

APPENDIX A

Streambank Erosion Inventory

Site Number: _____
 County: _____
 Photo Numbers: _____

Date: _____
 Map Sheet Number _____
 Personnel: _____

LOCATION

Township Name: _____ Township Number: _____ Range _____ Section _____

GPS Coordinates _____ N _____ W

Owners: FEDERAL COUNTY STATE PRIVATE _____

Landmarks, Features: _____

SITE INFORMATION

BANK--While looking downstream: RIGHT LEFT

Is there access to the site for equipment?: YES NO

If no, distance to nearest road (estimate): _____

CONDITION OF BANK (Circle)

- A. TOE IS UNDERCUTTING
- B. TOE IS STABLE, UPPER BANK ERODING
- C. TOE AND UPPER BANK ERODING
- D. PERCENT OF VEGETATIVE COVER ON BANK: 0-10% 10-50% 50-100%
- E. OTHER (Describe): _____
- F. PROBLEM TREND: INCREASING DECREASING

APPARENT CAUSE OF EROSION (Circle any applicable)

- A. LAND USE (MOWING, CLEARCUTTING, DEVELOPMENT)
- B. FOOT TRAFFIC, BOAT ACCESS, FISHING SITE
- C. PEAKING (THUNDER BAY POWER)
- D. SURFACE WATER ENTERING
- E. BEND OR OBSTRUCTION IN RIVER
- F. WILDLIFE USE
- G. WAVE ACTION
- H. BANK SEEPAGE
- I. OTHER: _____

Streambank Erosion Inventory, continued

AMOUNT OF EROSION AND SLOPE RATIO

- A. SIDESLOPE OF BANK (Circle one):
Vertical 1:1 2:1 3:1 4:1 or Flatter
- B. LENGTH OF ERODED BANK: _____
- C. AVERAGE HEIGHT OF ERODED BANK: _____

RIVER CONDITIONS

- A. APPROXIMATE WIDTH OF RIVER: _____
- B. DEPTH OF RIE: _____ AT _____ FROM THE BANK
- C. CURRENT: SLOW MODERATE FAST

SOIL TEXTURE

SAND CLAY LOAM GRAVEL STRATIFIED SAND OVER CLAY
OTHER _____

SEVERITY OF SITE: MINOR MODERATE SEVERE

TYPE OF RECOMMENDED TREATMENT (Circle all that apply);

- A. ROCK RIP-RAP
- B. BIOLOGS/TREE REVETMENTS
- C. TREE REVETMENT
- D. BANK SLOPING
- E. STAIRWAYS
- F. BANK SEEDING OR PLANTING
- G. BRUSH PLACEMENT
- H. FENCING
- I. OTHER _____

DRAWING OF SITE, COMMENTS