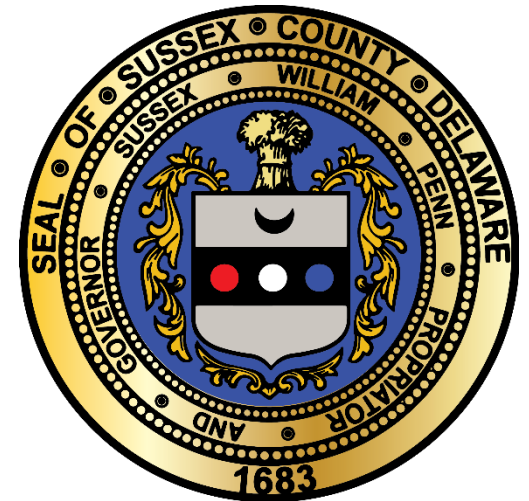
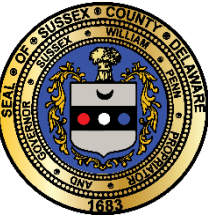




# Sussex County Wetlands & Buffers Working Group

Sussex County West Complex Building  
22215 N. DuPont Blvd, Georgetown, DE  
Wednesday, April 17  
2:00 pm – 5:00 pm



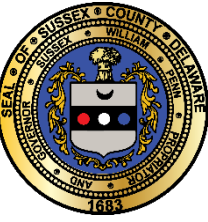


# Process Reminders

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





# Agenda

1. Review Prior Meeting
2. Homework
  - Buffer Purpose Worksheet
  - Buffer Activities/Exemptions List
3. Discussion
  - Buffer Purpose
  - Buffer Activities/Management
  - Mapping
  - Creative Land Use Approaches
4. Next Meeting

**Meeting Objective:** to come to consensus on some qualitative recommendations



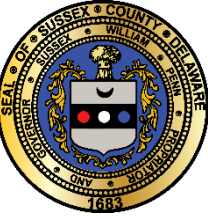


# Meeting Outcomes, 4/3

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1. Reviewed homework outcomes
2. Updated definition for tidal waters
3. Listened to presentations
4. Began buffer discussion
5. Assigned homework

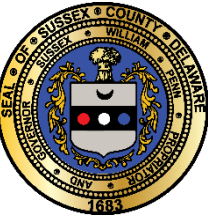




# Worksheet Instructions

Select the buffer functions you think are important for each of the resources. For each purpose you select, please indicate how important you believe that function to be for the given resource.

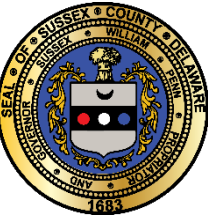
- **Water quality**: Reduce and filter sediment/nitrogen/phosphorous loads, moderate water temperature, promote infiltration, stabilize water's edge/erosion reduction
- **Habitat**: Provide nesting, roosting opportunities for wildlife that use protected resources, provide sanctuary/refuge for wildlife during high water events, provide critical waters edge habitat for species that use both terrestrial and aquatic habitat, protect breeding and feeding grounds, protect the various rare/endangered species associated with these resources and their upland edge.
- **Flooding/Stormwater/Drainage**: Reduce flood velocities, provide additional storage/conveyance, reduce stormwater discharge energy
- **Property Protection**: Maintain property values, reduce loss of land or conversion of buildable land to non-buildable
- **Aesthetics**: Provide scenic views of protected resources, provide visual screens from protected resources, enhance community visual character/context



# Worksheet Outcomes



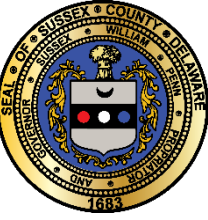
Resource	Importance	Water Quality	Habitat	Flooding	Property	Aesthetics
Ephemeral	Low	2	2	2	2	3
	Medium	4	1	3	2	0
	High	0	0	0	0	0
Intermittent	Low	1	1	1	1	2
	Medium	4	3	4	2	2
	High	2	1	2	3	0
Tidal Waters	Low	1	1	3	1	1
	Medium	4	5	2	4	3
	High	7	5	7	7	4
Perennial	Low	2	1	3	2	1
	Medium	4	5	6	5	5
	High	5	3	3	2	0
Tidal Wetlands	Low	0	3	2	1	1
	Medium	1	2	5	4	3
	High	10	7	5	6	4
Non-Tidal Wetlands	Low	2	0	3	1	1
	Medium	2	4	3	3	5
	High	4	3	2	3	1
Full Stream / Wetland System	Low	1	0	0	0	2
	Medium	0	3	3	3	2
	High	9	7	6	6	4



# Worksheet Outcomes

Resource	Water Quality	Habitat	Flooding	Property	Aesthetics
Ephemeral	6	3	5	4	3
Intermittent	7	5	7	6	4
Tidal Waters	12	11	12	11	8
Perennial	11	9	12	9	6
Tidal Wetlands	11	12	12	11	8
Non-Tidal Wetlands	8	7	8	7	7
Full Stream / Wetland System	10	10	9	9	8



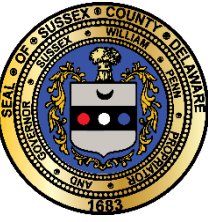


# Worksheet Outcomes

Resource	Water Quality	Habitat	Flooding	Property	Aesthetics
Ephemeral	6	3	5	4	3
Intermittent	7	5	7	6	4
Tidal Waters	12	11	12	11	8
Perennial	11	9	12	9	6
Tidal Wetlands	11	12	12	11	8
Non-Tidal Wetlands	8	7	8	7	7
Full Stream / Wetland System	10	10	9	9	8





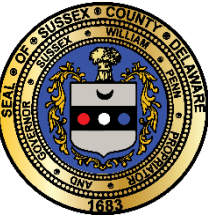


# Worksheet Outcomes

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1. Over half the group identified all buffer functions as listed on the worksheet for buffers to tidal waters, tidal wetlands, nontidal wetlands, and the full stream / wetland system.
2. Over half the group identified water quality, flooding, habitat, and property protection functions for buffers to perennial streams.
3. Over half the group identified water quality and flooding functions for buffers to intermittent streams.



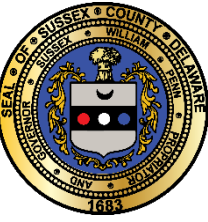
# Homework:

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## Buffer Activities/Exemption List

Concurrence on purpose





# Discussion:

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## Buffer Activities/Management

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





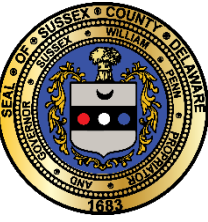
# Discussion:

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## Mapping

- Resource delineations
- Buffer delineation
- Overlapping resources and buffers

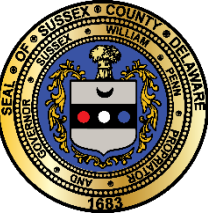




# Discussion: Mapping

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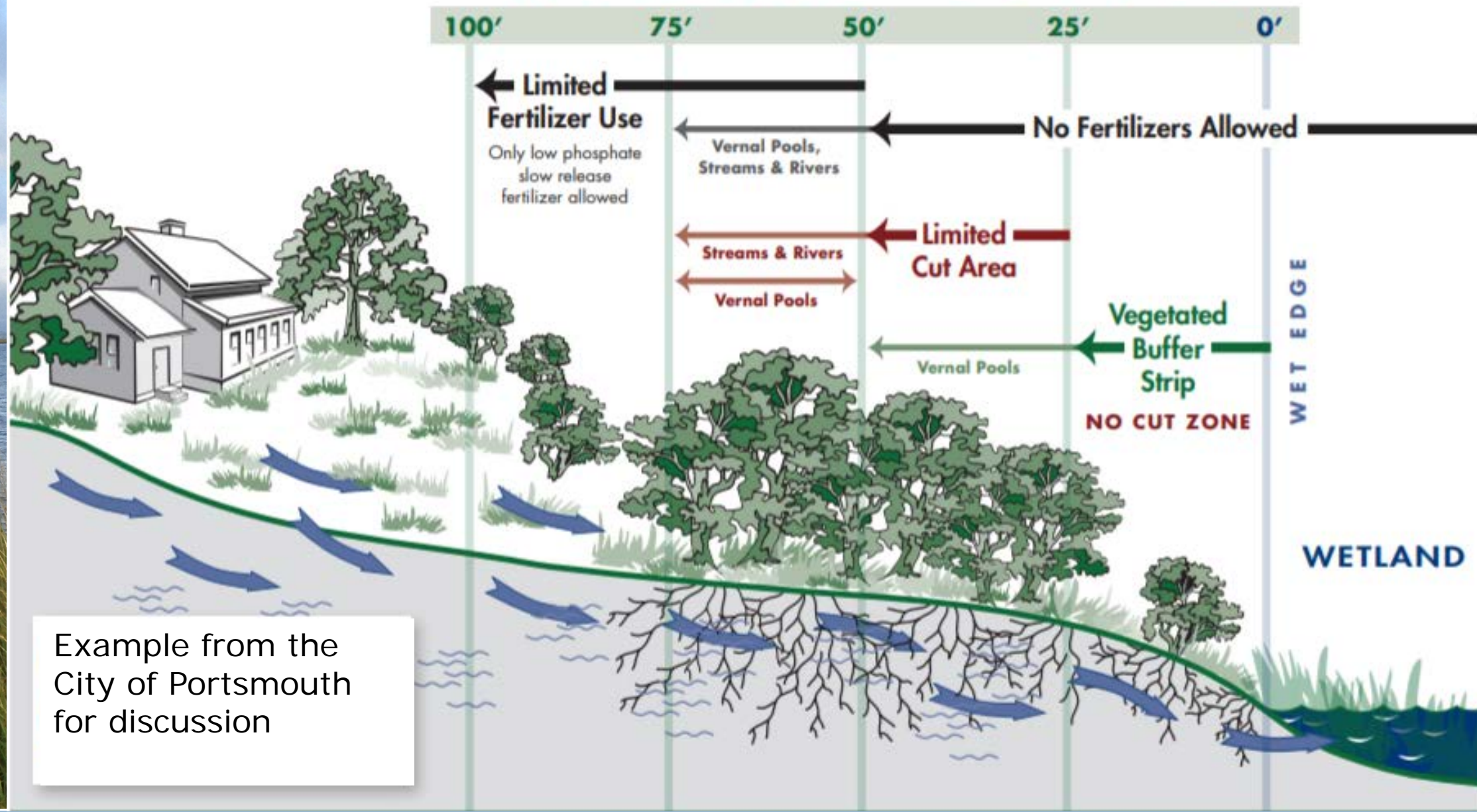
# Discussion:

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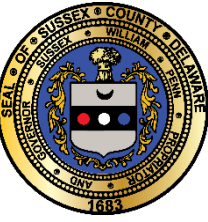
## Creative Land Use Approaches

- Systematic protection
- Single resource protection
- Buffer averaging / tiered protections
- Perimeter buffer exchange
- Other

# WETLAND BUFFER



Example from the City of Portsmouth for discussion



# Next Meeting

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- Wednesday, May 15
- Anticipated Goals
- Homework

