



Minnesota River Turbidity TMDL

November 29, 2006

Minnesota Pollution Control Agency



Today's agenda

- What are the next steps for the advisory committee?
- How bad is the turbidity and sediment problem?
- How much land is in each category?
- Practices for high sensitivity lands

Process

Sources and Practices

High sensitivity lands
Stream bank, bluff,
Gullies and ravines
Others

Test impact of
practices
with model

Effective
practices

Example

Residue
Buffer strips
Wetlands

Advisory Committee
suggests practices
to use in TMDL

TMDL
Drafted

<u>Original categories</u>	<u>Alternative categories</u>
<p>Cropland runoff High sensitivity land</p> <ul style="list-style-type: none"> •Land >6% slope •Gullies and ravines 	<p>High sensitivity land</p> <ul style="list-style-type: none"> •Cropland >6% slope within 100 m of stream and/or •Land with a hydrologic connection
<p>Medium sensitivity land</p> <ul style="list-style-type: none"> •Land with 3 to 6% slope and within 100 m from stream •Poorly drained soils 	<p>Medium sensitivity land</p> <ul style="list-style-type: none"> •Cropland with 3 to 6% slope and within 100 m from stream and/or •Drained soils with surface inlets with any slope

Low sensitivity land

- 3 to 6% slope and > 100m from stream
- <3% slope
- Very poorly drained soils

Low sensitivity land

- Cropland with <3% slope and/or
- All other land



HSPF model

- Nov. 21 – Send out RFP to several contractors on Master Contract list
- Dec. 12 - Proposals due
- Dec. 18 - Select contractor
- Dec. 19-21 - Encumber dollars
- Jan. 2007- Project begins