

**Attendance:**

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**DRAFT PRIORITY TIER STRUCTURE**

*Example from Lower St. Croix One Watershed One Plan*

<b>A</b>	Issues in Tier A are those issues which must be addressed in the LSC 1W1P
<b>B</b>	Issues in Tier B are considered important to pursue as secondary priorities
<b>C</b>	Issues in Tier C will be addressed primarily through multiple benefits, or as funding and time allow

*Draft CLFLWD Priority Tier Structure*

<b>Priority Tier</b>	<b>Timeframe</b>	<b>Outputs</b>	<b>Priority Within WMP</b>
Tier 1 (High) – top priority	1-5 Years (2022-2026)	Tier 1 goals result in measurable improvements to water quality (TP, TSS, Secchi).	Tier 1 priorities are those with goals which must be addressed in the first five years of the WMP.
Tier 2 (Medium) – focus once Tier 1 is accomplished or as additional benefits of Tier 1 projects	6-10 Years (2027-2031)	Tier 2 goals result in measurable results outside of water quality improvements and are widely supported/demanded by local stakeholders and partners.	Tier 2 priorities are considered important to pursue as secondary priorities (i.e. within the second 5 years of the WMP) and may also be addressed through multiple benefits (i.e. supporting a Tier 1 priority within the first five years).
Tier 3 (low) – added benefit of other implementation	10+ Years (2032+)	Tier 3 goals result in measurable results outside of water quality improvements but may not have wide support/demand among local stakeholders and partners.	Tier 3 goals will be addressed primarily through multiple benefits, or as funding and time allow.

## STORMWATER MANAGEMENT

DESIRED FUTURE CONDITION:

<b>Recommended Goal (no specific goals currently in WMP)</b>	<b>Ensure no net increase in runoff rate, volume and pollutant loading from new development and redevelopment (Via District's permitting program)</b>	<input type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3
What?	Reduce or maintain stormwater runoff rate, volume and nutrient load. District Rules have different requirements to reduce or just maintain depending on site type.	
Who?	CLFLWD, local partners, local citizens	
When?	<input type="checkbox"/> Next 1-5 years <input type="checkbox"/> Next 6-10 years <input type="checkbox"/> 10+ years	
Where?	<ul style="list-style-type: none"> <li>• Development and re-development areas</li> <li>• Targeted project locations through diagnostic work</li> <li>• Residential and community locations based on interested participants</li> </ul>	
Why?	<ul style="list-style-type: none"> <li>• Flood prevention (relates back to 5100 Floodplain goals)</li> <li>• Water quality protection (relates to 5200 Lakes and 5300 Streams goals)</li> </ul>	
Objectives	<ul style="list-style-type: none"> <li>• Implement stormwater rate, volume and water quality standards through the District Rules &amp; Rulemaking Program and Permitting Program. (<a href="#">See Rule 2.0 Stormwater Management.</a>)</li> <li>• Implement projects and capital improvements identified in this Plan, as feasible, to reduce stormwater rate, volume and nutrient loads. Includes working with local partners such as municipalities to implement regional stormwater facilities.</li> <li>• Encourage and implement pervious surface protection and stormwater management practices such as raingardens through the Non-Point Source Pollution Abatement Grant Program and Education and Outreach Program.</li> </ul>	
Metrics	<ul style="list-style-type: none"> <li>• % reduction in rate and volume compared to current conditions</li> <li>• pounds per year phosphorus and TSS reduced.</li> </ul>	
Tools	<ul style="list-style-type: none"> <li>• Targeting Tools: Diagnostic studies, subwatershed analyses, joint studies with local municipalities</li> <li>• Measuring Tools: In-lake monitoring, tributary monitoring, project effectiveness monitoring, permit maintenance agreement and declaration annual inspection reports</li> </ul>	

**Commented [CC1]:** Goal for green infrastructure or other additional stormwater management needs could be tied to water quality goals and/or resiliency goals.

**FLOODPLAIN**

DESIRED FUTURE CONDITION:

<b>Goal A</b>	Prevent encroachment of the 100-year floodplain to conserve water storage capacity and maintain floodplain hydrology. <i>Currently, prevention of encroachment is largely in the hands of other entities, as CLFLWD rules defer to their regulatory authority.</i> <u>Ensure no net loss of flood storage capability within the watershed</u>	<input type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3
What?	<ul style="list-style-type: none"> <li>• Conserve water storage capacity [compared to existing conditions]</li> <li>• Maintain floodplain hydrology [compared to existing conditions]</li> <li>• <i>Increase water storage capacity and improve floodplain hydrology? Account for projected climate and precipitation patterns.</i></li> </ul>	
Who?	Prevention of encroachment largely falls to other regulatory authorities, as all municipalities in CLFLWD have state-approved floodplain ordinances; CLFLWD hasn't implemented <a href="#">Rule 7.0 Floodplain and Drainage Alterations</a> to date	
When?	<input type="checkbox"/> Next 1-5 years <input type="checkbox"/> Next 6-10 years <input type="checkbox"/> 10+ years	
Where?	<ul style="list-style-type: none"> <li>• Identify key protection/improvement areas through diagnostic work/joint studies (e.g. <i>vulnerability assessment</i>)</li> </ul>	
Why?	<ul style="list-style-type: none"> <li>• Limit flood damage to <u>infrastructure</u> and natural resources</li> </ul>	
Objectives	<ol style="list-style-type: none"> <li>1. <u>Rely on municipalities with state-approved floodplain ordinances to implement floodplain protection standards. (All municipalities in CLFLWD have state approved floodplain ordinance (some may be implemented through the county))</u></li> <li>2. Implement floodplain protection standards through District Rules &amp; Rulemaking Program and Permitting Program for municipalities that do not have a state- approved floodplain ordinance. (Currently, there are none)</li> </ol>	
Metrics	<ul style="list-style-type: none"> <li>• Work with municipalities to obtain metrics on implementation of floodplain ordinances</li> </ul>	
Tools	<ul style="list-style-type: none"> <li>• <b>District H/H Model</b></li> </ul>	
<b>Goal B</b>	<u>Limit flood damage to infrastructure and natural resources. Need to make measurable.</u> <u>Assess the potential for flooding properties and natural resources when evaluating land management activities (through the District's permitting program)</u>	<input type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3
What?	Prevent or reduce severity of flood damage to human and environmental resources.	
Who?	CLFLWD, other regulatory authorities	
When?	<input type="checkbox"/> Next 1-5 years <input type="checkbox"/> Next 6-10 years <input type="checkbox"/> 10+ years	
Where?	<ul style="list-style-type: none"> <li>• Permit sites triggering Rule 2.0 Stormwater Management</li> </ul>	

**Commented [CC2]:** Could include a goal like this.

**Commented [CC3]:** Should we define infrastructure? Is this roads, existing homes, other?

**Commented [CC4]:** How well has this been working for the CLFLWD? Does this address all of the District's flood-related needs/issues?

**Commented [CC5]:** See comment above – how does the District define infrastructure. Not sure what the original intent of this goal was.

**Commented [CC6]:** Could revise to something like this???

Comfort Lake-Forest Lake Watershed District  
 Issues-Priorities-Goals Workshops – Workshop #3: Stormwater Management, Floodplain,  
 Resiliency Planning

	<ul style="list-style-type: none"> <li>Per objective 4, identify areas with known flooding and/or high water problems</li> </ul>
Why?	
Objectives	<ol style="list-style-type: none"> <li>Limit the impact of flooding by managing stormwater runoff rates and volumes through the District Rules &amp; Rulemaking Program and Permitting Program.</li> <li>Reduce or mitigate in areas with known flooding and/or high water problems.</li> </ol>
Metrics	<ul style="list-style-type: none"> <li>Progress Metric from WMP Project Area 5100: Success in addressing the issue areas identified in this plan relies on the completion of the majority of the identified projects in each issue area. The metric for successful implementation of Floodplain Projects is the completion of one project over the course of this Plan.</li> </ul>
Tools	<ul style="list-style-type: none"> <li>Targeting Tools: Diagnostic studies, subwatershed analyses</li> <li>Measuring Tools: In-lake monitoring, tributary monitoring, project effectiveness monitoring, permit maintenance agreement and declaration annual inspection reports</li> </ul>

**RESILIENCY PLANNING**

DESIRED FUTURE CONDITION:

<b>Recommended Goal (no specific goals currently in WMP)</b>	<b>Develop a better understanding of climate change, its impacts to the District’s land and water resources, and adaptive strategies to make the District and its communities more resilient</b>  <b>Maintain and improve community preparedness and emergency response capacity to ensure public health and safety (Washington County)</b>	<input type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3
What?	Prepare and adapt to a changing climate and precipitation patterns – <b>A rise in temperature and changes in precipitation can lead to changes in air pollution, extreme hot days (and people’s use of water), flood and droughts, and ecosystem threats.</b>  Assess vulnerabilities (e.g. flooding, infrastructure failures, etc.)  “In 2017, the county participated, along with several local partners, in a resilience workshop hosted by the South Washington WD. County staff and stakeholders identified extreme wind, increase rainfall, warmer winter and ice storms as the top climate hazards in the county”.	
Who?	CLFLWD, local partners and regulatory authorities	
When?	<input type="checkbox"/> Next 1-5 years <input type="checkbox"/> Next 6-10 years <input type="checkbox"/> 10+ years	
Where?	District-wide; different focuses for different land uses (e.g. planning will be different for urban/residential centers compared to agricultural areas)	
Why?	Prevent adverse impacts brought on by climate change such flooding and habitat changes which can negatively impact water resources and cause problems for humans.	
Objectives	<ul style="list-style-type: none"> <li>Regular review (<b>every 5 years</b>) and, if necessary, updates to District Rules to account for changing conditions (e.g. revising stormwater management standards to account for changing precipitation patterns). See existing WMP program area 3001B: Rule Implementation Review.</li> <li><b>Conduct a vulnerability assessment to share with member communities</b></li> <li><b>Integrate green infrastructure principles into plans and projects to address issues related to stormwater management and urban heat island effects.</b></li> </ul>	
Metrics	<ul style="list-style-type: none"> <li>Completion and regular review of Resiliency and Emergency Response Plan</li> <li>Regular review of District Rules</li> <li><b>Completion of a vulnerability assessment and the amount of green infrastructure built in vulnerable areas</b></li> </ul>	
Tools	<ul style="list-style-type: none"> <li>Resiliency and Emergency Response Plan – to include climate change, pandemic protocols, and severe weather rapid response; can use existing AIS Rapid Response Plans as framework.</li> </ul>	

**Commented [CC7]:** “Resiliency” means having the capacity to respond, adapt, and thrive under changing conditions and realities (Washington County Comprehensive Plan).

**Commented [CC8]:** Does the District want to adopt a policy for climate change and resiliency? For example: “Washington County will strive to maintain its identity, high quality of life, and access to a healthy lifestyle for current and future residents, by embracing resiliency and sustainability in future decision making. Efforts will be made to ensure resiliency through the county’s ability to react, adapt and thrive in the face of environmental, social, and economic changes. Healthy and vibrant communities are those that are prepared and have the capacity to evolve. Washington County will support the development of a community that is equipped to respond to change with diverse solutions and redundant systems by enhancing social capacity and equity through the sharing of risks and opportunities. The ability to mitigate the effects of these changes and disruptions over a long period of time will protect Washington County’s regional vitality for future generations by preserving the capacity to maintain a sustainable future.”

BCWD Policy “The BCWD recognizes the impacts of a changing climate and is committed to integrating adaptation best practices to create a more resilient community”.