

## **ADAPTIVE RESOURCE MANAGEMENT WORKSHEETS**

**Problem/Purpose:** Managing for a sustainable walleye fishery in Leech Lake (2011 – 2015)

**Walleye Population Objectives and Tradeoffs (consider ecological, economic, and recreational impacts):**

1. .
2. .
3. .
4. .
5. .

**Assumptions about the Walleye Population:**

1. .
2. .
3. .
4. .
5. .

**Key Uncertainties about the Walleye Population:**

1. .
2. .
3. .
4. .
- 5.

**PROBLEM/PURPOSE:** Managing for a sustainable walleye fishery in Leech Lake (2011 – 2015)

**MANAGEMENT ACTION:** Walleye Stocking

<b>How does walleye stocking support the walleye population objectives?</b>			
<b>What are the ecological, economic, and recreational impacts for this tool?</b>			
<b>What assumptions are we making about this tool and its range of alternatives?</b>		<b>Are there key areas of uncertainty involved with this tool? If so, can management actions address some of all of these uncertainties?</b>	
<b>Potential Management Actions</b>	<b>Risks/Benefits</b>	<b>Tolerable Risks</b>	<b>Monitoring and Evaluation</b>
1. 2. 3. Etc			

**PROBLEM/PURPOSE:** Managing for a sustainable walleye fishery in Leech Lake (2011 – 2015)

**MANAGEMENT ACTION:** Harvest Regulations

<b>How do harvest regulations support the walleye population objectives?</b>			
<b>What are the ecological, economic, and recreational impacts for this tool?</b>			
<b>What assumptions are we making about this tool and its range of alternatives?</b>		<b>Are there key areas of uncertainty involved with this tool? If so, can management actions address some of all of these uncertainties?</b>	
<b>Potential Management Actions</b>	<b>Risks/Benefits</b>	<b>Tolerable Risks</b>	<b>Monitoring and Evaluation</b>
1. 2. 3. Etc			

**PROBLEM/PURPOSE:** Managing for a sustainable walleye fishery in Leech Lake (2011 – 2015)

**MANAGEMENT ACTION:** Cormorant Population

<b>How does management of the cormorant population support the walleye population objectives?</b>			
<b>What are the ecological, economic, and recreational impacts for this tool?</b>			
<b>What assumptions are we making about this tool and its range of alternatives?</b>		<b>Are there key areas of uncertainty involved with this tool? If so, can management actions address some of all of these uncertainties?</b>	
<b>Potential Management Actions</b>	<b>Risks/Benefits</b>	<b>Tolerable Risks</b>	<b>Monitoring and Evaluation</b>
1. 2. 3. Etc			

**PROBLEM/PURPOSE:** Managing for a sustainable walleye fishery in Leech Lake (2011 – 2015)

**MANAGEMENT ACTION:** Habitat Protection

<b>How does habitat protection support the walleye population objectives?</b>			
<b>What are the ecological, economic, and recreational impacts for this tool?</b>			
<b>What assumptions are we making about this tool and its range of alternatives?</b>		<b>Are there key areas of uncertainty involved with this tool? If so, can management actions address some of all of these uncertainties?</b>	
<b>Potential Management Actions</b>	<b>Risks/Benefits</b>	<b>Tolerable Risks</b>	<b>Monitoring and Evaluation</b>
1. 2. 3. Etc			

**PROBLEM/PURPOSE:** Managing for a sustainable walleye fishery in Leech Lake (2011 – 2015)

**MANAGEMENT ACTION:** ??????????

<b>How does ?????????? support the walleye population objectives?</b>			
<b>What are the ecological, economic, and recreational impacts for this tool?</b>			
<b>What assumptions are we making about this tool and its range of alternatives?</b>		<b>Are there key areas of uncertainty involved with this tool? If so, can management actions address some of all of these uncertainties?</b>	
<b>Potential Management Actions</b>	<b>Risks/Benefits</b>	<b>Tolerable Risks</b>	<b>Monitoring and Evaluation</b>
1. 2. 3. Etc			