



Livingston County

Environmental Management Council

DEC wetlands



State
Champion
Bur Oak

Farmland
Oak



ADVOCATE

Educate

PRESERVE



SUNY
Wind



SUNY
solar



Presentation



Plantation



Investigate



Letchworth
Tour



EMC
members



Annual Report
2017

**Images:
Livingston County Environmental Management Council
sponsored/co-sponsored tours and programs, 2017**

Table of Contents

History & Mission	3
2017 Program and Activities.....	3
Work Plan.....	3
Education	3-4
Membership & Meetings	4
Membership List 2017	4
Earth Day Award	5
Website Content	6
Environmental Inventory	6
Regulatory Environment	6
County/Regional Projects & Communication	7
Conesus Lake Watershed Management Plan (CLWMP)	7
Communication with the Board of Supervisors	7
County and Regional Projects.....	7
Participation in Other Activities	7
2018 Proposed Program and Activities	8
Work Plan.....	8
Education	8
Membership.....	9
Earth Day Award	9
Website Content	10
Environmental Inventory	10
Regulatory Environment	10
County/Regional Projects & Communication	10
Conesus Lake Watershed Management Plan (CLWMP)	10
Communication with the Board of Supervisors	10
Participation in Other Activities	10

**LIVINGSTON COUNTY
ENVIRONMENTAL MANAGEMENT COUNCIL**

Livingston County Government Center
6 Court Street, Room 305
Geneseo, New York 14454-1043
Telephone: (585) 243-7550 or (585) 335-1734
Fax: (585) 243-7566
Website: www.livingstoncounty.us/emc
E-mail: aellis@co.livingston.ny.us

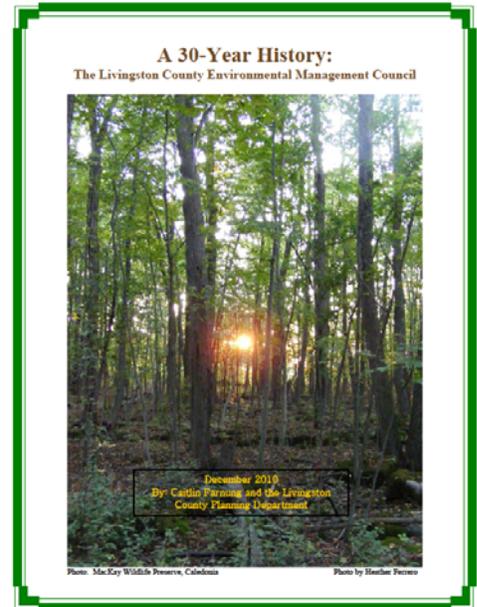
History & Mission

The Livingston County Environmental Management Council (EMC) is a formal citizens advisory group that was formed by the Livingston County Board of Supervisors in 1979. The EMC has an authorized membership of 20 members, and there were 13 members in 2017. The membership is comprised of representatives of agriculture, general citizenry, and industry-commerce. The EMC was established as a step to foster coordinated action on environmental issues among local governments and public and private organizations within the County. Its charge is to work cooperatively with the Board of Supervisors, local municipalities, and citizens of the County on the protection, preservation, development, and use of the County's natural resources.

Environmental Management Councils (EMCs) were established in New York State under Article 47 of the Environmental Conservation Law passed in 1970. These boards were optional and consisted of volunteers meant to advise the county governments and connect the community and the county. The Livingston County EMC is one of 25 EMCs active in New York State today.

The history of the Livingston County EMC has been compiled into a report, "30-Year History: The Livingston County Environmental Management Council," which synthesizes 30 years of history and documents the important and diverse services that the Council has provided.

This Livingston County EMC Annual Report documents the activities of the EMC from January 1, 2017, through December 31, 2017, and provides a proposed program for 2018.



2017 Activities

Work Plan

The Livingston County EMC Work Plan reflects the mission of the EMC, identifies the activities that support the mission, and tracks the progress of those activities. The Work Plan recognizes and emphasizes the importance of education as a primary goal of the EMC and the importance of the EMC being a resource for municipal officials, environmental and governmental agencies, and the community.

Education



With a strong emphasis on sustainability, solar energy and water education, the EMC developed a well-rounded Work Plan for 2017. The Plan focused on providing educational programs, tours and materials on environmental topics of concern or interest. The EMC sponsored/co-sponsored programs engaged municipal officials, community members, and interested agencies or parties from 2 counties and 16 municipalities, and reached over 230 participants in total.

**Tour:
SUNY Geneseo
eGarden Barn**



Letchworth State Park Tour, 2017

Sponsored by the Livingston County Environmental Management Council



Education (continued)



Swanson Osage Farm Tour, Mount Morris

The EMC sponsored or co-sponsored the following educational workshops and tours in 2017:

- ◆ Save our Hemlocks from Hemlock Woolly Adelgid, Geneseo, NY
- ◆ Annie Proulx's Barksin Book Review, Geneseo, NY
- ◆ Introduction to the Finger Lakes Water Hub & DEC Water Program Updates, Avon, NY
- ◆ Annual Letchworth State Park Tour, Lower Falls, Castile, NY
- ◆ SUNY Geneseo E-Garden Tour, Geneseo, NY
- ◆ Swanson's Osage Farm Tour, Mount Morris, NY
- ◆ Overview of the FEMA/National Flood Insurance Program, Livonia, NY

Membership & Meetings

The EMC has representation in three broad categories of agriculture, industry-commerce and general citizenry. The Council proudly recognizes the commitment of several long-term members, David H. Swanson (34 years), David W. Parish (35 years), Robert Donnan (31 years), Susan Walker (23 years) and William McCleary (19 years).

Please call the Planning Department at (585) 243-7550 or (585) 335-1734
if you are interested in joining the EMC.

Membership List 2017

	<u>Original Appointment</u>		<u>Original Appointment</u>
<u>AGRICULTURE</u>		<u>GENERAL CITIZENS</u>	
Robert Donnan (York)	3/86	Ray Case (Livonia)	3/10
David H. Swanson (Mount Morris)	2/82	Barry Ganzhorn, Sr. (Caledonia)	9/08
Susan Walker (Springwater)	5/94	William McCleary (Livonia), <i>Vice Chair</i>	8/98
Ben Gajewski (GVC/Geneseo)	5/13	David W. Parish (Geneseo)	11/82
1 Vacancy		Alex Pierce (Nunda), <i>Chair</i>	1/13
		Wendy Stevenson (Springwater)	4/08
<u>INDUSTRY-COMMERCE</u>		Dan DeZarn (SUNY Geneseo)	5/15
5 Vacancies		Darlene Necaster (SUNY Geneseo)	5/15
		Carolyn Tinney, <i>Secretary</i>	7/15
		1 Vacancy	

The EMC meets on the fourth Wednesday of every other month. All meetings are open to the public.

Earth Day Award

In observance of Earth Day, the EMC began the Earth Day Award Program that provides recognition to an individual(s), organization, group, or business for outstanding achievements in preserving or improving Livingston County's environment or educating others about Livingston County's environment.

The Livingston County Environmental Management Council selected Randy French as the 2017 EMC Earth Day Award recipient. The EMC recognized Mr. French for over 35 years of dedicated service to the science and environmental education of both youths and adults. As a Geneseo Central School Science Teacher, Mr. French provides a rigorous curriculum that brings real world experiences to the classroom, encourages students to connect with their social and natural communities, and inspires hardworking and environmentally engaged students.

The Environmental Management Council was impressed with Mr. French's role as teacher, advisor and mentor, and the community partnerships that he has developed to provide his students with field and research experiences. The EMC highlighted the state and national distinction he achieved through the New York State Master Teacher Program and the National Geographic Grosvenor Teacher Fellow Program, recognizing his exemplary work as an educator.



Current EMC Chairman Alex Pierce (right) congratulating Randy French, as the Livingston County EMC 2017 Earth Day Award recipient

Livingston County EMC 2017 Earth Day Award accepted by Randy French, Geneseo Central School Science Teacher, from Livingston County Board of Supervisors Chairman Eric Gott



Livingston County EMC 2017 Earth Day Award recipient Randy French is joined by (from the left): past EMC Chairman Ray Case, Mary Underhill from the Planning Department and current EMC Chairman Alex Pierce.



Website Content

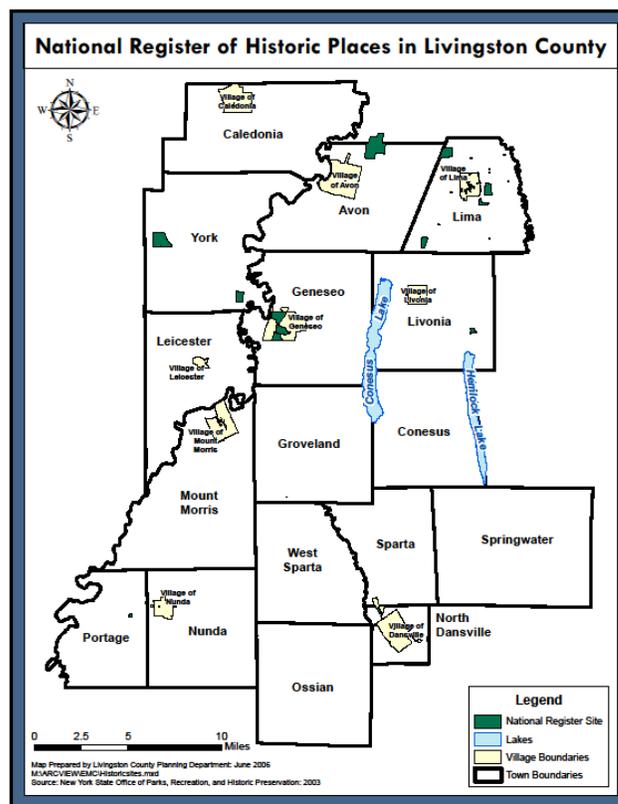
The EMC works to enhance awareness of the EMC and promote access to local and regional environmental resources through website resources. The Livingston County EMC website was first created in March 2001 (www.livingstoncounty.us/emc). The site provides a description of the EMC, a list of current members, and information on meeting dates and times. The site also has a link to EMC Annual Reports, the EMC 30-Year History Report, the Livingston County Natural Resources Inventory, the Earth Day Award Program and EMC sponsored events.

Environmental Inventory

As per the New York State Environmental Conservation Law, Section 47-0107(5-a), one of the primary goals of the EMC is to develop and maintain an inventory of natural resources within Livingston County. A major undertaking of the EMC has been the development of the Livingston County Natural Resources Inventory (NRI). Over the course of many years, the EMC worked diligently to compile information on Livingston County's natural and historic resources, engage local governments in the identification process, and produce NRI Volume I in 2005 and Volume II in 2007. The full NRI was published and widely distributed to Towns, Villages, local libraries, and other interested parties in 2007.

The NRI is available on the Livingston County website, and it is utilized by the Livingston County Planning Board regularly. NRI comments are included in the Livingston County Planning Board staff reports, which are generated for County Planning Board zoning referrals. NRI comments provide information on the presence and location of natural and historic resources and advisory comments regarding impacts. The EMC continues to receive updates from the Office of Parks, Recreation and Historic Preservation whenever a site is accepted to the State and National Registers of Historic Places. Another new resource is the Genesee-Finger Lakes Regional Inventory of Culturally Significant Areas. The EMC anticipates conducting periodic updates of the NRI.

In 2017, the EMC identified the need for an update of the Natural Resources Inventory and is in the process of identifying new resources and maps that need revision.



A map included in the Livingston County Natural Resources Inventory (NRI)

Regulatory Environment

The EMC assembles and reports information on the status of regulatory permitting and redevelopment programs that may have an impact on local communities. In 2017, the EMC reported regularly on NYS DEC Environmental Permits, State and Federal Proposed Regulations, and the NYS DEC Brownfield Clean-up Program, as information became available.

County/Regional Projects & Communication

Conesus Lake Watershed Management Plan (CLWMP)

In 1998, the EMC recognized the need for a Conesus Lake Watershed Management Plan and expressed a willingness to participate in the planning process. Increasing development pressure, degradation of the water quality in the Lake, and more stringent Federal and State standards for public drinking water supplies made it crucial that a comprehensive watershed management approach to conserving and protecting Conesus Lake be developed. Two EMC members served on the CLWMP Policy Committee, which was the official decision-making body during the creation of the Plan. EMC participation on the CLWMP Policy Committee continued through 2003.

After the Plan was completed in 2003, the Conesus Lake Watershed Council (CLWC) was created in December 2003. The CLWC is responsible for Plan implementation and support of the Conesus Lake Watershed Inspection Program. The EMC receives updates on the implementation efforts and activities and water quality issues at each bi-monthly meeting.

Communication with the Board of Supervisors

A goal for 2017 was to continue a dialogue with the Livingston County Board of Supervisors through the Public Services Committee to maintain communications, foster good relations, and gain a better understanding of how the EMC can best serve the County's environmental needs. The Planning Department continued to communicate bi-monthly activities of the EMC to the Board of Supervisors and the Public Services Committee. In April 2017, EMC Chairman Alex Pierce presented to the Livingston County Public Services Committee, providing an overview of the EMC.

County and Regional Projects

One of the primary goals of the EMC is to act as a resource for Livingston County. The EMC works to provide municipalities with educational and environmental resources. The EMC has identified that countywide communication is a way to meet this goal by connecting municipalities with resources that assist them in increasing energy efficiency, reducing energy costs, and accessing low or no-cost funding sources.

Throughout 2017, the EMC actively participated in several regional projects providing representation on or contributions to committees, projects or programs:

- ◆ Served on the Livingston County Transportation Advisory Committee Environmental Work Group.
- ◆ Acted as a regional source for solar energy information, providing resources and materials to many Livingston County municipalities and landowners.
- ◆ In response to the County Administrator's interest in Livingston County facilities improvements and clean energy actions, the EMC investigated high impact actions and programs, such as the Clean Energy Communities Program. Support was provided to the Livingston County Department of Health in the procurement of the first electric hybrid vehicle in the County fleet.

Participation in Other Activities

The EMC participates on committees and in meetings and events as needed. EMC members report back to the committee as a whole on their findings and/or their participation. In 2017, the EMC maintained ongoing communication with neighboring Monroe and Steuben County EMCs.

2018 Proposed Program & Activities

Work Plan

The 2018 EMC Work Plan identifies the mission of the EMC and the proposed 2018 activities that support the mission, and will be used to track the progress of those activities. The completed Work Plan will be incorporated into the EMC Annual Report. The EMC has identified the following priorities for 2018: training and education with a special focus on invasive species, Earth Day Award, membership recruitment and the promotion of alternative/clean energy strategies and development.

Education

The Livingston County community is eagerly anticipating the opening of the new Watershed Education Center, in Vitale Park, in the Town of Livonia. The first of its kind in Western New York, the Watershed Education Center (WEC) will function as a center for citizen science programming, invasive species monitoring, and for a monthly speaker series on watershed topics. The speaker series will be held in the Chip Holt Nature Center in the beginning of 2018, as the Watershed Education Center is due to open later in 2018. The EMC is planning to sponsor/co-sponsor the following programs in 2018:

- ◆ What is a Watershed & Our Impacts of the Lake
- ◆ Native & Non-Native Terrestrial Invaders
- ◆ Stormwater Management & Erosion Control Workshop
- ◆ Aquatic Invaders & iMap Training
- ◆ Understanding the Flood Insurance Program
- ◆ Planning & Zoning for Solar
- ◆ Guidelines for Solar Siting on Agricultural Lands
- ◆ Sediment & Erosion Control
- ◆ Landscaping & Best Management Practices
- ◆ Harmful Algal Blooms (HABs)
- ◆ Annual Letchworth State Park tour
- ◆ Forestry
- ◆ History of Conesus Lake
- ◆ Hunting Tips/Secrets & Safety

Town of Livonia's Watershed Education Center program details...

Go to: <http://www.conesuslake.org/>

First Annual Livingston County Community Clean Up



The EMC is supporting the First Annual Livingston County Community Clean Up, scheduled for Earth Day weekend, April 21 - 22, 2018. All community groups, local organizations and individuals are welcome to join as we work together to Clean Up our communities.

Opportunities to organize an event or join one of many pre-scheduled events are available. To register a Clean Up Event or see where you can volunteer, visit:

<http://www.livingstoncounty.us/cleanuplivco>



Membership

The EMC will continue ongoing membership recruitment from all three broad categories of agriculture, industry-commerce, and general citizenry. For 2018, the EMC has developed a plan for recruiting new members, especially from the industry-commerce sector. Parties interested in joining the EMC can call the Planning Department at (585) 243-7550 or (585) 335-1734 for more details.

2018 Meeting Schedule

January 24, 2018

September 26, 2018

March 28, 2018

November 28, 2018

May 23, 2018

(4th Wednesday)

July 25, 2018
(Letchworth Tour)

The EMC meets on the fourth Wednesday of every other month. All meetings are open to the public.

Earth Day Award

The EMC will continue to utilize and enhance web resources to promote the awareness of the EMC and encourage access to local and regional environmental resources. The Livingston County EMC website will be updated in 2018 to include membership information, links to the 2018 Annual Report, and the 2018 Earth Day Award Program and Nomination form. For EMC educational programs, postings of program flyers, location maps and presentation materials will be added to the EMC Events section of the website, when available.

In addition, the EMC will review existing municipal and environmental websites to explore additional educational opportunities, links, and resources that may be used to enhance Livingston County web resources.

In support of the global observance of Earth Day and the concern for protecting and preserving the environment, the EMC will continue its award program where an individual(s), organization, group, or business is recognized for their positive contribution to the natural environment in Livingston County.

The EMC will publicize its award program through press releases, contact with school officials in the County, Town Supervisors and Village Mayors, Livingston County Chamber of Commerce, SUNY Geneseo, NYSDEC, in local advertisements and through EMC members. Nominations may be presented by both the public and private sector. Nominees are not required to reside in the County, but the actions and achievements on which the nomination is based must have occurred partially or wholly in Livingston County. Members of the Livingston County EMC are not eligible to receive the award.

Nominations may be for outstanding technical contributions to the environment or for contributions of time and energy toward a positive environmental goal or objective. Such activities may have occurred during the previous year or may be recognition of efforts over many years' time. The accomplishment must be based on work above and beyond what would be considered as regular duties.

The annual Earth Day Award is selected at the regularly scheduled March meeting of the EMC.

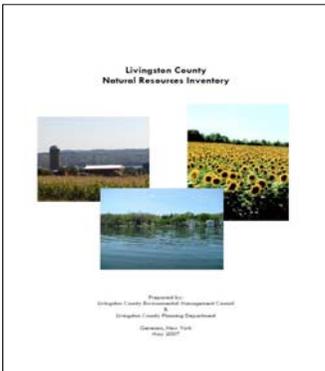


Website Content

The EMC will continue to utilize and enhance web resources to promote the awareness of the EMC and encourage access to local and regional environmental resources. The Livingston County EMC website will be updated in 2018 to include membership information, links to the 2017 Annual Report, and the 2018 Earth Day Award Program and Nomination form. For EMC educational programs, postings of program flyers, location maps and presentation materials will be added to the EMC Events section of the website, when available.

In addition, the EMC will review existing municipal and environmental websites to explore additional educational opportunities, links, and resources that may be used to enhance Livingston County web resources.

Environmental Inventory



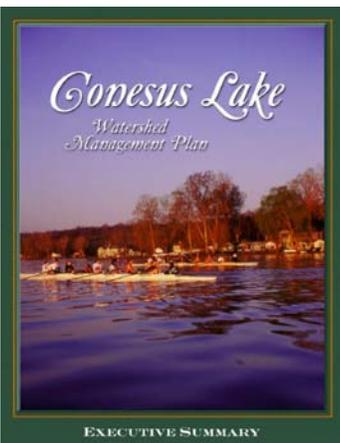
The EMC will continue to act as a resource for Livingston County environmental information and data, with a goal in 2018 to continue the Livingston County Natural Resources Inventory (NRI) update. This will include the assessment of the existing NRI and the identification of new resources and those that need updating.

Regulatory Environment

The EMC will continue reporting information on the status of regulatory permitting and redevelopment programs with potential local impact, including the NYS Department of Environmental Conservation Environmental Permits and Brownfield Clean Up Programs.

County Projects & Communication

Conesus Lake Watershed Management



Planning Department staff will continue to update the EMC on the progress of Conesus Lake Watershed Management Plan recommendation implementation.

Communication with the Board of Supervisors

The EMC will continue its normal activities and assist the Board of Supervisors. The Planning Department will communicate the activities of the EMC to the Board of Supervisors Public Services Committee. The EMC will present the 2017 Annual Report to the Public Services Committee in 2018. The EMC will also invite members of the Public Services Committee, or a representative from the Committee, to attend EMC meetings in 2018.

Participation in Other Activities

EMC members will continue to participate on committees and in meetings and events as needed, and provide reports to the EMC as a whole on their participation or findings.

**Livingston County Environmental Management Council
2018 Work Plan**

Mission Statement:

The charge of the Livingston County Environmental Management Council is to work cooperatively with the Board of Supervisors, local municipalities, and citizens of the County on the protection, preservation, development, and use of the County's natural resources.

2018 Activities:

#	Description	Work Tasks	Lead/responsibility	Anticipated Completion (Qtrs)	Accomplishments to Date
Education					
1	Provide educational programs or materials on environmental topics of concern or interest. Includes development and distribution of promotional materials, press releases, educational pieces, flyers and website information. Target audiences include municipalities, environmental or governmental agencies and community at large.	Sponsor or co-sponsor educational programs and workshops on environmental topics, including support of the Watershed Education Center program & activities. Programs will be promoted to target audiences.	Planning Dept; all members	Q1 - Q4	
2		Provide invasive species educational materials and resources to municipalities and community members including Emerald Ash Borer (EAB) and Hemlock Woolly Adelgid (HWA).	Planning Dept; Alex Pierce; Ray Case	Q1 - Q4	
3		Provide alternative energy & green infrastructure materials & resources to municipalities and community members.	Planning Dept	Q1 - Q4	
4		Provide educational materials & resources to municipalities & community members on other environmental topics , including grant opportunities.	Planning Dept; all members	Q1 - Q4	
5		Promote USACE Mt Morris Dam Discovery Series & Humphrey Nature Center at Letchworth State Park Lecture Series.	David W. Parish, Alex Pierce, all members	Q1 - Q4	
6		Annual Letchworth State Park tour, attend and promote.	Planning Dept	Q3 - July	
Membership					
7	Ongoing membership recruitment and promotion of current membership.	Work on activities that recruit new members.	Planning Dept; all members	Q1 - Q4	
8		Include current membership information on EMC webpage.	Ray Case; Planning Dept	Q1	

**Livingston County Environmental Management Council
2018 Work Plan**

#	Description	Work Tasks	Lead/responsibility	Anticipated Completion (Qtrs)	Accomplishments to Date
	Earth Day Award				
9	Provide recognition to others for outstanding achievements in preserving or improving Livingston County's environment or educating others about Livingston County's environment.	Annual Earth Day Award - review materials, nominate & select recipient. Present award at Board of Supervisors meeting.	Planning Dept; All members	Q1 - Q2	
	Website Content				
10	Continue to enhance awareness of the EMC, and promote access to local and regional environmental resources.	Update information on EMC webpage as needed.	Planning Dept	Q1 - Q4	
	Environmental Inventory				
11	Prepare and disseminate Livingston County environmental information, data & maps. To be used as a local planning and project review tool, for county and regional project assessment, and to increase community awareness of natural resources.	Identify resources needing updates. Distribute new resources, such as Genesee/Finger Lakes Regional Planning Council Culturally Significant Areas and Livingston County Steep Slopes.	Planning Dept	Q1 - Q4	
	Regulatory Environment				
12	Assemble and report information on the status of regulatory permitting and redevelopment programs that may have an impact on local communities.	Review and comment on SEQR & Environmental Impact Statement for American Rock Salt - Hampton Corners Mine Underground Expansion	Planning Dept; all members	Q1 - Q4	
13		Report on NYSDEC Environmental Permits.	Barry Ganzhorn	Q1 - Q4	
14		Report on State and Federal Proposed Regulations.	Planning Dept	Q1 - Q4	
15		Report on U.S. Environmental Protection Agency (EPA) Brownfield Clean-up program & Office of Parks, Recreation & Historic Preservation (OPRHP) National Register listing activities.	Planning Dept	Q1 - Q4	
	County/Regional Projects & Communication				

**Livingston County Environmental Management Council
2018 Work Plan**

#	Description	Work Tasks	Lead/responsibility	Anticipated Completion (Qtrs)	Accomplishments to Date
16	EMC will continue dialogue with Board of Supervisors through the Public Services Committee to maintain communications, foster good relations and gain a better understanding of how the EMC can best serve the County's environmental needs.	The Planning Department communicates bi-monthly activities of the EMC to the Board of Supervisors & Public Services Committee. EMC Chair presents to the Public Services Committee in April.	Planning Dept; Alex Pierce	Q1 - Q4	
17		Livingston County Facilities improvements - provide input on County energy projects as needed. Investigate clean energy initiatives & provide support to the County & municipalities for clean energy actions.	Planning Dept; Dan Dezarn, SUNY	Q1 - Q4	
18		Prepare & approve EMC Annual Report, 2017. Distribution includes Public Services Committee & Board of Supervisors.	Planning Dept; all members	Q1 - Q2	
19		Update on the Conesus Lake Watershed Management Plan (CLWMP) and water quality issues.	Planning Dept	Q1 - Q4	
20		Participate in Livingston County Transportation Advisory Committee Environmental Work Group.	Wendy Stevenson, Alex Pierce	Q1 - Q4	
21		Provide input/receive updates on the Livingston County Water Supply Update Project.	Planning Dept	Q1 - Q4	
Participation in Other Activities					
22	Participation in local & regional committees, meetings and events, as needed. EMC members will report back to the EMC on their findings/ participation.	Participation in public hearings and other meetings regarding regional projects as needed.	All members	Q1 - Q4	
23		Participation in Monroe County EMC meetings and programs, as interested. Report back to the EMC on their findings/ participation.	All members	Q1 - Q4	