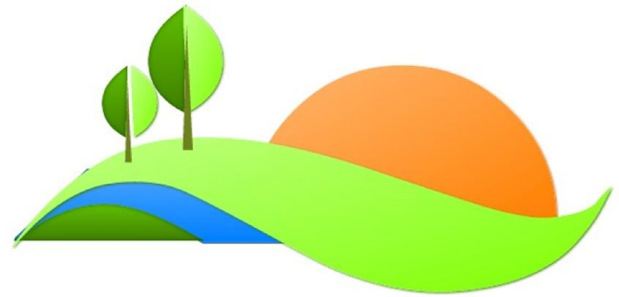


**Town of Coeymans
Minutes -
Conservation Advisory Council (CAC)
meeting
05/04/2017
Coeymans Town Hall–Main Community
Meeting Room**



Present:

Sylvia Lawler (Chair) (SL)
Daniel Bosworth (DB)
Michael McGuire (Vice-Chair) (MM)
Bryan Rowzee (Recording Secretary) (BR)
Joe Tracey (JT)
Ro Woodard (RW)

Absent: none

Also Present:

Barbara Heinzen (BH), John Bonafide, Ingrid Haeckel, Tom Sweeney

Meeting called to order at 6:07 p.m. by SL.

Topics

- Review NRI presentation to Coeymans Municipal Board Representatives
 - Discussion moderated by Ingrid Haeckel, Conservation and Land Use Specialist, Hudson River Estuary Program, on our NRI creation progress.
1. **Review NRI presentation to Coeymans Municipal Board Representatives.** CAC reported back on tri-board meeting, feedback received□.
 - a. The following people received CAC produced questionnaires regarding perceived needs related to a Natural Resource inventory: Ken Burns - Town Board, Tom Dolan (TD) - Town Board, George Langdon - Town Board, Jim Youmans - Town Board, Cynthia Kunz - Planning Board, Ten Eyck Powell - Zoning Board of Appeals.
 - i. No surveys have been returned.
 - ii. BH suggested that in the future all brief assignments be “completed in class” so that basic data is immediately available with more in depth thought possible from follow up contacts.
 - b. MM reported the Planning Board is warming to the idea of the benefit of the maps and the NRI materials as a usual supplement to their reference materials.

- c. MM commented Initially we may want to get grant funding for a laptop and a projector to be available for all municipal meetings. We (the CAC members) are pursuing Greenway grant funding for GIS software and a laptop.
 - i. Ingrid notes [ArcGIS](#) provides free accounts for story maps which combine GIS data with text content. Host up to 2 GB of GIS data at no cost. Some layers such as wetlands are available.
 - ii. In order to prepare the data, we would need a GIS license.
 - iii. MM the NRI does require official adoption therefor is is more easily editable.

2. Ingrid reported back on progress, and discussed plan for intern to start week of May 22

- a. Review and revise outline of inventory maps and discuss local data collection needs. (see appendix -Natural Resources Inventory Draft Outline of Maps)
 - i. Part 4 Steep Slopes. For Steep slopes, some information is available from the Onesthequaw Watershed Study (Available online in reference folder of Shared-CAC_Files)
 - 1. We are very interested in sea level rise locally
 - ii. Part 8 Groundwater and Drinking Water Supplies
 - 1. Ingrid has a contact Alicia Chey who recommends the Department of Health can provide groundwater and drinking water information.
 - iii. Part 10 Floodplains and Active River Areas
 - 1. wetlands associated with streams. The watershed areas is useful in conservation planning. Tracks risks. For erosion and having other impact on the streams.
 - iv. Part 12 DEC Waterbody Classifications
 - 1. The DEC classifies water bodies by their "best use" prioritized for drinking creation, trout.
 - 2. The maps often can include creation date metadata
 - v. Part 13 Priority Waterbody List/waterbody inventory and potential sources of contamination
 - 1. DEC monitors the bodies to flag areas for potential impacts for potential sources of contamination
 - 2. Lafarge did a health summary in 2010
 - vi. Part 14 General Habitats/Land Cover
 - 1. could include population density and urban clustering

- vii. Part 15 Stream Habitats
 - 1. Roy Lamberton has good stream information through his fishing experience and interest
 - viii. Part 17 Coastal Habitats
 - 1. We will add Scenic Hudson Sea-level rise mapper data
 - ix. Part 20 Historic Sites
 - 1. we have a great deal of materials provided by John Bonafide
 - x. ** We are advised to use the Rosendale NRI as a model. The community used their NRI to discuss the Pilgrim pipeline with successful educational components.
 - xi. BH we would like to have five keys map layers and allow people to find their own parcels to discover "What is special about my property?"
 - 1. * Consider gamification perhaps to thoughtfully engage citizens
- b. Agenda for first public meeting
- i. Fran Dunwahl to present locally an overview of the Hudson.
 - ii. Ingrid will present the habitat summary at that meeting.
 - iii. Then will will provide an open Q and A
 - iv. CAC hopes for a turnout of at least 30-40 community members
 - v. Promotion/Outreach strategy
 - 1. MM recommends a handbill, alerts at churches and firehouses,
 - 2. Mike will attend the business meeting.
 - 3. Ingrid will create a flyer.
 - 4. Mike will create a Facebook event
 - 5. Other assignments for contacting firehouses, churches ec will be handled via email between CAC members
- c. Schedule summer meetings - June 20, July 18 and August 8.
- d. Intern
- i. Andrew will become familiar with the NRI process, the comprehensive plan, and the habitat summary in order to have a background in the community.
 - ii. A public meeting slated for May 30 at 7 pm would be a good time for Andrew to visit the area and meet members of the CAC and community members
 - iii. He will also prepare a template for the maps.

Action Items

Action Item - Prepare for NRI Public meeting	Responsible party	Due date
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- Revise inventory map outline ☐	CAC members	5/09-2017
- prepare short public presentation, promote meeting ☐		
- continue draft inventory outline and data collection (teams work on sections) ☐		
- Post project description, goal statement to town website?	Bryan Rowzee	

Action Item - Town Energy Bill summary	Responsible party	Due date
Gather one year's worth of energy bills and review the buildings materials	CAC members	tba

Action Item - Gather maps from CT Male	Responsible party	Due date
Contact CT Male and acquire access, preferable digitally, to all maps the engineering firm has produced for the Town of Coeymans. These will supplement the NRI creation process	Mike McGuire	Completed by 5/04/2017

Action Item - NRI Maps	Responsible party	Due date
Report status of finding map components that will help us generate our NRI.	All CAC members with specific assignments noted below grouped by resource types	(next meeting)
Geology and Soils; Land Use	Mike McGuire	(next meeting)
Water Resources	Sylvia Lawler and Dan Bosworth	Completed 1-10-2017
Habitats and Wildlife	Joseph Tracey and Barbara Heinzen	(next meeting)
Cultural Resources	Ro Woodard	(next meeting)
Climate conditions and projections	Bryan Rowzee	Completed 4-18-2017

Next Meeting 6 p.m. on May 9, 2017 at Coeymans Town Hall–Main Community Meeting Room
Future meeting date(s): May 30 at 5:30 p.m. Town Hall

Motion to Adjourn: MM, Second: DB

Approved 6– 0

Meeting adjourned at 7:47 pm

- Minutes compiled by Bryan Rowzee (Recording Secretary)

Appendix

Section A. Natural Resources Inventory Draft Outline of Maps

Town of Coeymans
Natural Resources Inventory
Draft Outline of Maps
April 28, 2017

1. Base Map
 - Municipal boundaries (On all maps)
 - Roads, railroads (On all maps)
 - USGS Topographic Quad background
2. Aerial View
 - 20?? Orthoimagery
3. Topography
 - Albany County 50ft contours
 - digital elevation model hillshade
4. Steep Slopes
 - Classify/highlight steep slope areas in 5% increments – add transparency to display
 - Digital Elevation Model with hillshade - background
5. Bedrock Geology
 - Bedrock geology from NY State Museum
 - Unique geologic features (NYSDEC)
6. Surficial Geology
 - Surficial geology from NY State Museum
7. Soils
 - Major soil units from Albany County Soil Survey (see Rosendale map for example)
8. Groundwater and Drinking Water Supplies
 - 1:250,000 unconsolidated aquifers
 - Public water supply watersheds – from NYS Dept. of Health
 - Well locations? Sent inquiry to Laura DeGaetano
 - Additional data as suggested by Elisa Chae?
9. Streams and Watersheds
 - USGS National Hydrography Dataset HUC 12 watersheds, streams and waterbodies
 - Subwatersheds from the Nature Conservancy's NE Aquatic Habitat Classification
10. Floodplains and Active River Areas
 - FEMA Flood Hazard Areas – 100 and 500 year floodplains
 - Nature Conservancy Active River Areas
11. Wetlands
 - NWI Wetlands (indicate area where incomplete)
 - DEC regulatory freshwater wetlands
 - probable and possible wetland areas (from soil survey)
 - Significant Wetland Communities (NYNHP data)
12. DEC Waterbody Classifications
 - Water Quality Assessment and Standards

13. Priority Waterbody List/waterbody inventory and potential sources of contamination
 - PWL/WI
 - SPDES permit sites
 - Hazardous waste sites, landfills, junkyards, salt storage facilities
 - need to find this
14. General Habitats/Land Cover
 - Nature Conservancy Northeast Ecological Systems map
15. Stream Habitats
 - Nature Conservancy's NE Aquatic Habitat Classification (see Columbia County draft NRI)
OR DEC standards for trout/trout-spawning waters
16. Large Forests
 - DEC/Cornell large forest patches
 - NYNHP regional forest linkage zone
 - NYNHP significant forest communities
17. Coastal Habitats
 - Tidal wetlands (2007)
 - Documented Submerged Aquatic Vegetation
 - Significant Coastal Fish and Wildlife Habitats
 - NYNHP significant natural communities
 - Migratory fish runs
18. Hudson River Shoreline Status and Tidal Wetland Pathways
 - Hudson River shoreline type (2005)
 - NOAA Environmental Sensitivity Index generalized shoreline type
 - Tidal wetlands (2007)
 - Scenic Hudson Tidal Wetland Pathways
19. Significant Ecological Features
 - Significant Biodiversity Areas
 - Important Areas for rare plants, animals, and significant natural communities
 - Migratory fish runs
 - Regional forest linkage
20. Historic Sites
 - Historic districts (Albany County data)
 - State and National Registers of Historic Places
 - LOCAL DATA
21. Scenic and Recreational Areas
 - Scenic Areas of Statewide Significance (Columbia-Greene North SASS)
 - Hudson River Boating and Fishing Access
 - Albany County boating and fishing access data
 - Parks – Albany County data
 - Albany County park trails
 - LOCAL DATA
22. Zoning and Tax Parcels
 - Digitize zoning maps
 - Parcel data from county

23. Existing Land Use

- Revise comp plan map based on tax parcel data?

24. Farmland

- Agricultural Districts
- Prime and Statewide Important Farmland Soils
- Agricultural land use and tax exemption data

25. Conservation and Public Lands

- NY Protected Area Database (NYPAD)
- National Conservation Easement Database
- Land trust data (Mohawk Hudson, Scenic Hudson)
- Parks – Albany County data
- LOCAL DATA

Prepared by 4-18-2017 by Ingrid Haeckel, Conservation and Land Use Specialist, Hudson River Estuary Program/Cornell University