

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name: McKenzie Pipe Creek./Equipment Operation In SMZ
 Proposed Implementation Date: 7/12/10 Proponent: McKenzie Company
 Type and Purpose of Action: Operate equipment in SMZ in existing skid road that runs parallel to a class 1 that crosses a Class 2 Stream.
 Location Sec.10 T32N, R31W County: Lincoln

I. PROJECT DEVELOPMENT	
1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED: Provide a brief chronology of the scoping and ongoing involvement for this project.	No neighbors will be affected. No public scoping is deemed necessary.
2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:	None
3. ALTERNATIVES CONSIDERED:	1) No-action. 2) Skid Logs on existing County Road 3) Construct a temporary skid road for 100 feet that encroaches within 35 feet of the creek. Rehabilitate site following logging.

II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES N = Not present or No Impact will occur. Y = Impacts may occur (explain below)
4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE: Are fragile, compactable or unstable soils present? Are there unusual geologic features? Are there special reclamation considerations?	[Y] Kootenai Land Type 102 Soils are formed from Lucustrine sediments deposited by Glacial Lakes. Soils are formed by volcanic influences loes overlying glacial lake sediments. High surface erodibility but low sediment delivery efficiency. Operation of equipment during frozen conditions. Erosion control measures to trails should minimize any sedimentation problems.
5. WATER QUALITY, QUANTITY AND DISTRIBUTION: Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality?	[Y] The stream affected is Pipe Creek. Mitigation measures will protect the integrity of the SMZ. Equipment operation during dry conditions accompanied by erosion control will minimize potential sedimentation to stream.
6. AIR QUALITY: Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)?	[N] Normal air pollution that is associated with a standard logging operation.
7. VEGETATION COVER, QUANTITY AND QUALITY: Will vegetative communities be permanently altered? Are any rare plants or cover types present?	[N] No rare, sensitive plants or cover types were observed during ground reconnaissance. Minimal vegetation disturbance will occur from logging.
8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS: Is there substantial use of the area by important wildlife, birds or fish?	[N] There is no significant use by important wildlife, birds or fish.

RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES
9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES: Are any federally listed threatened or endangered species or identified habitat present? Any wetlands? Sensitive Species or Species of special concern?	[N] Pipe Creek is a Bull Trout Fishery. Threatened or endangered species may migrate through the area. However, there are no known denning of T & E species present.
10. HISTORICAL AND ARCHAEOLOGICAL SITES: Are any historical, archaeological or paleontological resources present?	[N] No historical archeological or paleontological resources were observed during ground reconnaissance.
11. AESTHETICS: Is the project on a prominent topographic feature? Will it be visible from populated or scenic areas? Will there be excessive noise or light?	[N] Normal temporary noise increase associated with standard logging operation.
12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY: Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project?	[N] No limited resources will be used from the project. There are no other activities nearby that will affect the project.
13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA: Are there other studies, plans or projects on this tract?	[N] There are no other known studies or plans for this area.

III. IMPACTS ON THE HUMAN POPULATION

RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES
14. HUMAN HEALTH AND SAFETY: Will this project add to health and safety risks in the area?	[N] Normal health risks associated with a standard logging operation.
15. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?	[N] This project will add additional timber to the local woods product industry.
16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT: Will the project create, move or eliminate jobs? If so estimated number.	[N] This project will add some additional work and income to the local work force.
17. LOCAL AND STATE TAX BASE AND TAX REVENUES: Will the project create or eliminate tax revenue?	[N] Minor additional income tax revenue will be generated from the additional work.
18. DEMAND FOR GOVERNMENT SERVICES: Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc) be needed?	[N] Traffic will not be significantly altered from the project.
19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS: Are there State, County, City, USFS, BLM, Tribal, etc. zoning or management plans in effect?	[N] There are no known zoning management plans in this area.

20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES: Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract?	[N] This project will not influence the recreation potential. There are no wildernesses in this area.
21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING: Will the project add to the population and require additional housing?	[N] This project will not influence the local population.
22. SOCIAL STRUCTURES AND MORES: Is some disruption of native or traditional lifestyles or communities possible?	[N] Native communities or lifestyles will not be disturbed.
23. CULTURAL UNIQUENESS AND DIVERSITY: Will the action cause a shift in some unique quality of the area?	[N] Cultural uniqueness will not be disturbed.
24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:	[N] There are no other unique social or economical qualities in this area.

EA Checklist Prepared By: Michael Justus

DNRC Service Forester

7/11/12

IV. FINDING	
25. ALTERNATIVE SELECTED: Alternative 3 & 4.	Alternative 3 will be used as soils remain dry and there is no rutting and displacement of soils adjacent to the stream. Apply slash mat or grass seed when operations are completed.
26. SIGNIFICANCE OF POTENTIAL IMPACTS:	Proposed mitigation measures should protect the integrity of the Streamside Management Zone
27. Need for Further Environmental Analysis: [] EIS [] More Detailed EA [X] No Further Analysis	

EA Checklist Approved By:
Name

Title

David Jones
Signature

Date