff:

- Participated in LIISMA's quarterly meetings, two of which were hosted by the Commission at the Suffolk County Water Authority training facility in Coram (April 14th and December 10th).
- On June 7th, attended advanced training in the use of the state's centralized invasive species mapping program (iMapInvasives).
- During Southern Pine Beetle ground surveys and other field operations, staff scouted for and collected data on priority invasive plant species that may become established as a result of increased sunlight reaching the forest floor in affected forest stands.

Aerial Monitoring and Ground Support Program

The Commission has a Memorandum of Understanding with the New York Wing of the Civil Air Patrol (CAP), which is a volunteer civilian auxiliary of the United States Air Force and also a member of the Commission's Law Enforcement Council (LEC). The MOU enables CAP to assist the Commission and the LEC by performing aerial missions such as reconnaissance to search for victims, damage assessments or environmental surveys utilizing visual photographic, digital and video techniques; airborne communications support and airlifts (subject to certain restrictions identified in the MOU). In addition, CAP can provide manual labor (e.g. filling sandbags for flood control); radio communications and ground teams (typically used in search and rescue missions). The Commission's digital cameras enable the division to take key aerial photographs during these missions to document existing land conditions, perform smoke spotting, inventory agricultural land use, identify the location of dump sites, abandoned vehicles and ATV damage and perform forest health monitoring.

On June 13th, Commission staff and Civil Air Patrol (CAP) conducted an aerial reconnaissance of ground conditions mission over the Central Pine Barrens region. Aerial photographs were used by the Commission and other agencies to identify areas damaged by illegal off-road vehicle use, assess Southern Pine Beetle infestations and aid in ground monitoring operations, land cover documentation and land management planning. The aerial photographs taken during the mission were also used in conference presentations.

To aid in Southern Pine Beetle education and outreach, the Commission coordinated an August 10th aerial flyover mission for NYSDEC under the Commission's Memorandum of Understanding with CAP. The purpose of the mission was to obtain press coverage on extensive pitch pine mortality caused by the Southern Pine Beetle outbreak and to demonstrate the success of efforts to suppress the infestations.

In 2016, the Commission and CAP began to discuss the renewal of the MOU that would extend this valuable partnership for another five years.

Ecological Services Project

In 2016, the Commission made significant progress in regard to its Ecological Services project. The Commission advanced the NYSDEC Sarnoff-Suffolk County Pleasure Drive complex project to restore ecological communities and undertake wildfire mitigation measures, including reduction of fuel loads. The development of plans for fuel management and ecological restoration in the Rocky Point Pine Barrens Preserve, and for grassland restoration and invasive species management in Eastport Conservation Area and Pine Meadow County Park, is also progressing.

Sand Plain Grassland Managers

Attended and presented at the annual meeting of Sand Plain Grassland Managers on October 18th. Regional managers presented on activities advanced during the year on respective grasslands and Commission staff presented the Sand Plain Grassland Network, a larger regional effort to coordinate grassland management and research within the Northeast from Long Island to Maine.

Ray Corwin Rocky Point to Yaphank Trail

The Commission is coordinating the development of a regional trail that will travel from Route 25A in Rocky Point to Main Street in Yaphank. The proposed approximately eight mile trail will be named in memory of the first executive director of the Central Pine Barrens Commission, Ray Corwin, who passed away in 2010. The conceptual trail route follows existing open paths and woods roads, and includes several spurs and potential future connections to points south for use by hikers and equestrians. Some of the partners involved in the planning process include NYSDEC, Suffolk County Department of Parks, Town of Brookhaven, NYS Department of Transportation, the Protected Lands Council, and user groups. Some of this year's work to advance this project included:

- Mapping segments of the trail using GPS.
- Demolishing derelict buildings along the trail.
- Opening NYSDEC's new trailhead on NYS Rt. 25 at the Rocky Point Preserve that has an accessible loop trail, kiosks, equestrian mounting structure and attractive fencing.
- Addressing survey and encroachment issues.
- Safety planning for road crossings.
- Developing trail plans with plans for a major development under construction in the trail corridor.

Dwarf Pine Plains Trail

Established by the Commission in 2007, the Dwarf Pine Plains Trail is a 0.6 mile loop trail that begins at the Commission office in Westhampton, and traverses this rare and fascinating ecological community. The trail and trailhead are cooperatively maintained and improved as per the Commission's cooperative stewardship agreement with the landowners, Suffolk County Department of Parks, NYS Department of Environmental Conservation, and Suffolk County Water Authority. Regular maintenance activities include the removal of litter and dumped materials, registration station upkeep, fence repairs, weed control, maintenance of signage and trail pruning. This year, staff:

- Coordinated with Suffolk County Parks staff to prune vegetation that had re-grown along the trail and replace deteriorated fencing.
- Pruned and weeded native planting areas, which include pitch pine, columbine, prickly pear cactus, bearberry, reindeer lichen, pine barren golden heather, milkweed, goldenrod, little bluestem and other native Central Pine Barrens plants.
- Maintained registration box at the trailhead. The trail has gained in popularity as evidenced by many positive comments left by hikers.
- Removed debris and litter.

Pine Barrens Commission Sawyer Crew

A team of trained and certified sawyers is being developed by the Commission and Suffolk

County Water Authority staff to directly support local suppression of Southern Pine Beetle as well as grassland succession. A chainsaw maintenance training session was conducted on November 4th in anticipation of winter suppression cutting that will be led by New York State Department of Environmental Conservation following an in-the-field refresher training. Division staff joined NYSDEC staff at Southaven County Park for a day of cutting with their sawyers. Additional saw days were scheduled to aid NYSDEC staff in advancing suppression efforts. Saw gear including new packs, personal protection equipment, saw, and maintenance equipment has been purchased under the New York State Southern Pine Beetle grant to support this crew.

ATV Damage & Dumping Mitigation Program

The division works with public land managers, the Protected Lands Council and the Law Enforcement Council to mitigate widespread ATV damage, dumping, encroachments, and vandalism in the Central Pine Barrens area. Erosion of fragile soils, habitat destruction, trail damage, and other negative impacts caused by illegal off-road vehicle use continue to compromise the protection of natural areas across the Central Pine Barrens region. This program primarily involves damage assessments, mitigation planning, installation and ongoing repairs of barriers and signage, monitoring, reporting and other related work.



Soil erosion and damage to plants and wildlife caused by illegal ATVs riding around an ecologically sensitive pond

This year, the division continued its mitigation work across the Central Pine Barrens, communicating with law enforcement officials regarding the dumping of tires, household trash, clearing, vandalism, off-road vehicle activity and encroachments.

On February 23rd, Commission staff inspected the site of reported ATV damage in the vicinity of coastal plain ponds in Robert Cushman Murphy County Park. The illegal use has resulted in significant damage to sensitive resources. These ponds support a high diversity of rare flora and fauna including tiger salamanders that could be injured by these vehicles. In addition, the habitat for both fauna and flora may be degraded by facilitating the spread of existing invasive species and or the introduction of new invasives that may be transported inadvertently on site by the ATVs. Law enforcement officials continue to patrol and respond.

North Atlantic Fire Science Exchange

The North Atlantic Fire Science Exchange (NAFSE) is the regional network affiliate of experts specializing in fire research, application and management across the United States. NAFSE serves as a platform to encourage “communication between scientists and land managers to ensure access to current research, development of innovative solutions for the region’s unique research and management challenges, and identification of research needs while balancing public safety, economic realities and sustainable ecosystems.”

To strengthen this regional network and increase fire science and management locally, the Commission, in association with Brookhaven National Lab (BNL) and NYSDEC, has been actively engaged in discussions with NAFSE to increase regional representation directly on the Exchange Committee and to increase awareness of and participation by local agencies, organizations and individuals in NAFSE.

In 2016, NAFSE in cooperation with the Commission, BNL and NYSDEC began planning a two day prescribed fire workshop at Brookhaven National Laboratory to be held in the spring of 2017. Workshop presentations will focus on the importance of fire in maintaining diversity, function and persistence of Central Pine Barren ecological communities including healthy and resilient forests, reducing fuel hazard, and managing Southern Pine Beetle infestations.

Compliance & Enforcement

- Continued to report incidents and provide technical assistance, documentation and other support, as needed.
- Provided expertise in a litigation proceeding.

Cartographic Services

- Provided cartographic services related to the Central Pine Barrens boundary, as well as cartographic support for compliance work, stewardship projects, and management planning.

Outreach and Technical Assistance

- Responded to inquiries from the public and agencies on a wide variety of topics, including, but not limited to, invasive species management, geographic information systems, forest health issues, trails and cultural resources.
- Provided assistance in management planning for Hubbard County Park.

Central Pine Barrens Advisory Committee

**Jeffrey W. Szabo, Chief Executive Officer, Suffolk County Water Authority, Chair
Richard L. Amper, Executive Director, Long Island Pine Barrens Society, Vice Chair**

The Pine Barrens Advisory Committee was established in New York State Environmental Conservation Law Article 57, which specifically named the 24 member organizations and authorized up to 28 members. The committee membership is represented by a balance of environmental, civic and builder groups whose purpose is to actively assist and advise the Central Pine Barrens Joint Planning and Policy Commission in the implementation and revision of the Central Pine Barrens Comprehensive Land Use Plan.

During 2016, the Advisory Committee did not conduct any regular meetings. However, during 2016, individual member organizations did continue to provide input to the Commission on a variety of matters, including the Comprehensive Land Use Plan.

Pine Barrens Credit Clearinghouse

James T.B. Tripp, Esq., Senior Counsel, Environmental Defense Fund, Chair
Andrew Freleng, Chief Planner, Suffolk County Division of Planning & Environment, Vice Chair

The Long Island Pine Barrens Protection Act specified the need for land use protection mechanisms to protect the Core Preservation Area that included the purchase of development rights that later came to fruition when the 1995 Central Pine Barrens Comprehensive Land Use Plan was completed and the Pine Barrens Credit Program, a transfer of development rights program, was created. Chapter 6 of the Plan outlines the overall Credit program that defines sending and receiving areas, specifies operating procedures and tracking requirements and includes Credit allocation formulas. The Plan specified a five-member Clearinghouse Board of Advisors to oversee the operation and implementation of the Credit program and is comprised of representatives for the State of New York, the County of Suffolk, and the Towns of Brookhaven, Riverhead and Southampton who are appointed by these entities and serve without compensation.

Owners and purchasers of Pine Barrens Credits transact business in an open market, with all Credits and transactions tracked by the Clearinghouse from “cradle to grave”. The Clearinghouse can choose to actively assist the market by offering to purchase Credits as it has done in prior years. Information on prior Clearinghouse initiatives to purchase Credits is available on the Commission’s website at <https://pb.state.ny.us>.

The Clearinghouse also publishes a monthly Registry which lists potential buyers and sellers of Credits that is also available on the Commission’s website.

Except where noted, all statistics in the report that follows represent the totals from the three participating towns, Brookhaven, Riverhead and Southampton. Overall program statistics that include town level breakdowns and information for 2016 is presented in the program summary table at the end of this section.

2016 Pine Barrens Credit Clearinghouse Report

This report provides a statistical compilation of the Credit Clearinghouse Program's transactions and Core Preservation area parcels that have been preserved since the inception of the program in 1995 and highlights the program's activity specific to 2016. Except where noted, all of the statistics reflect the program's activity across the three participating towns, Brookhaven, Riverhead and Southampton. Individual town level breakdowns referenced in this report are available at the end of this report (Table 1-3).

Acreage Enrolled

As of 1/1/17, there are 953 parcels enrolled in the program, which are now protected from future development or, for partially developed parcels, from further development, since they have conservation easements placed on them. The development potential has been removed from these parcels and translated into Pine Barrens Credits in a certificate form. The owner may either use them directly to develop outside of the Pine Barrens Core Area or they can sell them to a developer who may need



Credits to satisfy town zoning code requirements for extra development density or Suffolk County Department of Health Services sanitary requirements. The total acreage that has been encumbered by conservation easements is approximately 1,987 acres, with an average parcel size of 2.09 acres. From the larger Pine Barrens preservation perspective, these easement protected lands comprise approximately 3.5 % of the statutorily defined 56,836 acre Core Preservation Area.

Credits Issued, Redeemed and In Circulation

Since the start of the Program in 1995 (the first Credits were actually issued in 1996), 989.39 Credits have been issued. Of these, 538.77 have been redeemed (54% of the issued Credits), while the remaining 450.62 Credits remain "outstanding" (i.e., issued but still in private hands and unredeemed). The Pine Barrens Credit Clearinghouse owns 10.19 Credits at this time that were purchased in 2011 through an offer made by the Clearinghouse to spend up to \$1 million to purchase Credits from Credit owners located in the Town of Brookhaven.

During 2016, 57.48 Credits were redeemed. Since only 1.71 Credits were generated in 2016, the net inventory level of the outstanding Credits went down by 55.77 Credits, which pushed the ratio down on the side of unredeemed credits.

Credit Sales and Prices Recorded

There were 41.99 Credits sold during 2016. The average "per Credit" sales price is \$74,000 (with the range from \$49,000 up to \$85,000 "per Credit").

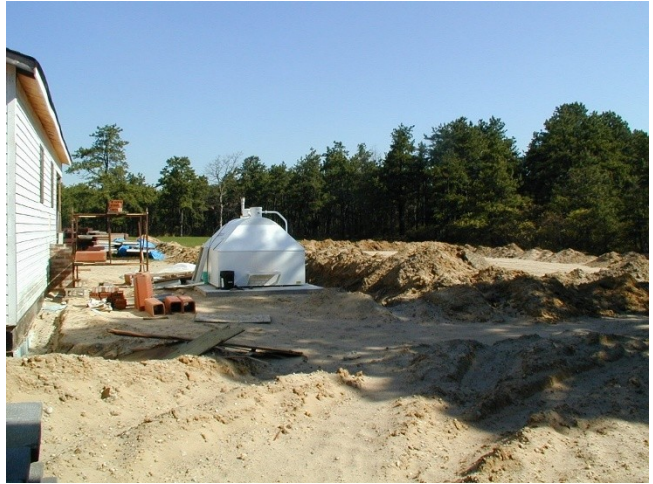
To place this in a historical perspective, this 2016 average unit price is close to the 2012 year level (Table 5). Finally, from the program's inception to 1/1/17, the PBC program has recorded a grand total of almost \$44 million in private sales.

Intermunicipal and Intertown Flows of Credits

As of 1/1/17, a total of 114.99 Credits have crossed a municipal boundary (town or village) from their sending parcels to their receiving parcels, representing approximately 20% of all redeemed Credits, or approximately one in every five redeemed Credits (Table 3).

From a strictly intertown perspective, 88.18 of these 114.99 credits crossed a town boundary, representing 16% of all redeemed Credits, or approximately one in every six redeemed Credits (Table 4).

In 2016, all Credits were redeemed to the Suffolk County Department of Health Services for sewage flow intensity increases.



Clearinghouse Funds

The Clearinghouse currently has approximately \$2.5 million in available funds which are administered by the Suffolk County Treasurer's Office. There were no new deposits or disbursements during 2016.

Easement Compliance and Enforcement (CAE) Activity

The Commission's Compliance and Enforcement Coordinator, working with our Land Use Division, has completed onsite inspections and baseline documentation reports for 931 of the 952 parcels enrolled in the program, or approximately 98% of the parcels.

In 2016, numerous field conditions that could indicate a potential land use incident either related to the easement provisions, affecting nearby parcels or road right of ways have been documented and addressed through the CAE Division's Incident Reporting system.

These formal incident reports are then tracked until the field condition is resolved, usually in close coordination with public lands managers, highway departments, parks departments, environmental conservation police or other agencies. Typical conditions include clearing, dumping, off road vehicle violations, vandalism or public property damage.

Table 1: Easement Protected Lands and Pine Barrens Credits As of January 1, 2017

	Brookhaven	Riverhead	Southampton	Total	2016
Parcels	494	35	424	953	4
Acreage	771.61	516.51	699.13	1987.25	3.45
Average parcel size	1.56	14.76	1.65	2.09	-0.01
Credits generated	521.32	172.29	295.78	989.39	1.71
Credits redeemed	289.38	122.85	126.54	538.77	57.48
Credits not redeemed	231.94	49.44	169.24	450.62	-55.77
Credits sold	468.09	214.14	228.41	910.64	41.99
Total value of PBC transactions through this date	\$21,751,694	\$7,595,747	\$14,788,030	\$44,135,471	\$3,108,900
Credits owned by the Clearinghouse	10.19	-	-	10.19	

*Please note that Credits can be sold multiple times until they are redeemed.

Table 2: 2016 Pine Barrens Credits Statistics by Towns

	Brookhaven	Riverhead	Southampton	Total
Parcels	1	0	3	4
Acreage	0.34	0.00	3.11	3.45
Credits generated	1	0	0.71	1.71
Credits redeemed	17.89	35.42	4.17	57.48
Credits sold	30.85	6.26	4.88	41.99
Total value of PBC	\$2,378,550	\$406,900	\$323,450	\$3,108,900
Average value per Credit	\$77,100.49	\$65,000.00	\$66,280.74	\$74,039.06

Table 3: Intermunicipal Flows of Pine Barrens Credits as of 1/1/2017

Destinations	Originating from			Totals
	Brookhaven	Riverhead	Southampton	
Babylon (District 100)		2.71		2.71
Brookhaven Unincorporated (District 200)		28.85	13.64	42.49
South Country Village (202)	0.54			0.54
Patchogue Village (204)	0.2			0.2
East Hampton Village (302)			2.75	2.75
Huntington Unincorporated (400)		1		1
Islip Unincorporated (500)	11.22	15.41	7.13	33.76
Hauppauge Village (504)	0.53		1.17	1.7
Riverhead Unincorporated (District 600)	3.05		0.16	3.21
Smithtown Unincorporated (800)			0.1	0.1
Southampton Unincorporated (District 900)	0.46			0.46
Quogue Village (902)			0.37	0.37
Southampton Village (904)			18.15	18.15
Westhampton Beach Village (905)			7.55	7.55
Totals	16	47.97	51.02	114.99

Table 4: Intertown Flows of Pine Barrens Credits as of 1/1/2017

Destinations	Originating from			Totals
	Brookhaven	Riverhead	Southampton	
Babylon (District 100)		2.71		2.71
Brookhaven (District 200)		28.85	13.64	42.49
East Hampton Village (302)			2.75	2.75
Huntington (District 400)		1		1
Islip (District 500)	11.22	15.41	7.13	33.76
Hauppauge Village (504)	0.53		1.17	1.7
Riverhead (District 600)	3.05		0.16	3.21
Smithtown (District 800)			0.1	0.1
Southampton (District 900)	0.46			0.46
Totals	15.26	47.97	24.95	88.18

Table 5: Pine Barrens Credit Sales 1996 through 2016

Year	Brookhaven Town			Riverhead Town			Southampton Town			Totals		
	# PBCs	Sales Value	Avg PBC Value	# PBCs	Sales Value	Avg PBC Value	# PBCs	Sales Value	Avg PBC Value	# PBCs	Sales Value	Avg PBC Value
1996	1.00	7,500.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	7,500.00	7,500.00
1997	31.18	383,140.00	12,288.01	56.17	561,700.00	10,000.00	4.52	48,814.00	10,799.56	91.87	993,654.00	10,815.87
1998	67.88	1,016,760.00	14,978.79	0.10	500.00	5,000.00	5.84	57,500.00	9,845.89	73.82	1,074,760.00	14,559.20
1999	54.95	1,445,902.00	26,313.05	18.19	245,600.00	13,501.92	0.72	8,050.00	11,180.56	73.86	1,699,552.00	23,010.45
2000	36.29	1,280,211.00	35,277.24	6.00	102,000.00	17,000.00	9.71	194,200.00	20,000.00	52.00	1,576,411.00	30,315.60
2001	29.04	1,142,000.00	39,325.07	7.00	118,000.00	16,857.14	0.89	19,900.00	22,359.55	36.93	1,279,900.00	34,657.46
2002	49.56	1,973,400.00	39,818.40	26.98	485,640.00	18,000.00	1.77	53,800.00	30,395.48	78.31	2,512,840.00	32,088.37
2003	60.02	2,920,350.00	48,656.28	0.00	0.00	0.00	2.84	173,450.00	61,073.94	62.86	3,093,800.00	49,217.31
2004	16.85	1,209,550.00	71,783.38	6.00	288,000.00	48,000.00	10.59	912,700.00	86,185.08	33.44	2,410,250.00	72,076.85
2005	2.00	232,500.00	116,250.00	2.15	146,000.00	67,906.98	38.89	2,877,900.00	74,001.03	43.04	3,256,400.00	75,659.85
2006	7.50	830,000.00	110,666.67	1.00	70,000.00	70,000.00	53.80	3,779,750.00	70,255.58	62.30	4,679,750.00	75,116.37
2007	13.68	1,353,000.00	98,903.51	2.10	208,000.00	99,047.62	16.55	1,488,350.00	89,930.51	32.33	3,049,350.00	94,319.52
2008	5.50	456,000.00	82,909.09	0.00	0.00	0.00	9.85	795,450.00	80,756.35	15.35	1,251,450.00	81,527.69
2009	13.24	1,060,650.00	80,109.52	1.64	123,000.00	75,000.00	3.84	299,786.00	78,069.27	18.72	1,483,436.00	79,243.38
2010	3.11	251,622.49	80,907.55	0.40	26,000.00	65,000.00	47.57	2,607,030.00	54,804.08	51.08	2,884,652.49	56,473.23
2011	26.32	2,316,926.41	88,029.12	0.00	0.00	0.00	3.02	195,000.27	64,569.63	29.34	2,511,926.68	85,614.41
2012	6.55	486,000.00	74,198.47	0.00	0.00	0.00	8.20	602,000.00	73,414.63	14.75	1,088,000.00	73,762.71
2013	5.99	439,620.00	73,392.32	9.24	541,450.00	58,598.48	3.15	210,500.00	66,825.40	18.38	1,191,570.00	64,829.71
2014	5.59	488,562.50	87,399.37	43.91	2,729,570.00	62,162.83	0.78	55,400.00	71,025.64	50.28	3,273,532.50	65,106.06
2015	0.99	79,450.00	80,252.53	27.00	1,543,387.50	57,162.50	1.00	85,000.00	85,000.00	28.99	1,707,837.50	58,911.26
2016	30.85	2,378,550.32	77,100.50	6.26	406,900.00	65,000.00	4.88	323,450.00	66,280.74	41.99	3,108,900.32	74,039.06
Totals	468.09	21,751,694.72	46,469.04	214.14	7,595,747.50	35,470.94	228.41	14,788,030.27	64,743.36	910.64	44,135,472.49	48,466.43

Pine Barrens Law Enforcement Council

Capt. Dallas Bengel, NYS EnCon Police, Chair

Lt. Michael Smith, Suffolk County Sheriff's Office, Vice Chair

Arthur Pendzick, Deputy Director, Suffolk County Park Rangers, Vice Chair

There are more than two dozen different law enforcement, public safety, and environmental agencies that have enforcement jurisdiction or responsibilities within the Central Pine Barrens. In 1994, the Pine Barrens Law Enforcement Council was created bringing all these agencies together as the primary means of communication and exchange of ideas to better protect and safeguard the Central Pine Barrens. Through this interagency cooperation, illegal All-Terrain Vehicle and off-road vehicle use, dumping, encroachment, illegal land clearing, hunting violations, homeless encampments and many other problems are successfully addressed every year.

As needed, creative ideas are utilized to address unique issues. For example, a multi-agency task force was created to combat illegal ATV and off-road activity as well as other problems which plague the environmentally sensitive lands of the Central Pine Barrens. Monthly meetings are held to discuss, critique and plan on how to effectively continue to combat environmental crimes in the Central Pine Barrens.

The Law Enforcement Council Report for 2016 is provided on the pages that follow.



ATV damage causing erosion and damage to the understory of the woods

The Central Pine Barrens Law Enforcement Council

The Pine Barrens Law Enforcement Council was created in 1994 when members from several law enforcement agencies met to discuss the unique issues relating to the enforcement of existing laws that preserve and protect Long Island's Central Pine Barrens. Laws and regulations from New York State, Suffolk County and the various towns that are apart of the Central Pine Barrens are used to protect this valuable resource, but coordination was needed for the officers to have all the tools necessary in pursuing this mission. The sharing of these many laws and regulations, pertinent information and the use of multi-agency details have helped towards the successful apprehension and prosecution of violators and protection of these pristine lands. To that end, the Pine Barrens Law Enforcement Council was created, growing to 26 member agencies which include police departments, code enforcement, military and other law enforcement, regulatory and security agencies that encompass the Central Pine Barrens. Of course, the many civilian attendees of these meetings, from local civic associations, mountain bike and hiking groups, and the people and/or other user groups that care about the Central Pine Barrens, are the eyes and ears for law enforcement. The Pine Barrens Law Enforcement Council could not survive if not for the diligence of our civilian counterparts.

The Pine Barrens Law Enforcement Council Chair is currently Capt. Dallas Bengel of New York State Environmental Conservation Police. Co Vice-Chairs are Deputy Director Arthur Pendzick of the Suffolk County Park Rangers and Lt. Michael Smith of the Suffolk County Sheriff's Office. The Council is very lucky to have John Pavacic, the Executive Director of the Central Pine Barrens Commission, Enforcement Coordinator Larry Hynes and Administrative Specialist, Kathy Delligatti, to assist, guide and record all the activities of the Law Enforcement Council.

When the Suffolk County Park Police was absorbed by the Suffolk County Police in October of 2014, the pine barren council's main complaint call-in number, 1-877-BARRENS, became non-functional. In June, 2015, Suffolk County Sheriff's Office agreed to take over the responsibility of this valuable public resource. By October of 2015, the phone number was up and running, and again receiving and distributing complaints to the appropriate agencies.

The council recognized a need for a special law enforcement portion of their meetings where confidential issues and other related information could be discussed. As such, the Council went to a separate law enforcement and public meetings format in 2015, where the first part of the meeting was for law enforcement personnel only and the second part was open to the public. This was revamped again in 2016 and there are now four law enforcement only meetings and four general public meetings that are held on a rotating schedule. This schedule appears to be in the best interest of both the law enforcement members and our partners in the local communities and user groups.

The PBLEC Handbook has been updated with the most current information of representative agency member contact numbers, enforcement sections and other pertinent information.



Abandoned vehicle being airlifted out of the Central Pine Barrens by an NY Army National Guard helicopter

The Environmental Benefit Fund

The Pine Barrens Law Enforcement Council's Environmental Benefit Fund's account for the start of 2016 was \$37,635.15. The council has been very frugal again in spending this money, staying at least several thousand dollars below the cap for the last several years. This past year has been no exception, as our total spending in 2015 was \$9,597.96. There were two purchases made this past year, a Polaris 450 ATV for NYSDEC's Division of Law Enforcement totaling \$6,097.96 and a trailer for the New York State Troopers totaling \$3,500. The fund benefitted greatly from an asset forfeiture of \$30,000 due to the closure of an environmental case. A total of \$58,129.64 remains in the EBF at the close of 2016.

Activities for 2016

Enforcement

As usual, illegal ATV operation has been the foremost focus of the Pine Barrens Law Enforcement Council for 2016. Multi-Agency Task Force ATV Details have resulted in a total of 64 illegal ATVs being impounded and 180 ATV-related summonses issued. Since their inception, these Multi-Agency ATV Details have impounded 1,140 illegal ATVs and issued 2,889 ATV related summonses.

Illegal off road 4x4 vehicle apprehensions in 2016 increases to 30 with 47 related summonses issued, with three impounds and 4fourarrests. The total off road vehicles apprehended increased to 99 illegal 4x4 apprehensions and 151 associated summonses issued.

Also in 2016, the Multi-Agency ATV details, have been responsible for nine physical arrests that resulted in five Felony and 18 Misdemeanor charges being lodged. Two field appearance tickets for minor drug offenses were also issued.



Unfortunately, on one of these details in March of 2016, an officer was struck by a fleeing illegal 4x4. NYS Encon Officer Travis McNamara was interviewing the lead driver of a group of three illegal 4x4s when they all decided to flee. The driver that Officer McNamara was speaking with suddenly put his truck in reverse, striking the officer, who suffered broken bones in his ankle. His partner, Trooper Fabio Daino, pursued and apprehended all of the vehicles. The driver of the vehicle that struck the officer was arrested and charged with felony assault, among a multitude of other violations. Officer McNamara returned to work just a few days before Christmas.

In spite of this injury, overall, 2016 was a hugely successful year for PBLEC's Multi-Agency details. Agency participation was the best ever and the co-operation between officers and agencies has never been better.

Suffolk County Sheriff's Office Lt. Michael Smith coordinates an average of 2 commercial vehicle inspection details each month, weather permitting, within the Core Preservation Area of the Central Pine Barrens. One special detail held on May 20th was a joint enforcement effort for the Pine Barrens law Enforcement Council and included the Suffolk County Sheriff's Of

force, New York State D.O.T., Encon Police, Forest Rangers, Troopers, Taxation and Finance and Suffolk County Park Rangers. Thirty-eight trucks were inspected, resulting in 14 placed out of service for safety issues, and 118 summonses issued. The total statistics for the Sheriff's Office details are 482 trucks inspected with 157 trucks placed out of service, 5 arrests and 469 summonses issued. These details have a direct impact upon our Long Island Pine Barrens, because the discovered safety issues can affect the safety of our resource users, and faulty equipment can and does affect our ground-water and air quality, not to mention the plants and animals that inhabit Long Island's remaining natural areas.

The aforementioned enforcement details only highlight two of the many other enforcement details undertaken by council members in 2016. There were many smaller ATV and 4x4 details completed by a single or a couple of agencies to address local/current issues. Also, there were several fish and wildlife details, at times utilizing undercover officers and at other times using an animal decoy. Plus, the Suffolk County Sheriff's Office has dedicated enforcement teams to patrol the Pine Barrens.

Dumping is and always will be an issue in the Central Pine Barrens. Despite the many legal ways to dispose of waste, some individuals feel the need to dump their trash or waste in the Central Pine Barrens. This past year, there has been an influx of "dirty fill", which is actually construction and demolition debris in dirt form. Look closely and you will see processed wood, pieces of ceramic tile, pieces of plastic plumbing pipe, metals and even asbestos fibers. These materials can also contain heavy metals, pcbs, petroleum and other cancer-causing agents. Other dumped materials include household garbage, defunct vessels and vehicles, and the more traditional construction and demolition debris. The officers go to great lengths to apprehend these violators, often sifting through household garbage, tracking down receipts or running hull numbers, many times with positive results.

Below are the total statistics for the Pine Barrens Law Enforcement Council's enforcement efforts.

PBLEC ENFORCEMENT STATISTICS- 2016

Total for all reporting Agencies

336 Total # ATV complaints received	
410 Total # ATV related summonses	
73 Total # ATVs impounded	
2 Total # ATV related injuries	0 #ATV Fatalities
2 Stolen ATVs recovered	33 #ATVs reported stolen
4 Stolen vehicles recovered	
52 Illegal off road/4x4summonses/incidents	0 4x4 impounds
508 Arson/fire incidents	
67 Illegal dumping summonses/arrests/incidents	
69 Fish and Wildlife summonses/arrests	
55 Firearms & other weapons incidents	
85 All other ECL summonses/arrests	

29 Trespass summonses/arrests
28 Encroachments/ other property incidents
12 Illegal wood cutting summonses/arrests/incidents
17 Homeless summonses/arrests/incidents
74 Illegal drug summonses/arrests/incidents
950 Penal law misdemeanors
150_Penal law felonies

Training, Mitigation, Aviation, Projects

The Suffolk County Sheriff's Office has continued to provide certified ATV training to members of the council and other volunteers such as local fire and ambulance department personnel. This training is conducted at Gabreski Airport in Westhampton Beach.

The council continues to work with the Protected Land Council, implementing various ideas and projects to reduce the negative impacts of violators to the Central Pine Barrens.

NYS Encon Police again provided fish and wildlife enforcement training of the Council members.

The council continues to support the amendments to Article 57 of the Environmental Conservation Law, which addresses enforcement issues directly related to Long Island's Central Pine Barrens.

The New York State Forest Rangers, along with personnel from the state and county levels, continue to be heavily involved in efforts to slow the spread of the Southern Pine Beetle infestation within the Central Pine Barrens.

On June 10, 2016, four abandoned/stolen vehicles were removed from Rocky Point State Forest, one from Brookhaven State Park and another from the Otis Pike Preserve. The landing area was Currans Field and Spring Meadows. A big thank you to the Army National Guard, Aviation Facility #1, for making this happen.

2016 11th Annual Officer of the Year Awards

New York State Environmental Conservation Police Officer Timothy Fay For Continuous Significant Environmental Enforcement Activity

ECO Fay is a steady presence in the Pine Barrens, constantly volunteers and participates on ATV details, tracks down poachers and dumpers and has more tickets and arrests within the Pine Barrens than any other DLE Officer. Recently, he has identified and stopped a major dumper of C&D in Manorville.

**New York State Police Officer Paul M. Jaeger
For Significant Contribution to Environmental Enforcement Efforts within the Central
Pine Barrens**

Trooper Jaeger has been a regular participant on the Multi-Agency ATV details this past year and because of his aggressive enforcement, both on and off these details, has been responsible for numerous ATV impounds and associated violations within the Central Pine Barrens.

**Suffolk County Deputy Sheriff Paul Schultz
For Continuous Significant Environmental Enforcement Activity**

Deputy Schultz has been a regular and productive participant on the Multi-Agency ATV details resulting in numerous ATV impounds and associated summonses. He is also assigned to patrol the Pine Barrens in his regular patrol functions and works on the Sheriff's "Commercial Vehicle Equipment" details, inspecting large trucks which travel throughout the Central Pine Barrens.

**Suffolk County Park Ranger Joseph Augugliaro
For Continuous Significant Environmental Enforcement Activity.**

Ranger Augugliaro has volunteered to work every ATV detail this past year and has been one of the most productive officers in ATV impounds and associated summonses. He has shown great dedication and enthusiasm in the enforcement of ATV and other environmental laws.

**Suffolk County Police Officer James E. Skidmore
For Continuous Significant Environmental Enforcement Activity**

PO Skidmore is assigned to patrol the Manorville area has paid particular attention to enforcement within the Pine Barrens impounding a dozen illegal ATV's and issuing several dozen associated summonses. He routinely conducts surveillance where illegal dumping activity has taken place and works with outside agencies.

**New York State Trooper Fabio Daino
Officer of the Year**

New York State Trooper Fabio Daino was the Pine Barrens Law Enforcement Council's selection as Officer of the year. His selection could readily be based alone on a single significant activity within the Pine Barrens due to his apprehension of the driver of the illegal 4x4 who struck the Encon Officer and he could also have been considered for continuous Significant Enforcement Activity due to his omnipresence within the Pine Barrens and contributions with the multi-agency ATV details, with numerous arrests and summonses. Besides the enforcement side of his efforts, he is constantly at the Suffolk County District Attorney's Office seeking positive results on behalf of all the members of the Council. In short, the biggest force against illegal activity within the Pine Barrens by a Law Enforcement member in 2016.

In Closing

The partnership this council affords its members has time and time again proven to be extremely effective in combating the individuals responsible for desecrating the Central Pine Barrens. An extremely high level of commitment is necessary from the participating members to create the high level of success that the council has in apprehending these violators. This success would not be possible if not for these partnerships, not just the partnership between the law enforcement agencies but also our civilian counterparts that attend these meetings. They are the eyes and ears of law enforcement, and an extremely high percentage of our cases come from their tips and information.

Then there is the partnership of our support personnel, namely John Pavacic, Executive Director of the Central Pine Barrens Commission, Larry Hynes, Compliance and Enforcement Coordinator and administrative staff Kathy Delligatti and Carol Ostrowski. Without their assistance and direction to the PBLEC, we would enjoy much less success, and our success would go unnoticed.

Special thanks go to Suffolk County Parks Superintendent Tony Trotta, for his mechanical expertise and impounds of the apprehended ATVs during our enforcement details.

Also, none of this would be possible without the support and direction of the Central Pine Barrens Commission. Without their support, the council would not have the necessary equipment or the administrative help that is required to run a successful campaign. Without their political support, the council would be severely limited in acquiring the tools necessary in apprehending and prosecuting these violators.

Every one of these partnerships is necessary for the success of the Pine Barrens Law Enforcement Council. We have accomplished much, but there is still much work to do. We are up to the challenge.

Wildfire Task Force

Chip Bancroft, Chair

Edward Schneyer, Director SCFRES Emergency Preparedness, Co-Vice Chair

Captain Timothy Byrnes, NYSDEC Forest Rangers, Co-Vice Chair

The Wildfire Task Force is one of the Commission's larger Councils with 43 members comprised of public and private agencies and local fire departments. The breakdown of the organizations represented on the task force is presented in Table WF-1.

The task force was created after the 1995 wildfires to bring all fire service-related entities together to provide for pre-wildfire suppression planning and response in the Central Pine Barrens and to address wildfire prevention planning provisions called for by the Long Island Pine Barrens Protection Act. The Task Force accomplished this goal through the preparation of a Central Pine Barrens Fire Management Plan which was completed in 1999, leading to the creation of several subcommittees to carry out the plan. A copy of the Fire Management Plan is available from the document library on the Commission website at <https://pb.state.ny.us>.



2015 Brushfire in the Dwarf Pine Plains in Westhampton

The Wildfire Task Force meets approximately four times annually on weekday evenings, with the locations varying among fire houses and agency offices. Specialized committees also exist, which meet on schedules that are established separately from the task force.

The task force has the following standing subcommittees:

- Firewise and Wildfire Prevention Subcommittee
- Fire Weather Subcommittee
- Prescribed Fire Subcommittee
- Training Subcommittee
- Water Supply Subcommittee (temporary)
- New York Wildfire and Incident Management Academy

Wildfire in the Central Pine Barrens

Wildfire is a natural process in the fire-adapted Central Pine Barrens. However, due to a community's close proximity to this fire-prone ecosystem, wildfires can pose a risk to area residents and property. The abundance of fire-dependent vegetation, extensive wildland urban interface, fire history, and other factors have led the New York State Firewise Council to declare the eastern portion of Long Island, which is dominated by the Central Pine Barrens Area, as the number one community in the state at risk for damage to and loss of property due to wildfire.

Table WF-1
Central Pine Barrens Wildfire Task Force

Federal Organizations (6)	Brookhaven National Laboratory Fire Rescue Group (<i>p/o of Emergency Services Division</i>) National Weather Service New York Air National Guard 106th Rescue Wing New York Army National Guard Aviation Support Facility #1 United States Fish and Wildlife Service (<i>Long Island Refuge Complex</i>) United States Forest Service																
State Organizations (5)	New York State Department of Environmental Conservation New York State Emergency Management Office New York State Office of Fire Prevention and Control New York State Office of Parks, Recreation, and Historic Preservation Suffolk County Water Authority																
County Organizations (5)	Suffolk County Department of Fire, Rescue and Emergency Services Suffolk County Fire Academy Suffolk County Department of Parks, Recreation and Conservation Suffolk County Police Department Arson Squad Suffolk County Arson Task Force																
Town Organizations (3)	Brookhaven Town Fire Marshal (<i>Dept. of Public Safety, Div. of Fire Prevention</i>) Riverhead Town Fire Marshal (<i>part of Building Department</i>) Southampton Town Fire Marshal (<i>part of Public Safety Department</i>)																
Fire Departments (15)	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Brookhaven Fire Department</td> <td style="width: 50%;">Quogue Fire Department</td> </tr> <tr> <td>East Quogue Fire Department</td> <td>Ridge Fire Department</td> </tr> <tr> <td>Eastport Fire Department</td> <td>Riverhead Fire Department</td> </tr> <tr> <td>Flanders Fire Department</td> <td>Rocky Point Fire Department</td> </tr> <tr> <td>Gordon Heights Fire Department</td> <td>Wading River Fire Department</td> </tr> <tr> <td>Hampton Bays Fire Department</td> <td>Westhampton Beach Fire Department</td> </tr> <tr> <td>Manorville Fire Department</td> <td>Yaphank Fire Department</td> </tr> <tr> <td>Middle Island Fire Department</td> <td></td> </tr> </table>	Brookhaven Fire Department	Quogue Fire Department	East Quogue Fire Department	Ridge Fire Department	Eastport Fire Department	Riverhead Fire Department	Flanders Fire Department	Rocky Point Fire Department	Gordon Heights Fire Department	Wading River Fire Department	Hampton Bays Fire Department	Westhampton Beach Fire Department	Manorville Fire Department	Yaphank Fire Department	Middle Island Fire Department	
Brookhaven Fire Department	Quogue Fire Department																
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Hampton Bays Fire Department	Westhampton Beach Fire Department																
Manorville Fire Department	Yaphank Fire Department																
Middle Island Fire Department																	
Fire Councils (5)	Brookhaven Town Fire Chiefs Council Chiefs Council of Suffolk County NY Riverhead Town Fire Chiefs Council Southampton Town Fire Chiefs Council Suffolk County Fire District Officers' Association																
Commission Councils (3)	Law Enforcement Council Protected Lands Council New York Wildfire and Incident Management Academy																
Private Organization (1)	The Nature Conservancy (Long Island Chapter)																
Executive Board	Chair & two Co Vice Chairs																

More than 800 brush fires typically occur every year during the spring and summer in Suffolk County. In 1995, the Rocky Point and Sunrise Fires burned over 5,000 acres and continued to burn for several days. These wildfires resulted in extensive evacuations, property loss and damage, the closure of major transportation routes in the area and significant economic impacts to local businesses, tourism and residents.

In April, 2012, the Crescent Bow wildfires in the Ridge and Manorville areas burned over 1,200 acres which again resulted in evacuations of homes and significant damage to property and natural resources.

In the wake of the April 2012 Crescent Bow Fire, the Commission developed a multi-pronged strategy to deal with the on-going wildfire threat which the Commission continues to carry out in 2016. The strategy includes:

- Providing increased and enhanced training for volunteer firefighters and first responders via the Commission's Wildfire and Incident Management Academy;
- Expanding the use of prescribed fire to reduce wildfire fuel loads;
- Reinvigorating the Central Pine Barrens Fire Management Plan and its implementation;
- Expanding the establishment of Firewise Communities programs; and
- Supporting enhancing water supply resources for wildfire fighting efforts.

2016 Summary of Wildfire Task Force Activities

During 2016, the Wildfire Task Force entered a period of transition. The Wildfire Task Force was unable to conduct a meeting during the year and in the latter part of the year, the Wildfire Task Force chairman resigned.

However, in spite of these issues, the work put in motion by the Wildfire Task Force over the last several years continued to advance through the work of Commission staff and personnel from specific member agencies. This work is described in greater detail below.

Firewise and Wildfire Prevention

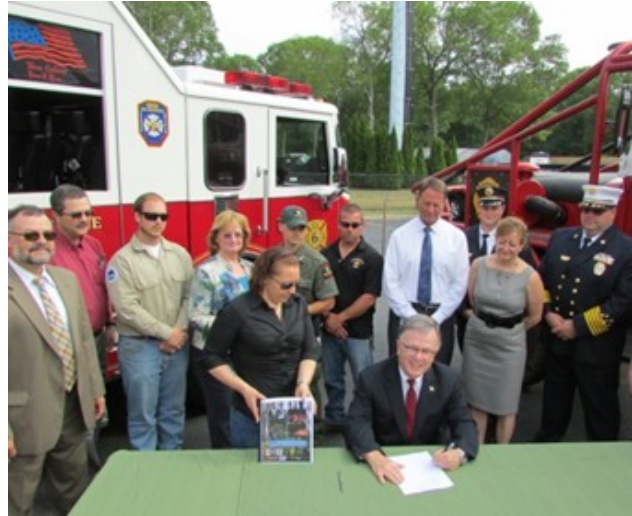
Firewise and the Firewise Communities program offers residents in the fire-prone Central Pine Barrens a unique opportunity to implement practices which will help prepare a home for a wildfire *before* it occurs. Homeowners can significantly increase the ability of their homes to survive a wildfire by implementing Firewise measures on their property. These can include measures such as removing dead leaves and dead brush, cleaning out gutters, moving wood piles away from the house and other similar, basic, good property maintenance measures. Homes and communities that have adopted the Firewise approach allow firefighters to concentrate on fighting the wildfire, which ultimately saves more residences and lives. The Firewise program draws on a community's spirit and its willingness to take some of the responsibility for reducing wildfire risks and can be tailored to a community's specific needs. Information on the Firewise and Firewise Communities USA program is available on the Firewise website at <http://firewise.org>.



The Commission has included outreach to local communities located in wildland urban interface areas in the Central Pine Barrens on Firewise and Firewise Communities program as part of its multi-prong strategy to deal with the on-going wildfire threat.

In the first half of 2016, the Commission completed the preparation of a Community Wildfire Protection Plan (CWPP) in the hamlets of Ridge, Manorville and Calverton, located within the Towns of Brookhaven and Riverhead. The Commission subsequently adopted a resolution to formally accept the plan at its meeting of June 15, 2016.

On June 23, 2016 a formal signing ceremony was conducted at the Ridge Fire Department where the plan was signed by agency representatives including the Chairwoman of the Commission and NYSDEC Regional Director, the Assistant Director of the New York State DEC Forest Rangers, the Regional Director of the New York State Office of Parks, the Associate Director of Brookhaven National Laboratory, a member of the Ridge Fire District Board of Commissioners and a member of the Manorville Fire District Board of Commissioners.



CWPP Signing Ceremony on June 23, 2016

The CWPP makes recommendations to public land managers and local residents on strategies for reducing the area’s wildfire risk, including wildfire mitigation measures to be implemented on large wooded or natural public lands that are within the wildland urban interface area (locations where development is adjacent to wooded areas in the Central Pine Barrens) to provide protection for residents and businesses that are adjacent to these areas.

In addition, the CWPP provides information on how to reduce risks to public safety and property and contains an area-specific community level risk assessment that includes a wildfire hazard risk assessment and identifies measures to reduce structure flammability and hazardous fuels (vegetation), in addition to community preparedness through public outreach. The CWPP also provides public outreach strategies to educate Ridge, Manorville and Calverton residents on how to create a “survivable or defensible” space around their homes to reduce damage and loss from wildfire.

The completion and adoption of the CWPP rendered the study area eligible for federal funding to help implement mitigation measures identified in the plan. Soon after the CWPP’s approval, Commission staff began to commence plan implementation by beginning to conduct detailed, site-specific individual home assessments in the plan area for homeowners who requested this service. A detailed report was provided to participating homeowners identifying specific threats that may render their properties more vulnerable to wildfire damage and also identified specific measures that could be undertaken to ameliorate these conditions. In 2017, the Commission intends to use some remaining federal grant money to help defray some of the costs incurred by participating homeowners who implement home assessment Firewise-type recommendations.

In addition to the homeowner assessments, the Commission is working with NYSDEC to formulate and fund fuel reduction plans (which will also accomplish ecological restoration goals) for a portion of the southeast quadrant of DEC’s Rocky Point Pine Barrens State Forest, which is

within the CWPP plan area. As such, these plans will also help implement some of the physical work recommendations in the CWPP.

Fire Weather

The Commission continues to operate a fire weather station located in Eastport. Data from this weather station is used to determine the daily fire danger rating for the Central Pine Barrens. The fire danger rating translates weather and vegetation conditions (fuels) into how difficult a wildfire would be to control should a fire start occur. This data is sent daily from the Commission staff to Suffolk County Fire, Rescue and Emergency Services which in turn dispatches this information to the local fire service community.

In addition, Commission staff sends this report by email and fax to over 50 recipients comprised of local fire departments, public land managers and other interested individuals. The local fire service community uses this information for pre-planning fire suppression resources during dry weather and vegetation conditions when vegetation can more readily ignite and spread into a large wildfire.

In 2016, the Commission performed significant upgrades to the fire weather station which included the installation of a completely new and much sturdier platform and replacement of specific instruments with new, state-of-the-art versions.

Fire weather information is also placed on four Smokey Bear fire danger signs located near the entrances to Sears Bellows County Park and Southaven County Park, along William Floyd Parkway (aka County Road 46) near the entrance to Brookhaven National Laboratory, and on Old Riverhead Road (aka County Road 31) in front of the Commission's office, to inform the public.

The fire danger rating reports are based largely on the statistical evaluation of historic fire weather data and its relationship to historic fire occurrence data that is compared to the daily fire weather data readings, the current National Weather Service fire weather forecast, the number of days since the last significant rain event and the current live fuel (vegetation) conditions, along with other factors. Grass conditions are monitored in the spring since this is typically where a significant number of fire starts occur. In May, the potential for brush fires diminishes as the leaves on the trees, brush and other vegetation open up fully since the new leaves contain a lot of moisture. During the summer, brush conditions are monitored and fire danger reports are issued based on this fuel type.



The local fire service and public land managers may, based on this fire danger information, decide to increase patrols in certain areas, pre-stage equipment or even close or limit access to public land.

From late March to mid-April, there were a number of periods of both moderate and high fire danger levels. This was again exacerbated by the severe drought conditions that the National Weather Service had indicated were present for Long Island during this time period. Since the tree and brush leaves were completely open by early June, the fire danger remained low to moderate for most of the rest of the year through November with a few individual high fire danger days occurring in July and August.

Prescribed Fire Subcommittee

The New York State Department of Environmental Conservation is currently the primary agency performing prescribed fires within the Central Pine Barrens. These prescribed fires help maintain the ecological health of natural areas, are used for ecological restoration, and assist with reducing the amount of vegetative fuel build up in an area which in turn will reduce the potential fire intensity in an area should a wildfire occur.



In 2016, four acres of New York State DEC lands in the Central Pine Barrens were burned as part of a prescribed fire treatment conducted during the October NYWIMA Academy.

It is expected that NYSDEC will be able to conduct significantly more burns in 2017 due to the recent qualification of a local forest ranger as an Advanced Wildland Firefighter 1 (FFT1).

Training Subcommittee

The primary focus of this subcommittee is to provide wildfire firefighting training with the New York Army National Guard and the New York Air National Guard using helicopters equipped with water buckets. The training includes the local fire departments and agencies which are members of the Wildfire Task Force and the Law Enforcement Council, which learn about the protocols that must be followed in order to obtain a helicopter with a water bucket to a scene during a wildfire. Attempts are made to provide this training every one to two years depending on the availability of the National Guard. The training helps the Guard obtain specific qualification training they need. During 2016 no helicopter water bucket training exercises were conducted due to the lack of availability of the Guard.

New York Wildfire and Incident Management Academy

William Fonda, NYSDEC, Regional Citizen Participation Specialist,
Academy Coordinator

Kathy Delligatti, Central Pine Barrens Commission, Assistant Academy
& Administrative Specialist



The New York Wildfire and Incident Management Academy (NYWIMA) was established in 1998 with the following goal:

“The Academy’s goal is to provide for a safe learning environment for Wildland Firefighters and Incident Managers and to foster greater networking opportunities and partnerships between participants from federal, state and local agencies.”

To aid in achieving this objective, NYWIMA is managed to mirror an actual incident utilizing the Incident Command System under the direction of an Incident Management Team (IMT). The IMT reflects the interagency and cooperative nature of today’s incident management philosophy with team members participating from federal, state, and local agencies.

Academy Objectives:

- Train students to National Wildfire Coordinating Group Standards.
- Develop qualified trainers and instructors for wildfire and incident management courses.
- Develop awareness of fire management and fire fighting safety among fire fighting organizations and public officials.
- Encourage interagency cooperation, coordination, exchange of experience, education and technology transfer from all levels of government.
- Develop a group of interagency leaders to build upon the first four objectives in the metropolitan New York and Northeast Region.

The Central Pine Barrens Commission's Wildfire Task Force operates the Academy with a consortium of federal, state and county agencies including:

Federal: Brookhaven National Lab, Bureau of Land Management, National Park Service, United States Coast Guard, United States Forest Service, United States Fish and Wildlife Service, Northeast Forest Fire Protection Compact

State: Massachusetts Department of Environmental Management, New Jersey Forest Fire Service, New York State Department of Environmental Conservation (NYSDEC), New York State Division of Homeland Security and Emergency Services, New York State Office of Fire Prevention and Control

City, County and Other Organizations: Fire Department of New York, Suffolk County Department of Fire, Rescue, and Emergency Services, Suffolk County Department of Parks, Nassau County Office of Emergency Management and the Colorado Wildfire Academy.

For course and registration information for the current year, interested persons can visit the Academy section on the Commission’s website at <https://pb.state.ny.us> or contact the Academy Coordinator by phone at 631-769-1556 or by e-mail at nywima@pb.state.ny.us.

2016 NY Wildfire and Incident Management Academy

In 2016, the Academy offered the following training opportunities on Long Island:

- Spring 2016 Training
- October – Annual 10-day training period
- Additional outside classes

The statistics for these training events includes the number of instructors and students and is provided below along with a listing of the courses that were held during the annual October 2016 Academy.

2016 Spring Training

A Brush Truck Training Course was conducted on March 19, 20 and 26, 2016 at the NYWIMA Brush Truck Course in Yaphank, via the Commission-Suffolk County Memorandum of Understanding. This course was instructed by a National Wildfire Coordinating Group-qualified instructor and received assistance for the field day from local NYSDEC Forest Rangers. The Brush Truck Training program was again successfully accomplished and entailed participation from four volunteer fire departments. Participating fire departments included:

- East Moriches Fire Department
- Manorville Fire Department
- Bohemia Fire Department
- Holbrook Fire Department

The Brush Truck Training course was designed and laid out in the field on a site which is completely wooded, offering a genuine brush truck driving experience. The training site is located adjacent to the County's Fire, Rescue and Emergency Services department and the Suffolk County Fire Academy in Yaphank. The course was utilized by a number of local fire departments whose attendees universally praised the course and the driving experience.

An S-130/190 class (Firefighting Training/Intro to Wildland Fire Behavior) was conducted from March 21 through 25, 2016. This class is an introductory course designed to train entry-level firefighters and covers basic incident management organization, firefighting techniques, suppression equipment, safety, tactics and strategy along with field exercises. Participating attending agencies and departments included:



S130/190 Basic Firefighting & Wildfire Behavior

- East Quogue Fire Department
- Jamesport Fire Department
- Greenport Fire Department
- East Northport Fire Department
- NYSDEC Region 1
- Verdox Fire District (Latham, NY)
- Napanoch Fire District (Ulster County, NY)
- Great Swamp Field Headquarters, Rhode Island

2016 October Academy

NYWIMA conducted its fall academy from October 20 through October 30, 2016 and concluded its nineteenth year of operation having now provided training to more than 7,300 firefighters and emergency response personnel over its existence. In 2016, NYWIMA again utilized and integrated more local and regional personnel into the overhead and command staff positions instead of relying more on such resources from the western U.S. and other, more remote areas. The Academy continued to draw students from outside the United States, including Canada.

The Academy also offered two unique workshops. The first, Intelligence and Investigations, described the responsibilities associated with the intelligence and investigation functions on an all-hazard incident. The course highlighted the role played by the intelligence and investigation function in the Incident Command System planning process, including identifying intelligence needs, the intelligence collection process and the sharing and distribution of intelligence and information. The course was instructed by local law enforcement personnel with extensive incident management experience on local and national events, and was well received by its students.



S-211 Portable Pumps and Water Use class

In addition, once again, the Academy co-sponsored, with the Fire Department of New York City Incident Management Team, an All-Hazard Field Reconnaissance course. This was a field intelligence course designed to teach mapping and damage assessment skills so that emergency planners could better prioritize what areas should get resources in the event of a large scale disaster response effort.

In the October 2016 Academy there were 39 instructors, 54 overhead staff, 242 students and 29 trainees with a total of 364 attendees. Classes held were the following:

- Intelligence and Investigations Function in the Incident Command System
- All-Hazard Field Reconnaissance
- Off-Highway Vehicle Basic Driver Course
- S130/190 - Basic Firefighting & Wildfire Behavior
- S130/190 - Basic Firefighting & Wildfire Behavior - 2-day Field class only
- S-131 - Firefighter Type 1
- S-133 - Look Up, Look Down, Look Around
- S-211 - Portable Pumps & Water Use
- S-212 - Wildfire Chainsaws with Storm Debris Removal
- S-215 - Fire Operations in the Wildland/Urban Interface
- S-219 - Firing Operations
- S-230 - Crew Resource Boss (Single Resource)
- S-231 - Engine Resource Boss (Single Resource)
- S-260 - Interagency Incident Business Management
- S-261 - Applied Incident Business Management
- S-270/L-987 - NWCG Basic Air Operations & All-Hazard Introduction to Air Operations

S-271 - Helicopter Crew Members
S-339/L-960 - NWCG & All-Hazard Division/Group Supervisor
FI-210 - Wildland Fire Origin & Cause Determination
RX-301 - Prescribed Fire Plan Implementation

Trainee opportunities were provided to allow participants to gain real-world, hands-on experience in carrying out particular ICS duties. Training was provided in the following positions:

Base Camp Manager Trainee
Communications Unit Leader Trainee
Division/Group Supervisor Trainee
Equipment Manager Trainee
Facilities Unit Leader Trainee
Ground Support Unit Leader Trainee
Incident Commander Trainee
Logistics Section Chief Trainee
Medical Unit Leader Trainee
Ordering Manager Trainee
Operations Section Chief Trainee
Plans Section Chief Trainee
Public Information Officer Trainee
Receiving/Distribution Leader Trainee
Resource Unit Leader Trainee
Safety Officer Trainee
Situation Unit Leader Trainee
Supply Unit Trainee

Northeast Forest Fire Protection Compact

New York State is a member of the Northeast Forest Fire Protection Compact, a Congressionally-chartered entity comprised of New York, the New England states and six Canadian provinces, in which all members agree to provide mutual aid to one another in actual wildfire responses and cooperate in various wildfire prevention, mitigation and training efforts. The Academy is exploring additional training programs with a number of individual members.

Additional Activities

During 2016, NYWIMA provided separate, stand-alone training classes to requesting entities in the Northeast. These included the following:

Brush Truck Training/Intro. to LI Wildfire Behavior for the Wildfire Fire Service

March 31, 2016 - April 3, 2016
Germansville Fire Department
Germansville, Pennsylvania - 20 students

S-211 - Portable Pumps & Water Usage

October 14, 2016 - October 16, 2016
Amenia Fire District
Amenia, NY - 11 students

Litigation Involving the Pine Barrens Commission

November 15, 2016; listed by filing date.

Litigation Involving the Pine Barrens Commission

November 15, 2016; listed by filing date.

Sequence Number	Subject	Plaintiff(s)	Defendant(s)	Court and Index Number	Date Filed	Date Decided (available online at http://pb.state.ny.us/legal/chart_litigation.htm)
1	Nondevelopment decision of 2/9/94 re Longwood Youth Sports Association proposal at Firemen's Park, Ridge, Brookhaven	LI Pine Barrens Society, Richard Amper, North Fork Environmental Council, Long Island Group of the Sierra Club, Open Space Council, Act Now!, Desiree Passantino, Joseph Colao	Commission	Supreme Court, Suffolk County 94-5363	3/11/94	4/28/98 (decision)
2	Parcel inventory and property owner notification	W.J.F. Realty Corp., Reed Rubin	Commission	Supreme Court, Suffolk County 94-8132	4/8/94	11/17/94 (decision)
3	Statutory challenge to Pine Barrens Protection Act	W.J.F. Realty Corp., Reed Rubin	Commission, State of New York, Langdon Marsh, NYS DEC, Suffolk County	Supreme Court, Suffolk County 94-22784	9/19/94	4/22/98 (decision)
4	Economic analysis	LI Builders Institute	Commission	Supreme Court, Suffolk County 95-11218	5/12/95	5/22/95 (decision)
5	Parcel inventory	Siegel Fenchel & Peddy	Commission, Raymond Corwin	Supreme Court, Suffolk County 95-29078	12/6/95	4/18/97 (decision)
6	Statutory challenge to Pine Barrens Protection Act	Henry Dittmer, et al.	Commission, Suffolk County, Brookhaven Town, Riverhead Town	US District Court for Eastern District of NY 96-2206	5/3/96	2/21/02 (decision) <i>(Also see 2/28/03 2nd Circuit Summary Order)</i>
7	Commission approval of 8/26/96 re Marando (Manorville) Nurseries project, Brookhaven	LI Pine Barrens Society, Richard Amper, Peter Maniscalco, John Scully, Leslie Hannelin	Commission	Supreme Court, Suffolk County 96-24091	9/18/96	2/10/98 (decision)
8	6/24/98 Pine Barrens Credit allocation to parcels in Manorville and Middle Island, Brookhaven	Robert I. Toussie	Commission	Supreme Court, Suffolk County 98-17135	7/22/98	5/26/1999 (decision)
9	Nondevelopment decision of 5/10/00 re horse	LI Pine Barrens Society,	Commission, Carolyn Jolly d/b/a Hidden	Supreme Court, Suffolk	8/8/00	3/19/01 (decision) Entered 11/20/01

	arena in Core, Manorville, Brookhaven	Richard Amper, Katherine Forster Screven, Frank P. Foster, John Trocchio, Richard and Pamela Gatz, Anna Marie Forster Czarnecki, Pamela Todaro	Pond Stables	County 00-14222		
10	Nondevelopment decision of 7/12/00 re horse arena in Core, Manorville, Brookhaven	LI Pine Barrens Society, Richard Amper, Kenneth and Irene Kneski, Stanley and Genevieve Horton	Commission, Sloane Marcus, Maria Hickey	Supreme Court, Suffolk County 00-19896	8/9/00	3/20/01 <i>(decision)</i> Entered 6/11/01
11	Statutory challenge to Pine Barrens Protection Act	Walter Olsen, et al.	NYS DEC, et al.	Supreme Court, Albany County 01-3600	6/22/01	5/7/02 <i>(decision)</i> <i>(Also see 7/24/03 3rd Department Decision)</i>
12	Statutory challenge to Pine Barrens Protection Act	Gladys Gherardi et al.	State of NY, et al.	US District Court for Northern District of NY; 01-1066	6/28/01	12/11/03 <i>(decision)</i> <i>(Also see 12/22/05 2nd Circuit Summary Order)</i>
13	7/10/02 Firemen's Park Core hardship permit, Ridge, Brookhaven	LI Pine Barrens Society, Richard Amper, Carole Jones, Paul J. Decker, Eric Burke, Yolanda Susi, Joseph P. Walsh, Kim Darrow	Commission, Brookhaven Town Parks Department, Joseph Callari, Frank Vigliarolo	Supreme Court, Suffolk County 02-20643	8/7/02	2/26/03 (amended decision) <i>(decision)</i>
14	Assertion of jurisdiction of 3/20/02 re Spring Meadow subdivision, Wading River, Brookhaven	Spring Meadow Enterprises	Commission	Supreme Court, Suffolk County 02-20765	8/9/02	2/11/03 <i>(decision)</i>
15	Field Day Music Concert, Calverton, Riverhead	LI Pine Barrens Society, Richard Amper, Neighborhood Network Research Center, Neil Lewis, North Fork Audubon Society, Mary Mulcahy, North Fork Environmental Council, Howard Meinke, North	Riverhead Town, Riverhead Town Community Development Agency, Suffolk County Health Department, Commission, New York Music Festival, Andrew Dreskin, Andrew	Supreme Court, Suffolk County 03-13625	5/27/03	5/30/03 <i>(decision)</i>

		Shore Audubon Society, Jennifer Wilson Pines, Open Space Now, Alex Wipf, Wayne Rambo, Scott Neary, Margaret Caputo, Robert and Joyce Moss, Louis Fastore	Dreskin Investments			
16	Development decision of 6/21/06 re clearing for agriculture in Core for Manorville Estates Winery, Brookhaven	Gladys Gherardi	Commission	Supreme Court, Suffolk County 06-17693	7/19/06	8/1/07 <i>(decision)</i>
17	Southaven County Park trap and skeet range, Yaphank, Brookhaven	LI Pine Barrens Society, Richard Amper, South Yaphank Civic Association, Johan McConnell, John Del Buono, Howard Carpluk, Sue Davis, Douglas Steigerwald	Commission, Suffolk County, Hunter Sports Shooting Grounds	Supreme Court, Suffolk County 06-22354	8/11/06	5/2/07 <i>(decision)</i> <i>(Also see 10/7/08 2nd Department decision)</i>
18	Assertion of jurisdiction of 7/19/06 re Island Water Park, Calverton, Riverhead	Island Water Park Corp., Eric Scott	Commission, Town of Riverhead	Supreme Court, Suffolk County 06-21016	8/17/06	4/3/07 <i>(decision)</i>
19	Assertion of jurisdiction of 4/18/07 re Riverhead Town Recreational Facility, Calverton, Riverhead	Riverhead Town, Riverhead Community Development Agency	Commission	Supreme Court, Suffolk County 07-14186	5/3/07	1/30/08 <i>(decision and 3/31/08 judgment)</i> <i>(Also see 3/2/10 2nd Department decision)</i>
20	Pine Barrens Credit allocation to parcel in Southampton	Edwin Tuccio, Patricia Tuccio	Commission, Clearinghouse	Supreme Court, Suffolk County 07-21497	7/19/07	1/16/08 <i>(decision)</i> <i>(Also see 11/4/09 2nd Department decision)</i>
21	Pine Barrens Credit allocations to parcels in Manorville (Brookhaven)	Ringhoff Family LLC #1	Commission	Supreme Court, Suffolk County 08-26991	7/17/08	4/8/09 <i>(decision)</i>
22	Commission jurisdiction re development proposal	Robert Liere, John Liere, and Lorraine Liere	Commission	Supreme Court, Suffolk County 09-5910	3/12/09	10/13/10 <i>(decision)</i>
23	Article 78	County of	Commission	Supreme	6/16/10	4/28/11

		Suffolk		Court, Suffolk County 21807/2010		(decision)
24	American Physical Society hardship permit, Ridge, Brookhaven	LI Pine Barrens Society, Richard Amper	Commission	Supreme Court, Suffolk County 29130/2010	7/21/10	9/26/11 (decision)
25	Article 78	Edwin Fishel Tuccio, Patricia Tuccio	Commission	Supreme Court, Suffolk County 28576/2010	9/20/10	1/12/12 (decision) <i>(Also see 1/15/14 2nd Department decision)</i>
26	Failure to process plaintiff's as of right subdivision application	Brush Development LLC	Town of Brookhaven, Commission	US District Court for Eastern District of NY CV-113297	7/8/11	pending
27	JCJC Holding Company hardship permit, Hampton Bays, Southampton	LI Pine Barrens Society, Richard Amper	Commission	Supreme Court, Suffolk County 22619/2011	2/16/12	3/22/12 (decision) <i>(Also see 1/29/14 2nd Department decision)</i>
28	Article 78	Wainscott Properties Inc.	New York State Department of Environmental Conservation, Commission	Supreme Court, Suffolk County 12-27600	9/6/12	11/13/13 (decision)
29	Westhampton Property Associates hardship permit, Speenk, Southampton	LI Pine Barrens Society, Richard Amper, Robert McGrath, Thomas Casey as members of the Board of Directors	Commission	Supreme Court, Suffolk County 12-34735	12/31/12	2/27/14 (decision) <i>(Also see 4/20/16 2nd Department decision)</i>
30	Pine Barrens Credit Program	Pluralis, LLC	Commission, Town of Brookhaven	Supreme Court, Suffolk County 13-15979	6/19/13	11/4/14 (decision)
31	Article 78	Equine Facility, LLC, Carolyn Jolly, and James P. Eagan	Commission, New York State Department of Environmental Conservation, State of New York	Supreme Court, Suffolk County 16-01258	2/4/16	9/29/16 (decision)
32	Article 78	Henry R. Dittmer	Commission	Supreme Court, Suffolk County 16-02657	3/11/16	pending
33	Article 78	Armand Gustave, LLC c/o Peter Baron	Commission	Supreme Court, Suffolk County 16-6671	7/11/16	11/7/16 (decision)
34	Article 78	Antro Realty Corp.	Commission	Supreme Court, Suffolk County 16-09916	10/17/16	pending

Central Pine Barrens Commission Staff & Areas of Responsibility

Administration	John W. Pavacic, Executive Director Judy Jakobsen, Policy & Planning Manager Carol Sholl-Ostrowski, Administrative Assistant Kathy Delligatti, Academy & Administrative Assistant Specialist
Communications	Tim Motz, Director of Communications
Compliance & Enforcement Law Enforcement Council	Larry Hynes, Compliance & Enforcement Coordinator
Education & Outreach	Melissa Griffiths Parrott, Environmental Education & Outreach Coordinator
Land Use & Planning Advisory Committee	Julie Hargrave, Principal Environmental Planner
Legal	John Milazzo, Esq., Attorney
New York Wildfire & Incident Management Academy	Kathy Delligatti, Academy & Administrative Assistant Specialist John W. Pavacic, Executive Director
Pine Barrens Credit Program	Jerry Tverdyy, Environmental Analyst
Science & Stewardship Protected Lands Council	Ann Carter, Science & Stewardship Coordinator
Wildfire Task Force	Kathy Delligatti, Academy & Administrative Assistant Specialist Judy Jakobsen, Policy & Planning Manager Larry Hynes, Compliance & Enforcement Coordinator



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Ray Corwin Pine Barrens Reference Library
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