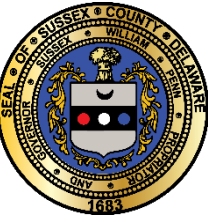




Sussex County Wetlands & Buffers Working Group

Sussex County West Complex Building
22215 N. DuPont Blvd, Georgetown, DE
Wednesday, April 3
2:00 pm – 5:00 pm

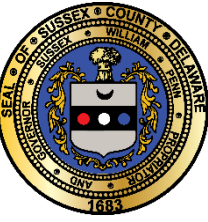




Process Reminders

- Working Group Etiquette
- Role of Audience
- Definitions can be revisited
- Presentations/Information Distribution



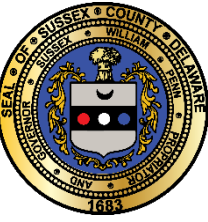


Agenda

1. Review Prior Meetings
 - Review Draft Definition for Tidal Waters
2. Presentations
3. Homework Outcomes
4. Discussion
 - Buffer Purpose
 - Buffer Activities/Management
 - Mapping
 - Creative Land Use Approaches
5. Next Meeting

Meeting Objective: to come to consensus on some qualitative recommendations

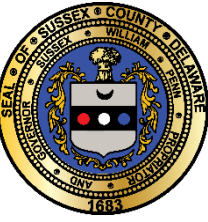




Meeting Outcomes, 3/20

1. Reviewed homework ranking outcomes (definitions)
2. Definitions for Ephemeral Streams, Intermittent Streams, Non-Tidal Wetland, and Buffer
3. Began buffer discussion, recommended presentations for next meeting
4. Assigned homework





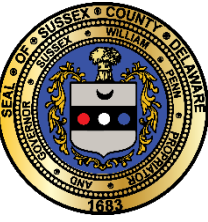
Draft Tidal Waters Definition

CURRENT DEFINITION:

The mean high-water line of any tidal water body, tidal stream, or tidal marsh. The average height of all the high-tide water recorded over a nineteen-year period as defined by the National Oceanic and Atmospheric Administration tidal datum.

DEFINITION FOR DISCUSSION:

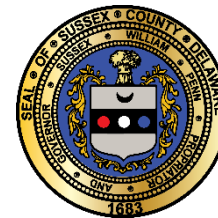
The mean high-water line of any tidal water body, tidal stream, or tidal marsh, **which is defined as t**The average height of all the high-tide water as recorded over a nineteen-year period as defined by the National Oceanic and Atmospheric Administration tidal datum.



Presentations

1. **Groundwater and Sea Level Rise** – Dr. Tom McKenna, Hydrogeologist at the Delaware Geological Survey
2. **Buffer Functions and Examples-** Chris Bason, Executive Director at the Delaware Center for the Inland Bays

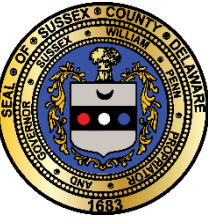




Homework Outcomes



Resources (Defined by Group)						
Ephemeral	Intermittent	Perennial	Tidal Waters	Tidal Wetlands	Non-Tidal Wetlands	
<i>0 ft</i>	<i>0 ft</i>	<i>50 ft</i>	<i>50 ft</i>	<i>50 ft</i>	<i>0 ft</i>	
Keep the same	Keep the same	Keep the same	Keep the same	Keep the same	Increase	
Keep the same	Keep the same	Decrease	Keep the same	Keep the same	Keep the same	
Keep the same	Increase	Increase	Increase	Increase	Increase	
Keep the same	Keep the same	Decrease	Decrease	Decrease	Keep the same	
Keep the same	Increase	Keep the same	Increase	Increase	Increase	
Keep the same	Keep the same	Keep the same	Keep the same	Keep the same	Keep the same	
Keep the same	Increase	Keep the same	Keep the same	Keep the same	Increase	
Keep the same	Keep the same	Keep the same	Keep the same	Keep the same	Keep the same	
Keep the same	Increase	Increase	Increase	Increase	Increase	
Keep the same	Keep the same	Keep the same	Keep the same	Keep the same	Increase	
Increase	Increase	Keep the same	Keep the same	Keep the same	Increase	
Keep the same	Keep the same	Decrease	Decrease	Decrease	Keep the same	
0	0	3	2	2	0	Decrease
11	7	7	7	7	5	Keep the Same
1	5	2	3	3	7	Increase

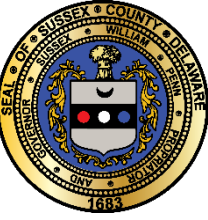


Homework Outcomes

Comments fell within the following categories:

1. Buffer purpose
2. Activities and management within buffers
3. How to define or delineate resources and buffers (mapping)
4. Creative land use approaches



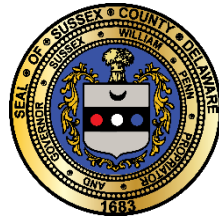


Additional Information

Any questions about additional information circulated with the homework?

- *Planners Guide to Wetland Buffers for Local Governments*
Environmental Law Institute
- *Subdivision Design and Flood Hazard Areas*
American Planning Association
- *Watershed Management for Potable Water Supply: Assessing the New York City Strategy; Chapter 10: Setbacks and Buffer Zones*
National Research Council

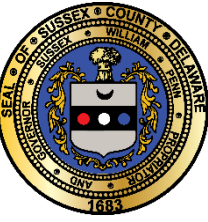




Buffer Purpose

#	Purpose	Current Sussex Ordinance	Enviro. Law Institute	Nat'l Research Council	Buffer Presentation
1	Water Quality	X	X	X	X
2	Limit erosion		X	X	X
3	Reduce pollutants/nutrients		X	X	X
4	Sediment removal		X	X	X
5	Maintain water temperature		X	X	X
6	Groundwater recharge		X		X
7	Fish, Wildlife, Plant Habitat/Corridor	X	X	X	X
8	Natural resource protection		X		X
9	Stormwater management		X	X	X
10	Flood mitigation		X	X	X
11	Preserve natural drainage		X	X	X
12	Property protection		X	X	X
13	Public health and safety		X		
14	Scenic beauty		X		
15	Preserve community character		X		

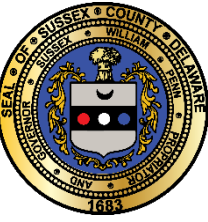




Buffer Activities/Management

- Grandfathering
- What does a buffer look like?
- Permitted activities
- Exempt activities
- Restrictions

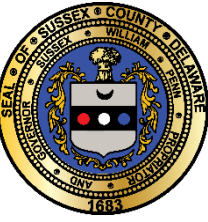




Mapping

- Resource delineations
- Buffer delineation
- Overlapping resources and buffers

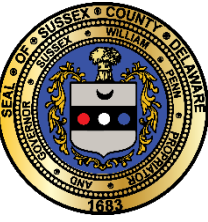




Creative Land Use Approaches

- Systematic protection
- Single resource protection
- Buffer averaging
- Perimeter buffer exchange
- Other





Next Meeting

- Wednesday, April 17
- Anticipated Goals
- Homework

