Outreach Programs:

Schools:

• Due to school cancellation and focus on final exams the month of June, no school programs were completed. Instead I focused on planning and organizing our virtual Barrens to Bay camp.

Events:

1. Barrens to Bay Summer Camp

- All refunds have been issued to all 120 camp registrants.
- Our 9th annual Barrens to Bay camp will now be held virtually on Friday's from July 3rd August 28th at 11am via zoom. This meeting application is FREE, interactive, and recordable.
- We chose locations across Long Island to expose the campers to other natural areas to visit and experience to help strengthen their Long Island and Pine Barrens natural history knowledge.

Schedule

	Friday, July 3 rd aven Hamlet	Camper Check in's/Owl pellet dissection! /RRR/ show and tell @ CEED
Week 2	Friday, July 10 th	Animals, and Carnivorous Plants @ Quogue Wildlife Refuge in Quogue
Week 3	Friday, July 17 th	Fire Island- It's alive! @ Fire Island National Sea Shore- Smith Point
	Off July 24 th	
Week 4 in Hampto		Let's Seine the Great South Bay with NYS DEC staff! @ Ponquoge Park
Week 5	Friday, August 7 th	Reptiles, Birds and More! @ Sweetbriar Nature Center in Smithtown
Week 6	Friday, August 14 th	Let's meet some birds! @ Morton Wildlife Refuge in Sag Harbor &
Week 7 Wertheim	Friday, August 21 Wildlife Refuge in Shi	Our favorite "do it yourself" Scavenger Hunt! @ White Oak Trail @ rley

Week 8 Friday August 28th The "other side" of Barrens to Bay! Kayak the Carmans @ Carmans River

2. 13th Annual Pine Barrens Discovery Day 2020 – TBD

- In lieu of our traditional PBDD event at a single site, encouraging a large attendance by students and the public, we are looking into creating an adapted version for 2020.
- Our goal is to continue our annual education of the Pine Barrens in a way to include COVID restrictions and guidelines.

• This may be in a variety of ways, including interpretive hikes at a variety of Pine Barrens locations with a limited group and activities that can be done on their own.

Partnerships:

- 1. Brookhaven National Lab's Discovery Park Science Education Center
- I was invited to represent the Central Pine Barrens Commission on a planning panel for the Science Education Center at the developing Discovery Park at BNL.
- This will be an opportunity to help create and influence what this science education center will become.

2. 2020 A Day in the Life

- Trainings will take place this summer with Save the Great South Bay for general citizen science collection.
- As of now, we are moving forward with our normal fall schedule and programing and will determine our final schedule in the coming weeks once we hear more from teachers and school districts.

3. 2020 EPA Region 2 Citizen Science Equipment Loan Program

- Due to COVID and social distancing issues on boats, the EPA has withdrawn all Microplastic Trawl loans throughout the country. We will be re-applying for next year.
- As of now, we will still be borrowing the YSI meter and turbidity tube. Since EPA staff are still working remotely, the equipment will be shipped to us and training will be conducted via an online training.

Science and Stewardship Division Update July 15, 2020



Administrative:

We have welcomed our summer interns: Sabrina Cohn, Alana Falzon, and Kassidy Robinson. These highlighly qualified and ambitious women are dedicated to collecting data for the Forest Health Monitoring program. We are very excited and appreciative to have them and look forward to mentoring them this summer and helping them hone their field and research skills.

Commission Prescribed Fire Program:

• Administration:

• Voucher development and annual workplan revision and updates are ongoing for NYSDEC reimbursement for costs incurred from April – June 2020 for general expenses and for salary.

• Planning:

- Standing bimonthly meeting with NYSDEC Region 1 and Forest Health was held on July 7, 2020 to coordinate the Prescribed Fire Program and operations on State lands.
- Final legal review is underway on the Suffolk County Department of Parks, Recreation and Conservation draft MOU to allow for Commission-led on-the-ground prescribed fire site preparation and operations on County lands. Commission is also initiating discussions with NYS OPRHP and Town of Brookhaven for development of MOU/MOA. Final drafts will be presented to the Commission for review and approval.
- A draft CPB prescribed fire management plan has been developed and is undergoing internal CPBC review. This plan identifies eleven high priority areas for CPB forest area prescribed burning in the next ten years and will enable SEQRA compliance.
- One prescribed burn plan has been completed and has been sent to NYSDEC for review and approval. This plan designates a 9-acre forested zone in the Otis Pike Preserve that will be used to conduct live wildfire suppression drills for training and practical exercise purposes for all CPB wildland fire management departments.
- A prescribed burn plan has been written for 121 forested acres in Rocky Point Pine Barrens State Forest consisting of 60 NYSDEC mechanically treated and 61 non-treated acres designated for firing to improve protection to nearby subdivisions and forest health improvement. This plan is currently undergoing internal review to be followed by outside technical review, and then the approval process through NYSDEC will be initiated.
- Initial planning and map development has begun for the next burn plan targeted for the David A. Sarnoff Preserve.
- The Division is working with NYSDEC Forest Health and Forest Protection to coordinate activities and collaborative efforts on mechanical reductions and fire control line installation for prescribed fire preparation, forest health and public health.
- A Site Priorities Tracking Worksheet continues to be updated and utilized to track and coordinate ecosystem management activities between agencies and best ensure prescribed fire operations are coordinated to strategically meet ecological goals with available resources.
- Site visits have been conducted for prioritization and development of burn plans.

• Training and Preparedness:

- NYSDEC UAS training program currently on hold due to pandemic and will be resumed when feasible in order to become Commission and NYSDEC certified pilots.
- NYWIMA course registration windows have opened, and staff will be registering to take coursework to improve knowledge and to obtain initial and ongoing qualifications for prescribed fire and incident management. Staff will also be assisting with the administration and teaching responsibilities of the academy as needed and feasible.

• Education and Outreach:

- Fire effects photo monitoring has been initiated at recent wildfire sites, including Manorville Hills and Otis Pike West to document the impacts of and the regeneration occurring after fire.
- Products documenting the fire history of Long Island that have been developed to serve fire program planning. This information will also serve as valuable education and outreach materials



communicating how integral fire is and has been over time in the Pine Barrens landscape and how important fire management is to reduce wildfire risk and improve ecological health.

• Equipment Storage and Purchasing:

• Division continues to explore options for equipment and vehicle storage for the prescribed fire program. Storage containers for the program have been specified for purchase and quotes for the containers and their modification are currently being received. Potential siting for

containers at the SCWA Gus Guerrera is being explored and discussed with SCWA.

 F-550 chassis which will be used to build the Commission Type 5 Fire Engine has been specified and bid through the NY State vehicle procurement marketplace system. A list of prescribed fire equipment to outfit program has been



drafted and is being reviewed. Resolution drafting has been initiated for procuring the larger specialized tools, equipment, and vehicles necessary for the safe and effective implementation of prescribed fire.

Forest Health:

• Southern Pine Beetle (SPB):

- Statewide SPB Incident Command System continues to be coordinated by NYSDEC's Forest Health Unit. Operations include aerial and ground surveys, suppression, restoration, research, and forest management.
- Ground truthing surveys for SPB are actively and cooperatively being conducted by Division and NYSDEC staff within Sears Bellows, Hubbard, Southaven and Robert Cushman Murphy County Parks having previously been identified as SPB hotspots.
- Spot suppression commenced in Southaven County Park and further rapid response cut and leave suppression activities will be coordinated with NYSDEC and continue to utilize agency, Commission, and contract sawyers for suppression cutting.

- Early Detection Rapid Response Non-native Ambrosia and Bark Beetle Monitoring Study:
 - The Division in partnership with the NYSDEC and US Forest Service finalized a Statewide six-week trapping study to facilitate early detection of non-native ambrosia and bark beetles around high risk transportation and trade hubs.
 - Traps were installed at 12 locations from Brooklyn to Suffolk County on Long Island and the Division is monitored the traps installed in Henry's Hollow State Forest and Southaven County Park and Town of Brookhaven lands off River Road on a biweekly basis until removing at the beginning of July.
 - The information collected from this trapping will help both NYSDEC and USFS rapidly respond to any new non-native pest detected which may threat regional forest health.





- The second phase of a 15-year, Long-Term Forest Health Monitoring Study (FHM) commenced in 2019 in partnership with SUNY College of Environmental Science and Forestry (ESF), Brookhaven National Laboratory (BNL) and their Science Undergraduate Laboratory Internship (SULI) program and the Commission. This is a critically important study and undertaking as the findings will identify the trajectory of Central Pine Barrens Forest health and will be used to inform the need for future management actions.
- On June 30, the Commission hired and dedicated three interns to create a modified field crew to advance the FHM study data collection due to the COVID 19 related cancellation of the SULI program. Following extensive coordination meetings with BNL, ESF, and the Commission, the second and final year of the FHM study is underway with the ambitious goal to sample the remaining 48 forest health plots in order to complete the data collection. A two-day orientation and training which initiated the field season was conducted under the leadership of Joanna Lumbsden Pinto, Doctoral Candidate for SUNY ESF, the Commission and BNL at Sears Bellows County Park.
- A contract with ESF, to facilitate future collaborative research by students and staff, is currently being reviewed. The Contract will be presented to the Commission for review and approval.

3

Empire State Pollinator Survey and Manufactured Soil and Pollinator Study

- CPBC participation in the final year of the NY Empire State Pollinator Survey project has commenced and 9 sites have been sampled so far focused on areas slated for future management as well as sites representing high biodiversity. Hand netting and bee bowl trapping are utilized to capture pollinators as a survey of the biodiversity of pollinators throughout New York State. Surveying will be done within several sites on Long Island in order to understand the diversity of pollinators in meadows, forests, wetlands, and roadsides and in response to management activities.
- CPBC is assisting with a NYSDOT funded project conducted by Cornell University Waste Management Institute which is examining the relationship between surveyed soils, vegetation, and pollinators to develop best practices for remediating and restoring disturbances caused through road and right of way maintenance and construction activities. Three sites were chosen as representative sites for this project and each of those sites has been sampled once and will be sampled a total of four times throughout the growing season.



Invasive Species Management:

• Surveying and suppression of Caper spurge (*Euphorbia lathyris*), Chinese silvergrass (*Miscanthus sinensis*) and Japanese stiltgrass (*Microstegium vimineum*) continues to be conducted in Hampton Bays, East Quogue and Rocky Point Pine Barrens State Forest.

Encroachment Restoration:

- A draft Request for Proposal (RFP) is being developed to solicit, vet and secure contractors for performing restoration work at existing and future encroachment and violation sites.
- *Middle Island:* Site visits were conducted to examine the extent of erosion occurring and to refit deer guards installed on the planted vegetation. An RFP is in the process of development to facilitate the restoration of both sites in Middle Island.
- *Eastport:* Division staff continues to provide restoration recommendations to the New York State Attorney General's office regarding a violation.

Protected Lands Council

- Two PLC co-sponsored events are now available for viewing online increasing access to this information for those that were not able to attend live presentations and for use in future trainings.
 - Identifying Menaces to Forest Health An Early Detection, Rapid Response and Emerging Species Workshop for Land Managers at the LIISMA website: <u>http://www.liisma.org/identifying-threats-</u> to-forest-health-an-early-detection-and-emergingspecies-webinar-for-land-managers/
 - Ticks on Parade A Tick Identification and Tick-Borne Disease Awareness Workshop by given by Dr. Tamson Yeh of Cornell Cooperative Extension of Suffolk County – via the Commission You-tube channel

:https://www.youtube.com/watch?v=625wzSjZEms



TICKS ON PARADE





Carrie Meek Gallagher Chairwoman

Steven Bellone Member

Yvette Aguiar Member

Edward P. Romaine Member

Jay H. Schneiderman Member

624 Old Riverhead Road Westhampton Beach, NY 11978

Phone (631) 288-1079 Fax (631) 288-1367 https://pb.state.ny.us/

CAED Highlights 1/1/20 – 07/07/20

- Forty-one incident reports to date
- Twelve conservation easement inspections to date
- Continue work with state, county and towns on unpermitted activity
- Enforcement meetings held with SC Parks; LEC
- Camera surveillance of dump sites continues, 18 dumping investigations including six apprehensions by surveillance cams
- Drone training curtailed by Covid-19 conditions
- Significant encroachment of three SCWA sites investigated by CAED, Suffolk Co Sheriff's Office, and NYSDEC resulting in two admin settlements
- Jim Mazzio rejoined CPBC as Enforcement Officer on 6/9/20



4 DEVELOPMENT PROJECT COMPLIANCE SITE VISITS Reporting Period: 01/01/20 – 07/07/20				
Central Pine Barrens	Brookhaven (District 200)	Riverhead (District 600)	Southampton (District 900)	
Core Preservation Area	1	1	0	
Compatible Growth Area	0	0	0	

C		ASEMENT MONIT ng Period: 01/01/19 -	ORING SITE VISIT 06/06/19	ſS
Core Preservation Area	Brookhaven (District 200)	Riverhead (District 600)	Southampton (District 900)	Totals
Total	5	5	2	12

Rep	COMPLIANCE AND ENFORCEMENT INCIDENT REPORTS Reporting Period: All from 1/1/19 - 02/27/19 and Open (i.e., Pending from prior years)							
	Brook (Distric		River (Distric			ampton ict 900)	То	tals
Year	2020 All	12-19 Open	2020 All	17-19 Open	2020 All	13-19 Open	2020 All	03-19 Open
Core	14	24	2	4	6	14	22	42
CGA	9	15	0	1	1	5	10	21
Totals	23	39	2	5	7	19	* 37	65

*Outside the Pine Barrens in 2020 to date, 4 incident reports, encroachments, criminal mis, dumping for total of 41 incidents to date

Year	2018	2019	2020
Intake			
Sent by Agency to Commission	23	10	20
Discovered by Commission Staff	23	25	15
Called in by Individual to Commission	6	14	6
Total Incidents Reported	52	49	41
Location of Incident			
Brookhaven	39	32	28
Southampton	11	12	8
Riverhead	2	5	2
Occurring on Public Land	30	20	18
Occurring on Private Land	21	28	11
Occurring on Public & Private Land	1	1	2
Core	32	33	26
CGA	18	16	7
Core & CGA	1	0	1
Outside CPBA	1	0	7
	1		
Nature of Incident*			
Clearing/Encroachment	18	19	16
Structures	2	1	2
Dumping	22	17	18
Mining	0	0	0
Hunting	1	0	0
ATV	1	5	2
Other	8	7	3
*note some incidents involve more than	0	1	3
note some incidents involve more than one land use issue			
Referrals*	10	22	_
Sent to Town	13	20	7
Sent to County	5	6	4
Sent to State	23	9	13
Commission	9	14	7
Sent to AG	0	0	0
Other	2	0	10
*note some incidents are sent to multiple			
gencies			
Status			
Founded	52	53	40
Unfounded	1	0	`1
Open	15	28	35
Closed	34	25	6

Central Pine Barrens Joint Planning and Policy Commission Land Use Division Bi-Monthly Update for the Meeting of July 15, 2020

Action		Central Pine Barrens Locatior	1		
Municipality	Town of Brookhaven	Town of Riverhead	Town of Southampton		
Applications and Requests for Determination of Jurisdiction	 Kogel Brothers Core Hardship Application, Middle Island, single-family residence on 5.3 acres, 200-499-3-4 (Core). Decision deadline 11/30/20. 	None	 July 1, 2020 submission. Lewis Road PRD Subdivision Assertion of Jurisdiction Application, East Quogue, residential and golf course development on 588 acres, 176 parcels. (CGA, Core, CRA). Assertion of Jurisdiction (5/15/19). Decision deadline 8/19/20. 		
SEQRA Coordination, Referrals, Inquiries, and Other Information on Projects in the Central Pine Barrens	 Inquiry: Spring Lake Golf Course to solar facility, Middle Island. (CGA) Inquiry: Sod farm to solar facility, Manorville. (Core) Inquiry: IGHL, Eastport (CGA) 	 Inquiry: Island Water Park amendment, Calverton. (CGA) (2011 CGA Hardship) Notification: Riverhead Solar 2, Calverton. PSC Application available for comment in August 2020. (part in CGA). 	 Referral: Verizon at Eastport, 160-foot communications tower at Hampton Sand, a 111-acre sand mine, west of Speonk Riverhead Road, 900- 301-3-1; 900-326-1-4 & 17. (CGA) Inquiry: East Coast Mines vertical expansion, East Quogue (CGA, Core) Inquiry: Bidawee subdivision (Core, CGA, CRA) 		
Other Regional Project Participation	 Empire State Trail/Suffolk County Hike Bike Master Plan: County presentation date TBD Peconic Estuary Partnership Technical Advisory Committee participation USGS-Commission Water Resources Monitoring Program: quarterly meeting held 6/12/20 				
Other Activity, Review, and Participation	 review, analyze, and respond to sprojects, Developments of Regio Development project site inspect Requests for Determination of Ju Draft Generic EIS for the Centra FOIL Requests: Research and as projects. Support other Commission division related to land use development, 	, SEQRA Coordination, referrals, inquiries, and other information requests: espond to submissions, referrals of site plans, subdivisions, and mixed-use ts of Regional Significance, and other materials. site inspections in pre- and post-development phases. nation of Jurisdiction: Research and prepare materials for the Commission. the Central Pine Barrens Comprehensive Land Use Plan Amendments. urch and assist with FOIL requests and litigation involving development ssion divisions as needed including matters of clearing and encroachments relopment, incidents, and conservation easements. agenda materials and land use items; setting up remote Commission meeting,			



Lewis Road Subdivision Planned Residential Development, East Quogue (CGA, Core, CRA)



Eastern Box Turtle, Wading River (CGA)



Verizon Wireless at Eastport (CGA)

Pine Barrens Credit Program Report for July 15, 2020:

Activities in the Credit Program since January 1, 2020 included review of applications for Letters of Interpretation, Conservation Easement parcel monitoring and CE signs installation, Credit Program and FOIL requests management. Some specific work items include:

- 24 Letters of Interpretations were issued, 12 in the Town of Brookhaven and 12 in the Town of Southampton.
- Five Conservation Easements are currently in process: Long Island Country Club, Long Island Home Associates Inc. (two parcels), Broidy, Hansen.
- Letters with updated list of Conservation Easement parcels were sent to the Town of Brookhaven, Riverhead and Southampton Assessor and Planning Departments.
- Letters to the private Conservation Easement parcel owners were sent reminding them of their obligations under the easement, parcels inspections and installing of the CE signs.
- Letter with updated list of Conservation Easement parcels was sent to the Suffolk County Real Property Tax Service Agency.
- Letters to solicit participation in the Credit Program were sent to owners of undeveloped land located in the Towns of Southampton (12 LOI applications received) and Riverhead Core Preservation Area.
- Letters to owners of undeveloped land located in the Town of Brookhaven, Core Preservation Area, in process.
- Armand Gustave LLC v CPB Commission litigation currently in process.
- 14 Conservation Easement Signs were installed (four in the Town of Brookhaven, six in the Town of Riverhead and four in the Town of Southampton).
- Two Notices of Violations were issued (Frank Turrigiano and Sally Lane Conservation Easement parcels).
- New *Pine Barrens Credits Brochure* has been completed and posted on the website.





	Easement	Protected I	ands and Pin	ne Barren	Easement Protected Lands and Pine Barrens Credits As of July 7, 2020	. July 7, 20	20	
	Brookhaven	2020	Riverhead	2020	Southampton	2020	Total	2020
Parcels	506	2	36	0	448	0	066	2
Acreage	780.42	0	516.60	0	846.71	0	2143.73	0
Average parcel size	1.54	0	14.35	0	1.89	0	2.17	0
Credits generated	532.57	2	172.39	0	330.94	0	1035.9	2
Credits redeemed	338.51	4	130.44	1.15	148.46	1.13	617.41	6.28
Credits not redeemed	194.06	-2	41.95	-1.15	182.48	-1.13	418.49	-4.28
Credits sold	554.45	3.83	218.3	0	248.15	1.13	1020.9	4.96
Total value of PBC transactions through this date	\$29,102,969	\$359,625	\$7,961,747	0	\$16,539,582	\$90,500	\$53,604,298	\$450,125
Average Credits value		\$93,897				\$80,088		\$90,751
Credits owned by the Clearinghouse	10.19		-		I		10.19	
# of Inspected CE Parcels	-	14		5	-	33	-	52
# of Installed CE Signs	24	4	7	9	60	4	91	14



SUFFOLK COUNTY COMPTROLLER

330 CENTER DRIVE RIVERHEAD, N.Y. 11901-3311 Telephone: (631) 852-1501 FAX (631) 852-1507

> JOHN M. KENNEDY, JR. COUNTY COMPTROLLER

July 2, 2020

Central Pine Barrens Joint Planning and Policy Commission P.O. Box 587 Great River, N.Y. 11739-0587

Dear Pine Barrens Credit Clearinghouse Board of Advisors:

Attached please find our financial report on the Pine Barrens Credit Program for the month of June 2020. Thank you.

Respectfully submitted,

Christina M. Withers

Christina M. Withers, CIA, CPFO Executive Director of Finance & Taxation

Suffolk County Comptroller's Office The Pine Barrens Credit Program	
Balance as of December 31st, 2019	\$2,544,578.33
Additional Deposits	0.00
Interest (see below for details)	3,345.00
Disbursements	0.00
Balance as of June 30th, 2020	\$2,547,923.33

Interest Earnings & Disbursements For the Months of January - December 2020

Interest Earnings

Municipal Insured Public Funds NOW Account

	January February March April May June July August September October November December	$\begin{array}{r} 1,080.80\\ 976.60\\ 334.92\\ 314.03\\ 303.60\\ 335.05\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$	\$3,345.00
Interest Period	<u>APR</u>		
01/01/20- 01/31/20	0.500%		
02/01/20- 02/29/20	0.500%		
03/01/20- 03/31/20	0.150%		
04/01/20- 04/30/20	0.150%		
05/01/20- 05/31/20	0.150%		
06/01/20- 06/30/20	0.150%		
07/01/20- 07/31/20	0.000%		
08/01/20- 08/31/20	0.000%		
09/01/20- 09/30/20	0.000%		
10/01/20- 10/31/20	0.000%		
11/01/20- 11/30/20	0.000%		
12/01/20- 12/31/20	0.000%		
Disbursements			
None		_	\$

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