

St. Joe/St. Maries Watershed Advisory Group Meeting

December 16, 2011
St. Maries Fire Station

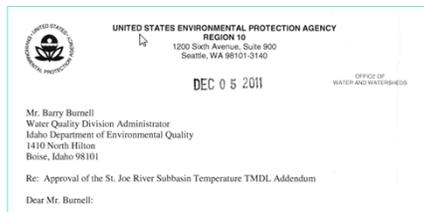


Agenda

- Introductions
- Updates
 - Temperature TMDL
- TMDL Implementation
- St. Joe riverbank erosion survey
- Future WAG meetings

Updates

- Temperature TMDL
 - Approved by EPA December 5, 2011



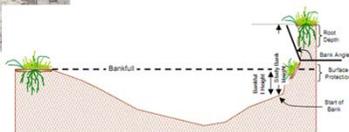
TMDL Implementation

- Tasks
 - Identify landowners ✓
 - Contact landowners and solicit participation ✓
 - Identify best management practices
 - Identify funding sources
 - Coordinate agencies
 - Coordinate field visits
- WAG review of landowner letter

Riverbank Erosion Survey

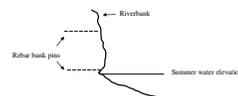


1. Bank height
2. Root depth
3. Root density
4. Bank angle
5. Surface protection
6. Stratification adjustment



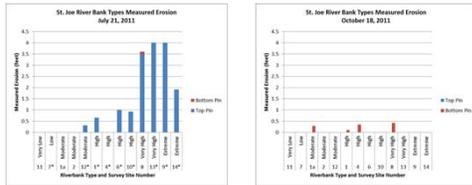
Riverbank Erosion Survey

- Rebar bank pins

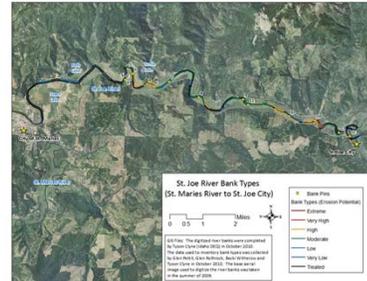


Riverbank Erosion Survey

Bank pin results

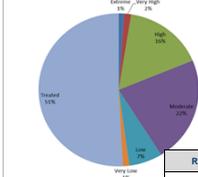


Riverbank Erosion Survey



Riverbank Erosion Survey

St. Joe River Bank Types



Riverbank Type	Length (feet)	Percentage of total length (%)
Very Low	2,224	1.3
Low	11,367	5.7
Moderate	37,689	22.4
High	27,303	16.2
Very High	2,356	1.4
Extreme	1,882	1.1
Treated	85,596	50.8
Total	168,418	100

Riverbank Erosion Survey – Bank Types



Riverbank Erosion Survey – Stabilization Techniques



Riverbank Stabilization Workshop

- Evening meeting
- Discuss
 - Permitting
 - Who to contact
 - Techniques
 - Evaluating your property
- Speakers
 - NRCS, IDL, ACOE, DEQ, USF&G, USF&W

Next Meeting

- ?
 - St. Maries Fire Station, 9-11am
- WAG webpage:
 - http://www.deq.idaho.gov/about/regions/st_joe_st_maries_river_wag/index.cfm