

## Stocking Options – Criteria Evaluation

Criteria	Stocking Options			
	<p>1. Production stocking 22.5 million until 75% of year class from natural hatch (safely taken from Boy River run)</p> <p>Assessment stocking: annually when production stocking goals met and at 7.5 million/year rate</p>	<p>2. DNR proposed planned stocking of WAE fry 2 out of 4 years using Boy River run as follows</p> <p>2010: 22.5 million (legislated)            2011: blank            2012: blank            2013: 22.0 million            2014: 22.0 million            2015: blank            2016: blank            2017: 22.0 million            2018: 22.0 million</p>	<p>3. Modification of #1</p> <p>2011: 15 million            2012: 15 million            2013: 15 million            2014: 15 million</p> <p>When 75% of year class from natural hatch, blank year involves no fry stocking.</p>	<p>4. Modification of #2</p> <p>2011: 5 – 7.5 million            2012: 5 – 7.5 million            2013: 22 million            2014: 22 million</p>
<p>How does this help to assess the natural reproduction objective (natural reproduction alone can maintain a healthy and sustainable walleye population)?</p>				
<p>How does this help us learn about the walleye population and our management actions?</p>				
<p>What are the short-term and long-term risks for the natural systems?</p>				
<p>What are the short-term and long-term risks for local economies?</p>				
<p>What is your level of support?</p> <ol style="list-style-type: none"> <li>1. Acceptable</li> <li>2. Not acceptable</li> <li>3. Don't know</li> <li>4. Abstain</li> </ol>				
<p>What are acceptable alternatives for you?</p> <p>If level of support either not acceptable, don't know, or abstain: suggested changes or alternatives to make acceptable.</p>				

**Hypotheses:**

1. The walleye recruitment rate for the wild population can best be evaluated by having two blank (zero) stocking years.
2. The walleye recruitment rate for the wild population can be evaluated while stocking at a low level by using OTC marked stocked fry during “nonproduction” years (e.g., 5 million, 7.5 million; how are these numbers chosen?).
3. The walleye recruitment rate for the wild population can be evaluated while stocking at a production level by using OTC marked stocked fry (e.g., 22 million; need to define “production stocking”).

**Interests:**

1. Want a naturally reproducing and healthy walleye population
2. Want to learn from management actions (given that because of natural variation, resource systems are often extraordinarily difficult to control with management actions and “cause and effect” relations are usually unclear and difficult to recognize.)
3. Want a healthy local economy (for resorts, guides, other businesses)
4. Want to manage in a manner that supports collaboration and open communication between DNR and stakeholders despite uncertainty in natural and economic systems.