Holland Township Environmental Commission Minutes

March 1, 2023 7 PM Meeting

Chairman Keady called the meeting to order, "I call to order the March 1, 2023 Regular Meeting of the Holland Township Environmental Commission. Adequate notice of this meeting was given pursuant to the Open Public Meeting Act Law by the Environmental Commission Secretary by:

- 1. Posting such notice on the bulletin board at the Municipal Building
- 2. Publishing the notice in the December 8, 2022 edition of the Hunterdon County Democrat
- 3. And faxing to the Express-Times for informational purposes only. "

All recited the pledge of allegiance.

All were reminded to turn off their cell phones or put them in silent mode.

Members Present: Regina Barna, Jerry Bowers, Mike Keady, David Harrison, Davina Lapczynski (arrived 6:45 pm from another meting), Ray Note, Dwight Pederson, Township Committee Liaison Duane Young, and Land Use Administrator (LUA) Maria Elena Jennette Kozak.

Excused Absent: Township Committee Alternate Liaison Bush

Let the record show we have a quorum.

Minutes: A motion was made by David Harrison and seconded by Jerry Bowers to approve the minutes of February 1, 2023 as presented. All present were in favor of the motion with the exception of David Harrison who abstained. Motion carried.

2023 Goals were distributed.

Draft Environmental Commission Goals 2023

Mission Statement: As stewards of the natural habitat of our community, the Environmental Commission seeks to protect and enhance the Township's natural resources and to educate the community about their care and recreational use.

Goals

- Water and Waterways
 - Musconetcong River: Inform the community regarding its Federal designation as a Wild
 & Scenic River. Encourage recreation and protection.
 - o Continue to participate in the Musconetcong Wildlife Management Council.
 - o Delaware River: Promote access, responsible use and clean up
 - Stormwater:
 - Promote understanding and adoption of best practices
- Wildlife & Plants
 - o Recognize the value of and encourage use of native plants.
 - Provide information about invasive plants and discourage the purchase and installation of invasives.
 - Protect and promote wildlife-friendly habitats.
- Trails
 - Promote use of Township trails.

- o Support upkeep and maintenance of Township trails.
- o Continue placement of Birds & Trees checklist at trail kiosks.
- o Plan trail trips for O'sakame and Holland Trail using Birds and Trees Checklists.

Trees

- Identify trees and facilitate public learning about Township trees.
- o Continue to implement activities included in the Community Forestry Plan.
- Community Education and Outreach
 - Update the Environmental website and social media
 - Continue the Environmental Commission Speakers Series
 - Provide articles for Holland Happenings
 - Seek publicity in local media by issuing news releases

Goals presented and discussion took place. We can take care of trees on easement property but cannot tell people what to do on their property. We do not have space to really plant tree on Holland property in bulk. Consider when loosing ash trees, nature forms a vacuum and other trees will seed in to the opening in the canopy. Short of giving away seedlings we are not sure how to really replenish the tree canopy in Holland Township. Grants should be available but we would need to see where we could plant in Holland as reforestation which is more of a township conversation. Some more conversations took place about exploring the topic of invasive species of which the suggestion is to contact Rutgers.

Mr Keady to revamp and then send the final version to LUA Kozak for submission to the Township Committee. The Township Committee meeting is Tuesday March 7, 2023.

Trails Subcommittee – Jerry Bowers, Ray Note and Regina Barna - O'sakame Preserve – The county is working on the updated map which we can then update the Holland Township website. .

Community Forestry Management Plan – Ray Note, David Harrison, and Secretary Kozak

CFP 2023 Goals (as outlined by Member Harrison)

- 1) Arbor Day Tree Planting
- 2) Explore the feasibility of Tree City USA certification
- 3) Track hours and expenditures for Community Forestry Program
- 4) Complete annual training requirements minimum of 8 CEU's
- 5) Identify and label individual trees on township properties
- 6) Continue and improve outreach efforts at community events
- 7) Submit 2 tree or forest related articles to local and regional newspapers and township website
- 8) If funding is available, apply for a township seedling giveaway
- 9) Apply for CSIP funds to develop a Forest Stewardship Plan for township owned land and a baseline study and mapping project on conservation easements
- 10) this is the extra one from 2024 Reevaluate hazard trees and update the list.

Tree City conversation – the feasibility is not feasible based on the township's review in prior years. Member Harrison has notes from past discussion and Chairman Keady said he remembered the program as basically putting restrictions on property owners and based on past conversations neither the township committee nor the environmental commission are support of that topic.

LUA Kozak asked everyone to keep track of their hours pertaining to trees for the whole year. Tracking sheets are available upon request. This is important for our annual report. Please keep track. Also, LUA Kozak reminded everyone that if when they participate in a CEU program to please send her any confirmation of attendance so she can work with the state to make sure we receive the proper credits.

Seedling Distribution. The EC submitted the application and committed to the giveaway of Saturday April 22, 2023 with tree pickup of April 20th. We would need to set up by 8am with distribution being 9am at the Recycling center. The Boy Scouts would like to help with this event as well. Ray Note agreed to pick up the seedlings from the distribution pickup location. We are waiting for the state to confirm availability. Details to follow.

Arbor Day/Earth Day - - the actual day is April 28th. The HTEC celebration will be April 29th which is a Saturday. We will have a tree planting. A goal is to get the youth involved with the celebration. Discussions on teaching the youth how to locate a tree and having them help us with the tree label program. The Township Committee is also invited. Pictures are taken. LUA Kozak worked with the Township Committee with tree location and they committed to purchasing 2 trees to be planted at O'sakame Preserve.

Gore Tree Planting and celebration of life: LUA Kozak explained that past member Henry Gore had passed away in 2020 and that members of the family and the EC donated money to a tree fund that would help offset a tree to be planted in Mr. Gore's name. Life really got in the way and the family is circling back to the celebration of life with the goal of this happening this year. LUA Kozak is working with Mr. Gore's daughter and will keep the Environmental Commission members included. The hard part has been trying to locate the tree that Mr. Gore spoke about at many an Environmental Commission meeting, the American Chestnut. Member Harrison and LUA Kozak have been searching for an American Chestnut for a few years now and all the leads come up empty handed. More details to follow.

Tree Map update – LUA Kozak is working with Dwight Pederson. The Google account has been created. Dwight Pederson will review this.

Trees of Holland changes to the website. A redesign has been in the works.

Stormwater Education – Mike Keady, Jerry Bowers, Davina Lapczynski and Maria Elena Jennette Kozak –

It was explained that Tier B to Tier A is the focus of the Township. The decision to go from Tier B to Tier A was that of the state and LUA Kozak explained that there is money from state and Highlands to make more progress with the reassignment. The Environmental Commission will still do education but we are on hold for now. The Governor said 20 million is being assigned to stormwater with tier a getting some but tier b getting more grant money. Also the Highlands Council is willing to help. All the money to be used is to help Holland Township plan for the reassignment. The Highlands Council often refers to Holland Township as a poster child and continue to want to partner with us. More to follow.

Highlands Conformance – Jerry Bowers, Mike Keady and Dwight Pederson. –More information will follow as updates are available. Discussion about the EC responsibility took place which circled back to there is nothing to report at this time as the professionals are working on proposals. Everyone understands that most topics that

were to be pursued have been put on hold due to the state requirement to reassign us from Tier B to Tier A regarding Stormwater.

Community Education and Outreach – Jerry Bowers, Dwight Pederson, and Regina Barna – The EC webpage is: http://www.hollandtownshipnj.gov/bds-committees/environmental-commission. Everything will first go to someone on Community Education and Outreach for review and then to Secretary Kozak for distribution to the website or Facebook.

Guest Lecture Series is under Community Education and Outreach

Environmental Commission Speaker Series

2023 Talks - See below for more on the current program

Date	Program	Presenter	Place	Room
Jan. 19, 2023 - 7pm	Hiking the Highlands Trail	Zac Cole	Holland Municipal Building	Meeting Room
April 26, 2023 - 7pm	Musconetcong Wild and Scenic	Alan Hunt	Riegel Ridge CC	Library
June 28, 2023 - 2pm	Walk and Talk about Trees	Hunterdon County Naturalist - Debra Reed	Riegel Ridge Holland Park	Holland Trail
July 19, 2023 - 7pm	Coexisting with Coyotes	Debra Reed	Riegel Ridge CC	Library
Sept 27, 2023 - 7pm	Create a Wildlife Habitat in Your Yard	Rutgers Wildlife Habitat Kathleen Kerwin	Holland Municipal Building	Meeting Room

To be informed about upcoming talks or with speaker ideas, sign-up here Speaker Series Email List (https://cities.formstack.com/forms/holland-ec-cont

Inventory of Fauna and Flora subcommittee - David Harrison, Dwight Pederson, Ray Note – David Harrison is working on a list of birds and trees etc.

Musconetcong River Management Council – Dwight Pederson NRMC February 21, 2023

The meeting was brought to order by Chairman Charlie Fineran at 7:03 on Zoom. Participants included:

William McQuade Albert Krouse

Marsha Benovengo **Dwight Pederson** Cathryn Schaffer Steve Rattler Nancy Roberts Lawler Tom Dallessio Christa Reeves James Mcmekin Mike Mancuso Christopher Sotiro Craig Fleming Cinny MacGonagle Steven Gransky Laura Tessieri Steve Rattner Bianca Chevresst Casey Ezyske William Leavens Pam Bailey Paul Kenney Craig Fleming.

Guests included Chief Vincent Mann, Michelle Picaro, Jen Noblejas, Meiyin Wu, Peter Deluges, and Robbie Lynn Mwangi. River Administrator Alan Hunt also attended.

A quorum was achieved. Notice of this Meetings was published in the Star Ledger and the Express Times in accordance with the NJ Open Public Meeting Act.

After a flag salute, on a motion was made by Steve Rattler that was given second by Charlie Fineran, the minutes of the December, 2022 meeting were accepted as previously distributed.

Under the first order of business, Robbie Lynn Mwangi of the Lebanon Museum presented on a fishing exhibit that the museum is will be offering in April. She noted that the Musconetcong River has had a lot of influence on the museum and they are expanding on that relationship. They are providing education on the river and on the Wild and Scenic designation. She presented a brochure announcing the event. That will be shared wherever possible. Chief Mann was more than happy to work with every organization in the Council, including the museum. He can provide some background on native fishing.

Nancy Roberts Lawler noted that Robbie-Lynn Mwangi should be added to the Council's standing committee on Cultural Resources. She accepted.

The next order of business was new business. Christa Reeves and Dr. Wu presented their latest information on tracking sources of bacteria in the middle reaches of the Musconetcong. Rutgers had previously performed a water quality/quantity study from Hampton to Person Road, Bloomsbury. They found violations for a number of impairments. Findings urged that river restoration and best practice management practices are recommended and implemented where possible. This resulted in tremendous success ten years later. In 2018, the river was revisited to evaluate the practices. The study concluded that source tracking was valuable. Human, cow, and geese DNA were detected. There was an increase noted in Total Suspended Solids and an increase in Ph and fecal input. However, there was decrease in fecal coliform contamination from upstream sites.

The next study followed to use 319 grant funding from the Clean Water Act to extend the study upstream. Based on previous studies, there was a 93% decrease in fecal loading in that portion of the river above Hampton. There are a total of nine sites on the river looking at human, wildlife, and agricultural inputs. Sites are monitored five times per month for different parameters such as temperature and dissolved oxygen as well

as data from microbial source tracking. This is all leading toward a method and procedures to remediate overload conditions. Results will be continually evaluated along these sections of the river.

What are the impacts of the data? At Hampton, 50% of the area is forested, 26% is urban. Restoration activity is proceeding along 9% of the river. The overview at Hampton Park focuses on violations. There were two violation for TSS. The microbial source tracking results were quite variable but exceeded the single sample maximum on a number of occasions in 2021. Note that very high rain events flushed e Coli into the river. The majority of those violations were identified as being from human sources.

Moving upstream toward Lebanon, half of that area is crested. There has been no restoration activity there. There was one violation for pH and one for TSS that exceeded the maximum. There were more exceedances for eColi and the identified source there was geese.

Up to Point Mountain, half of the immediate area was forested with 27% agriculture. 2.5% of the river has been restored. There were no violations except in e Coli - about half of the samples exceeded and the bulk of those were human sources.

Up to Waters Road, there was active culvert work in the area, limiting the testing. The bulk of this land area -74% was in agriculture. There has been substantial cover cropping. The results showed pH and TSS concentration violations. E Coli showed more than half of the sample violations were attributed to human sources along with goose and cow.

Up to River Road (Willy's Wieners), there were no violations and fewer e Coli violations - all were of a human source.

At Stephensburg Brook, the surrounding area is mostly urban and wetlands. There was one violation for TSS and there were e Coli events but they were considerably smaller.

At Hances Brook, 42% of the area was forested with 30% in agriculture and 20% urban. There was one pH violation and considerable e Coli violations that were severe. Every day exceeded the maximum, hundreds of times over the standard. This was human, cow and goose source.

At Kings Highway - 40% of the area was forested with 36% urban. There were no violations at the site and e Coli results were all human but not so severe as some downstream sites,

Rt 57 (Dairy Queen). 51% is forested and the bulk of the remaining area was urban. There was no river restoration activity there. There was one temperature violation but that may be due to the late time of day that the sample was taken. E Coli results showed that half of the days measured exceeded the limit.

Overall, the load increase in e Coli was measured and portrayed. Human and geese were the primary sources of e Coli exceedance. The bacterial results showed that 100% of the main stem and 94% of the tributaries exceeded bacterial thresholds. Other than e Coli, weather events, restoration activities have not had that much of an impact but most of that has been agricultural cover cropping. Most of the exceedances were in TSS and e Coli.

The next steps are to form stakeholder groups, create a technical advisory committee and create and implement a plan to implement best management practices. Please contact Christa at Musconetcong Watershed Association to be a part of this ongoing work.

Charlie asked what 'violation' meant? That is determined by surface water quality standards established by NJDEP. Meiyn Wu stated there were no documented violations. These were merely observations.

Marcia asked if the science was getting in the way of affecting popular understanding of water quality to change behavior and reduce these measurements? How do we educate people about addressing the problems that have been identified? Christa - this is why the Council is being asked to help. There is one side

of the scientific evaluation. There is quite another issue in fixing it. Laura Tessieri said "Absolutely". Or find a new way to deal with septic.

Mike Mancuso asked if the pheasant farm site was a factor in Mansfield. There was no specific source evaluated for that site.

Nancy Roberts Lawler indicated we have to 'right size' the message to the community. Don't alarm people, however we do want to compare these results with other rivers in the state. Don't be alarmist but do stress what Townships can do in adopting ordinances to address the primary issues. Marcia and Nancy were asked to join the group to help create the public message.

Meiyin noted that drinking water standards were higher, and that there are different water quality thresholds for different activities.

Chief Mann asked if there are waste management facilities along the Musconetcong and can they be improved. Christa replied there are the HMUA and the Musconetcong Sewerage Authority above that. There are stringent guidelines on what they can discharge and they keep good records. The suspicion is that high violation numbers come from unsewered areas.

Chief Mann also asked if impaired recreational standard water might affect fish. Dr. Wu responded that high concentrations of e Coli have not been measured for their impact on the fish population. Different fish species have different levels of tolerance for impairments.

He then asked about informing the public. This work is not so much about alarming people, it is important to present information so people adopt behaviors that address the situation. He has experience with significant impairments near his Ringwood area. He wondered if his group might be able to employ a 319h grant in his area. Contaminated water from near his site can affect the public water supply accessible to millions of people. Dr. Wu noted that 319h grants address non-point source pollution. There are other funding sources for point impairment. Chief Mann noted that there were no apparent controls in place.

Mr. Fineran thanked Christa and Dr. Wu and requested a motion to acknowledge and commend all of the agencies and personnel involved in this important work. Steve Rattler made that morion and Pam Bailey gave second. The motion passed unanimously.

Under New Business, Mr. Hunt announced that spiffy MRMC Polo shirts and gear are available for tabling and reporting events. MWA is ordering them. Alan will be sending out a message asking if Council members want to participate.

The National Park Service brochure is nearly complete for printing. Alan discussed detail changes and considerations. This work will be reviewed for comment one more time by our committees. The work on the brochure done this far was well received. The hope is to print in April and May.

Alan then reported on the University of Delaware economic study and presentation on the user values of the watershed. Putting a dollar value on those resources makes them more tangible to the public. The Board of Commissioners, staff of the counties and other groups will meet Monday the 27 at the Wayne Dumont building in Belvidere. Alan will put out information on that public meeting to the Council members.

Alan then gave his report as River Administrator. Significant development projects are starting to appear along the river. Mount Olive Township is looking at large housing developments along the river between the river and the Morris Canal. 3 or 4 acres of wetland will be filled in one proposed development. Franklin, Warren County has a warehouse proposal on the Heritage property near Route 78. The streams have been mapped and the applicant is looking at a large septic system. There are karst features in the area and partially treated wastewater may not be filtered so the river could be impaired. Those are the two of the more important proposals.

Paul Kenney (National Park Service) reported that he drafted a noticing rule for the Musconetcong Wild and Scenic. The Army Corps does not have jurisdiction for Clean Water Act enforcement. One provision in his proposed rule is for docks, but a private landowner might want one. This will be administered under the NJ Highlands rules and will be passed on to NJDEP for review. The Park Service does have authority on the river. Mike Mancuso asked who would adopt the rule? DEP would have to go through a rule making process. It is a long process, but the Commissioner of DEP does have the authority to adopt rules.

There were no committee reports.

Under municipal reports, Charlie reported that he had shared a story in the NJ League of Municipalities magazine about how Alamuchy had used funding for open space purchase. He also wrote how he had become involved in regional environmental issues. He put in a plug for everything Musconetcong. He encouraged that if you have an opportunity, promote what the Council and our members are doing.

Peter Deluges reported for Byram that they had been making mapping opportunities available to the public. They have also been addressing 'dirty dirt' through ordinances.

Marsha reported that TU teams participated in a fly fishing show to bring youth into fishing in order to appreciate the environment.

Tom Dallessio reported that MWA is working on the Vibrant Places program for Asbury. Kindly participate in the survey he will be distributing on what excites you about the village of Asbury.

Pam Bailey reported that she had presented a memo to Hampton. She wants a street sweeper machine to minimize roadway effluent that is going into the river. Alan can provide information on available grants.

Laura Tessieri reported that RC&D has a regenerative farm network. They are hosting training on climate-resilient farming. They also have a luncheon on regenerative energy assessment for farms and rural businesses - solar and wind installations - working toward a 40% grant though USDA, She also reported that there is a new River Friendly farm along the river.

Robert Delpizzo reported that he had been monitoring a number of proposed developments that have been proposed in Mount Olive and will continue to do so.

Albert Krause noted there would be a meeting on Feb 27 featuring that University of Delaware presentation in Warren County.

There being no further business to discuss, the meeting was adjourned at 9:10 P.M. on a motion by Mike Mancusco and a second that was given by Charlie and universally applauded.

Respectfully submitted,

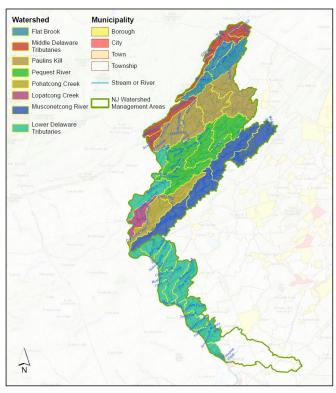
Bill Leavens

Economic Value of New Jersey Tributaries to the Delaware River

The University of Delaware Water Resources Center (UDWRC) worked with the Musconetcong Watershed Association (MWA) and Environment NJ (ENJ) to quantify the Economic Value of the Delaware River Tributaries in New Jersey above Trenton. These watersheds drain 908 mi² (1/10 of the New Jersey land mass) and are home to 282,673 people (3% of the state population) and host 93,387 jobs. Utilizing the principles of ecological economics, we found the water, natural resources, and ecosystems in the New

Jersey tributary watersheds to the Delaware River contribute an economic value of \$1.6 to \$2.3 billion annually to the regional economy in Mercer, Hunterdon, Morris, Warren, and Sussex counties. This report examines that economic value in three different ways:

- 1. Economic value directly related to the New Jersey tributary water resources and habitat. The New Jersey tributary watersheds contribute over \$1.6 billion in annual economic activity from water quality, water supply, fish/wildlife, recreation, agriculture, forests, and public parks benefits.
- 2. Value of goods and services provided by the New Jersey tributary watershed ecosystems. Using natural capital as a measure of value, habitat in the New Jersey tributary watersheds provide \$2.3 billion annually in ecosystem goods and services in 2020 dollars, with a net present value (NPV) of \$74.9 billion calculated over a 100-year period. The annual ecosystem services value of the New Jersey tributary watersheds is \$59 million in Mercer County, \$354 million in Hunterdon County, \$104 million in Morris County, \$858 million in Warren County, and \$920 million in Sussex County in northwest New Jersey.
- 3. Employment related to the New Jersey tributary watersheds resources and habitats. Using employment as a measure, natural resources within the NJ tributary watersheds directly and indirectly supports over 40,000 jobs with over \$2 billion in annual wages.



Delaware River Watersheds in New Jersey Above Trenton

Upcoming Save the Date Events!!

- ➤ Virtual River Talk (Feb 28, 7pm): What is Sustainable Development? Tying the UN Sustainable Development Goals to NJ Communities. Join the MWA for a virtual River Talk, which will take place on Tuesday, February 28th, 7:00 8:30p.m. Register: https://docs.google.com/forms/d/e/1FAIpQLScD6iA7tZLNFmvHrzZK9UFGPSi2ZvwAx8B52h--ytNFvdHbvA/viewform
- ➤ Watershed Allies Training: Engaging your Municipality on Development Decisions. Mar 09, 6:00 PM 8:00 PM MWA River Resource Center, 10 Maple Ave, Asbury, NJ 08802, USA https://www.musconetcong.org/event-details/watershed-allies-training-engaging-your-municipality-on-development-decisions-additional-date
- ➤ River Watcher Outreach Event: Salt Snapshot, March 11th. In-person at the Kohls in Mansfield. This is to understand road salt impacts to smaller tributaries and groundwater as baseflow conditions. Google sign-up link https://docs.google.com/forms/d/e/1FAIpQLSc0nZ3cMzeXBUKtEIXZp1PEow2u8LpknB2JpffK6_jff9eAGQ/viewform?usp=share_link
- ➤ River Talk (Mar 21 7pm): Agriculture in Northwest New Jersey Where We're at and Where We're Headed. 7-8:30 pm. Contact ryan@musconetcong.org for more information.
- ➤ River Watcher Trainings (March 30 6-8pm & April 2nd 10-12pm). River Resource Center, Asbury. Sign up link to Google sign-up https://forms.gle/nhR9M7ZHz7mBJykM9
- > Spring Native Plant Garden Volunteer Service (March-April): Contact ryan@musconetcong.org for more information.
- ➤ Virtual River Talk (Apr 4, 7pm): Glaciers, Mountains, Gorges, and Mud. The Human Geography of the Musconetcong Watershed. Contact ryan@musconetcong.org for more information.
- Annual River Clean Up. Saturday, April 15th, 9am. https://www.musconetcong.org/event-details/2023-musconetcong-river-clean-up-1

- ➤ Annual Run for the River, May 7, 10am, Asbury Firehouse. Walkers and families welcome. Sponsor or register: https://www.musconetcong.org/event-details/23rd-annual-run-for-the-river
- ➤ Watershed Allies Training: Making Your Public Comments Count. May 11 6-8pm. In person, River Resource Center, Asbury. Bring your own laptop or tablet to this event. Contact ryan@musconetcong.org for more information.
- ➤ River Watchers: Training for harmful algal bloom (HABs) monitoring May 23rd, 6-7pm and May 27th 10-11am. Both are in-person at the RRC. We may have an additional training at the Lake Hopatcong Foundation (TBD) no equipment required. Link to Google sign-up https://forms.gle/mK57RqpxH4m5rm5j6

Holland Township Sustainable Jersey Green Team – Davina, Mr Keady, Liaison Young – The goal is to keep the ec updated on the progress of the Green Team. A suggestion is that the Township needs to update the citizen volunteer form as the Green Team is not on it. LUA Kozak will mention to Clerk Tigar; however Township Committee Liaison Young will follow up. As of now, there has been no correspondence regarding the grant that the Green Team is seeking. An update will be shared upon receipt of correspondence.

Public Comment: There was no members of the public present.

Board Comment:

- Holland Happenings submittal deadline is March 8th.
- Holland Solar Project Dwight Pederson asked if an amended site plan application has been submitted. LUA Kozak stated that there has not been an application submitted for the solar project.
- Community Day EC supports an educational series the presentation from Tailwise with the series being "Science Heroes: Saving the Earth Together." Everyone please mark your calendars to attend Community Day (the first Saturday after Labor Day).
- Davina Lapczynski mentioned that she saw a Facebook post regarding people not picking up after dog. This inspired questioning the response that people should pick up after their dog using a bag that is not biodegradable when our state as banned plastic bags. She explored biodegradable dog do do bags which are made out of corn. Discussion of collecting poop in non-biodegradable vs biodegradable bags took place.

At 8:55 pm David Harrison made a motion to adjourn. Respectfully Submitted Waria Elena Jennette Kozak

Maria Elena Jennette Kozak Environmental Commission Secretary