APPENDIX A FIELD SEDIMENT SOURCE SURVEYS

Yaak River TMDL Planning Area

Appendix A provides examples of the Field Sediment Source Survey data sheets. Field Sediment Source Surveys were conducted by the Yaak Headwaters Restoration Partnership in the Seventeenmile Creek, Lap Creek, and South Fork Yaak River Watersheds during the summers of 2004, 2005, and 2006.

Surve	shed 17 MILECK (MAIN) Tributary No. 136 vers LAWGON OWEN	Date_9/13/05
Fill ou inforn	t this form for each tributary. Use USGS green topographic maps to relation.	ecord the following
1. Me	asure bankfull width on lowest reach (above influence of confluence or a). Mark on map where measured. BFW =,	any depositional
2. Del road c	ineate and number tributaries that are not on stream layer. Survey strossing unless scour channel ends.	reams to uppermost
3. Sur condit	nmarize stream channel conditions. At a minimum note: overall chann on, permanent fish barriers, location of fish seen in small streams (man	el stability, riparian rk location on map).
53	OW S341 - CREEK CHANNEL IS SMALL DRY OVER IN STOTE MAKING IT VAGIVE AS THAN TOP OF USO CUT. YOU MILE DOWN AND CALANNEL BECOMES DISTINCT, LAR ROLK WITH BRIGHT GRAVEL DEPOSITS. LA FOR MING LARGE OTRAPS FULL OF GRAVEL COR SMALL STRETCH OF BELLROCK AND BOULDER WITH SMALL EALL THAT MAY CONSTITUTE JUST AFOVE 5344 LARGE GRAVEL FARS FEE COMMON. IN - CMP (30) HAS BEEN OVERTOFFED IN I LING DITCHES AND FILLSLOPE ERUSION CO	ROE WOOLY DEFA
B	An excessive amount of gravel + so	debris. Traps ilt. As Chemel ilizes somewhat. es full to buisting ook he low traps and is deposited one above horks

11/19/07

ROAD / STREAM CROSSING INVENTORY
MAP SITE NO. 336 W. RSHED 17 Mile Main TRIB NO. 136 SURVEYORS Owen Oakland DATE 9-8-05
Structure: Round CMP Squash CMP Arch Pipe Concrete Box Wood Culvert Buried Logs Bridge Ford None
Pipe Diameter Inches Pipe Langth Stream Grade Culvert Grade Culvert Grade Stream Grade
5-38-08-5 Scour channel above culvert? (V/N) If yes, average bankfull channel width in riffle section above influence of culvert: 17 ft Is there flow at the culvert now? (V/N) Streamflow: 100 gpm MEASURED or ESTIMATED If no, is there evidence of flow from the culvert? (Y/N)
Can you see through culvert? (Y/N) If no, apparent cause: SAG BLOCKED
Is outlet obstructed? (Y/N) If yes, cause(s) are: DENTED FILLED W/SEDIMENT BLOCKAGE AT OUTLET
Ditch draining into stream? NO ONE SIDE TWO SIDES Ditch length draining to stream: Left ft Right 95 ft Is there water currently flowing in the ditch? (Y/N) Evidence of sediment being carried by ditch? (Y/N) Source(es): DITCH SCOUR CUTSLOPE SLUMPING CUTSLOPE RILLING ROADWAY RILLING WHEEL TRACK RUTTING OTHER:
Does water run off of road surface at stream crossing? (Y N) Cause? If yes, is there rilling on road surface? (Y/N) Fillslope rilling or slumping? (Y/N) Shoulder cracking? (Y/N)
Is sediment delivered to stream at this crossing? $(\vec{Y}/\vec{\otimes})$ Quantity? MINOR MODERATE SUBSTANTIAL
High Priority Maintenance Needs: Nove Healed.
INCLUDE SKETCHES AND COMMENTS ON BACK OF SHEET.
Photo Roll Number: Photo Numbers 6/23/05

INSTREAM SEDIMENT SOURCES*

Tributary Number 36 (Start a new page for each tributary.) Watershed 17 M 141N LAWSON Surveyors Date 6/

Site Description and Comments (attach sketches of complex sites)	MINDER STUFFE STUMPING. QS "LONG X SS" HX SO DEEP. SILT & RULK WASSING MAN. STABEND AT THE OFFINATION MODERATE AND BURNING PLANK. BOTTOM & TOP NEALING BUT MID SLOPE UNSTABLE & ACTIVE	BANKEROSION. SO'LGXIZ'HX7'DEEP. SILT BROCK PALLING INTO STREAM, ROCK PILES GVEC. AT BOTTON BUT HOP ACTIVE DURING HEAVY RAINSF POSSIENS STILL ACTIVE DURING PEAK FLOODS			
Sediment (Minor, Moderate, Substantial)	MINOR	MINOR			
Source Condition	EPISODIC	EPISODIC			
Source Type	HIISLOPE FAILURE	BANK 1 EROSION	-	-	,
UTM GPS Coordinates	58 0587444 5391716	99 58 From BANK 150'			
Map Site No.	20	29	*		

Fill out Road/Stream Crossing Inventory sheet for road crossings.

Source Type: Bank erosion, Channel scour, Road failure, Hillslope failure, Hillslope erosion, Skid road crossing Source Condition: Chronic (annual), Episodic (storms and floods), Healed (old site)