Wetlands impart an aesthetically pleasing aspect to the environment while providing a unique habitat for plant and wildlife, including sensitive and endangered species. Wetlands also add value to flood storage, groundwater recharge and pollutant-filtering functions.

There are some wetlands that avoidance is recommended. These wetlands are very difficult to replace and are moderate to high-quality in nature. Sites where scattered and small low-quality wetlands are readily replaceable, mitigation is recommended to enhance the wetlands’ function and reduce potential constraints to development.

**Benefits**

Wetland preservation benefits both the public and the individual property owner. Property owners or developers who preserve wetlands:

- May enjoy tax benefits.
- Finish projects more easily by avoiding some regulatory requirements of other BMPs.
- Complete projects at lower costs.
- Gain satisfaction for protecting a valuable natural resource.

Other benefits include:

- Improved water quality for the community.
- Storage during flooding events.

**Description**

Bowling Green, Kentucky
Stormwater Best Management Practices (BMPs)
Site Planning and Design Practices (SPDs)

Activity: Wetland Preservation

**PLANNING CONSIDERATIONS:**

- **Design Life:** Permanent
- **Acreage Needed:** Check Local Ordinances
- **Possible Permits:** KDOW Check local ordinances

**Target Pollutants**

<table>
<thead>
<tr>
<th>Significant ♦</th>
<th>Partial ♦</th>
<th>Low or Unknown ◊</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sediment ♦</td>
<td>Heavy Metals ◊</td>
<td>Nutrients ◊</td>
</tr>
<tr>
<td>Oil &amp; Grease ◊</td>
<td>Bacteria &amp; Viruses ◊</td>
<td>Oxygen Demanding Substances ◊</td>
</tr>
<tr>
<td>Toxic Materials ◊</td>
<td>Floatable Materials ◊</td>
<td>Construction Waste ◊</td>
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**December 2004**

**SPD-01.2-01**