

ENVIRONMENTAL ASSESSMENT

SITE NAME: Bruce Bogar
 LOCATION: NE of Sec 23, 24N R49E

APPLICANT: Sletten Construction
 COUNTY: McCone

PROPOSED ACTION: Sletten Construction proposes to mine 19,000 yards of borrow from a 3-acre site about 5 miles east of Vida on Vida East Road. Access is from the county road. The product would be used for replacement of the bridge across Wolf Creek. The site is on the side and top of the terrace above the creek. Reclamation would be completed to rangeland by October 2006. The bond is \$9,669.

A: Significant Unavoidable Impacts B: Insignificant as a result of conditioned mitigation C: Insignificant as proposed

POTENTIAL IMPACTS						
	A	B	C	LONG TERM	SHORT TERM	EXPLANATION
PHYSICAL ENVIRONMENT						
1. <u>TOPOGRAPHY</u>			X	X		Flat, wide plain about 25 feet above Wolf Creek.
2. <u>GEOLOGY</u> ; Stability			X	X		Sedimentary rocks and glacial outwash
3. <u>SOILS</u> ; Quality, Distribution			X		X	Silty clay soils ranging in depth from 4 inches to 6 inches. Average annual precipitation is about 15 inches.
4. <u>WATER</u> ; Quality; Quantity; Distribution			X		X	There are no nearby wells. Wolf Creek is an intermittent stream at the base of the bank below the borrow site. The job is to replace the bridge. All necessary protection devices are being installed and actions taken to protect the creek bed from harm.
5. <u>AIR</u> ; Quality			X		X	Good
6. <u>UNIQUE, ENDANGERED, FRAGILE, or LIMITED</u> environmental resources			X		X	None.
BIOLOGICAL ENVIRONMENT						
1. <u>TERRESTRIAL, AVIAN, and AQUATIC</u> ; species and habitats			X		X	Deer, antelope, upland game birds, waterfowl.
2. <u>VEGETATION</u> ; quantity, quality, species			X		X	The borrow site is mainly range vegetation with wheat grasses and little bluestem dominant. A small portion is small-grain cropland. There is no riparian or wetland vegetation in the borrow site although that does exist in the adjacent creek bottom.
3. <u>AGRICULTURE</u> ; grazing, crops production			X		X	Rangeland and some cropland
HUMAN ENVIRONMENT						
1. <u>SOCIAL</u> ; structures and mores			X		X	
2. <u>CULTURAL</u> uniqueness/diversity			X		X	

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	EXPLANATION
3. <u>POPULATION</u> ; quantity/diversity			X		X	Sparsely populated ranches
4. <u>HOUSING</u> ; quantity/distribution			X		X	
5. <u>HUMAN HEALTH & SAFETY</u>			X		X	
6. <u>COMMUNITY & PERSONAL INCOME</u>			X		X	
7. <u>EMPLOYMENT</u> ; quantity, distribution			X		X	
8. <u>TAX BASE</u> ; state/local tax revenue			X		X	
9. <u>GOVERNMENT SERVICES</u> ; demand			X		X	This material is for reconstruction of a bridge on a county road.
10. <u>INDUSTRIAL, COMMERCIAL</u> and <u>AGRICULTURAL</u> activities			X		X	
11. <u>HISTORICAL</u> and <u>ARCHAEOLOGICAL</u>			X		X	Most of the site has been disturbed previously by road construction and farming. A walkover of the area did not reveal any artifacts or signs of occupation. If during operations resources were to be discovered, activities would be halted and temporarily moved to another area until SHPO was contacted and the importance of the site was determined.
12. <u>AESTHETICS</u>			X		X	
13. <u>ENVIRONMENTAL PLANS</u> and <u>GOALS</u> ; local and regional			X		X	
14. <u>DEMANDS</u> on <u>ENVIRONMENTAL RESOURCES</u> of land, water, air and energy			X		X	
15. <u>TRANSPORTATION</u> ; networks and traffic flows			X		X	

REGULATORY IMPACT ON PRIVATE PROPERTY: The analysis done in response to the Private Property Assessment Act indicates no impact. The Department does not plan to deny the application or impose conditions that would restrict the use of private property.

PUBLIC INVOLVEMENT: Landowner, McCone County Commissioners, McCone County Weed Board, Natural Heritage Program, State Historic Preservation Office

ALTERNATIVES CONSIDERED: Denial

COMPLIANCE STATUS:

OTHER GROUPS OR AGENCIES CONTACTED OR WHICH MAY HAVE OVERLAPPING JURISDICTION:

Air Resources Management Bureau, Mining Safety and Health, MT Dept. of Transportation

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: Unnecessary, No Significant Impacts

APPROVED BY: _____ DATE: _____

Prepared by Jo Stephen, January 2006