

DNRC - Trust Land Management Division

DS-252

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name: Solvie Salvage
 Proposed Implementation Date: 11/20/2003
 Proponent: Audie Solvie Landowner & Brad Mattice Operator
 Type and Purpose of Action: Allow Equipment operation in SMZ to salvage burnt timber.
 Location: SW1/4 Section 24 Township 15 North Range 8 West
 County: Lewis & Clark

I. PROJECT DEVELOPMENT	
1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED: Provide a brief chronology of the scoping and ongoing involvement for this project.	None This is private land
2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:	None
3. ALTERNATIVES CONSIDERED:	No Action Build Road or constructed Skid Trail RECEIVED JAN 07 2004 LEGISLATIVE ENVIRONMENTAL POLICY OFFICE
II. IMPACTS ON THE PHYSICAL ENVIRONMENT	
RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES = Not present or No Impact will occur. Y = Impacts may occur (explain below)
4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE: Are fragile, compactible or unstable soils present? Are there unusual geologic features? Are there special reclamation considerations? Are cumulative impacts likely to occur as a result of this proposed action?	[Y] This is a fire salvage operation. The ground litter and debris has been burned and the surface vegetation is also burned. Reclamation efforts are under way. Cumulative impacts will not occur as a result of this action.

<p>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? Are cumulative impacts likely to occur as a result of this proposed action?</p> <p>Would the Alternative Practice conserve the integrity of the SMZ, and these specific functions?</p> <p>a.) Ability to act as an effective sediment filter.</p> <p>b.) Ability to provide shade to regulate stream temperature.</p> <p>c.) Protection of stream channel and banks.</p> <p>d.) Ability to provide large, woody debris for aeventual recruitment into the stream to maintain riffles pools and other elements of channel structure.</p> <p>e.) Promotes floodplain stability.</p>	<p>[N] There is a Class 2 stream present but it goes subsurface before exiting the proposed action area</p> <p>a.) the vegetation is burned and the filtering capabilities are diminished.</p> <p>b.) Some trees still remain in the SMZ and will be retained to provide shade.</p> <p>c.) Stream channel and banks will be protected to the fullest extent possible by winter operation on frozen ground and adequate snow cover</p> <p>d.) Woody debris will be provided by retention trees.</p> <p>e.) Flood plain stability will be maintained by retaining brush trees and the residual vegetation to the fullest extent possible.</p>
<p>6. AIR QUALITY: Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)? Are cumulative impacts likely to occur as a result of this proposed action?</p>	<p>[N]</p>
<p>7. VEGETATION COVER, QUANTITY AND QUALITY: Will vegetative communities be permanently altered? Are any rare plants or cover types present? Are cumulative impacts likely to occur as a result of this proposed action?</p>	<p>[N]</p>
<p>8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS: Is there substantial use of the area by important wildlife, birds or fish? Are cumulative impacts likely to occur as a result of this proposed action?</p> <p>Would the SMZ lose the Ability to support diverse and productive aquatic and terrestrial habitats?</p>	<p>[N] Since this is a fire salvage the fire itself has changed the environment and the proposed action will not change the effects of the fire.</p>
<p>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? Are cumulative impacts likely to occur as a result of this proposed action?</p>	<p>[N]</p>
<p>10. HISTORICAL AND ARCHAEOLOGICAL SITES: Are any historical, archaeological or paleontological resources present?</p>	<p>[N]</p>

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? Are cumulative impacts likely to occur as a result of this proposed action?	[N]
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? Are cumulative impacts likely to occur as a result of this proposed action?	[N]
13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA: Are there other studies, plans or projects on this tract? Are cumulative impacts likely to occur as a result of other private, state or federal current actions w/n the analysis area, or from future proposed state actions that are under MEPA review (scoping) or permitting review by any state agency w/n the analysis area?	[N]
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?	[Y] By removing fire damaged trees the health and safety of the landowner his employees and livestock will be protected.
15. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?	[Y] Some minor alteration to the grazing patterns will result from this project and it is designed to limit livestock access to the stream so as to protect bed and banks.
16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT: Will the project create, move or eliminate jobs? If so estimated number. Are cumulative impacts likely to occur as a result of this proposed action?	[Y] The project will enhance current employment for the operator and his employees
17. LOCAL AND STATE TAX BASE AND TAX REVENUES: Will the project create or eliminate tax revenue? Are cumulative impacts likely to occur as a result of this proposed action?	[Y] Some tax revenue will be created from the salvage of the timber both from the landowner and the operator.
18. DEMAND FOR GOVERNMENT SERVICES: Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc) be needed? Are cumulative impacts likely to occur as a result of this proposed action?	[N]
19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS: Are there State, County, City, USFS, BLM, Tribal, etc. zoning or management plans in effect?	[N]
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? Are cumulative impacts likely to occur as a result of this proposed action?	[N]
21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING: Will the project add to the population and require additional housing? Are cumulative impacts likely to occur as a result of this proposed action?	[N]

22. SOCIAL STRUCTURES AND MORES: Is some disruption of native or traditional lifestyles or communities possible?	[N]
23. CULTURAL UNIQUENESS AND DIVERSITY: Will the action cause a shift in some unique quality of the area?	[N]
24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES: Is there a potential for other future uses for easement area other than for timber management? Is future use hypothetical? What is the estimated return to the trust. Are cumulative impacts likely to occur as a result of this proposed action?	[N]
EA Checklist Prepared By Name: <u>Norm Fortunate</u> Title: <u>Service Forester, Clearwater Unit</u> Date: <u>11/20/2003</u>	
IV. FINDING	
25. ALTERNATIVE SELECTED: Allow equipment operation in the SMZ on frozen ground and mimicking the "East Side" road construction pre-approved alternative practice.	
26. SIGNIFICANCE OF POTENTIAL IMPACTS: None	
27. Need for Further Environmental Analysis:	[] EIS [] More Detailed EA [X] No Further Analysis

EA Checklist Approved By:
 Name: Eric Norris Title: Service forestry Specialist, SWLO
 Signature: *Eric Norris* Date: 12/5/03

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 Alternative
 Practice EA's
 from Alaska
 Unit -
 Eric Norris
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