

				POTENTIAL IMPACTS		
	A	B	C	LONG TERM	SHORT TERM	EXPLANATION
5. <u>AIR</u> ; Quality			X		X	
6. <u>UNIQUE, ENDANGERED, FRAGILE, or LIMITED</u> environmental resources			X		X	The Natural Heritage Program identified two vascular plants last seen about 1900 and 1927, an unidentified stonefly, and a bird that could be located in the vicinity. It is probable that if habitat for the vascular plants ever existed on this site, it has been destroyed by the farming that has occurred for many years. For completion of their life cycles stoneflies require flowing water which did not exist on this site. It is unlikely that this site ever had the required habitat. The bobolink was reported in the Mount Ellis ecological site several miles from this area. None of the species were found on this site and the habitat for them either never existed on this site or has been disturbed years ago. Reclaiming to wetland and native grassland might replace some habitat for the two vascular plants.
BIOLOGICAL ENVIRONMENT						
1. <u>TERRESTRIAL, AVIAN, and AQUATIC</u> ; species and habitats			X		X	Deer, waterfowl, raccoons, some waterfowl and songbirds have been seen in the vicinity of the subdivision. Construction of the subdivision would remove most of the existing habitat. Reclamation to the park, pond, and wetland would enhance some habitat features for waterfowl and fishes.
2. <u>VEGETATION</u> ; quantity, quality, Species			X		X	Much of the site is irrigated pasture. A small area of riparian vegetation would remain in the site. The wetland area in Miller Park would be enhanced to a small degree by reclamation.
3. <u>AGRICULTURE</u> ; grazing, crops production			X		X	The site is actively farmed for hay and grazing production. This would be removed permanently.
HUMAN ENVIRONMENT						
1. <u>SOCIAL</u> ; structures and mores			X		X	
2. <u>CULTURAL</u> uniqueness/diversity			X		X	
3. <u>POPULATION</u> ; quantity/diversity			X		X	This portion of Gallatin County has been developing quickly. This site has been annexed into the City of Bozeman and the final plat for residential subdivision has been approved. This gravel operation would service the construction efforts of this subdivision.
4. <u>HOUSING</u> ; quantity/distribution			X		X	The pit would provide materials for build-out of the 500-unit subdivision.
5. <u>HUMAN HEALTH & SAFETY</u>			X		X	

	A	B	C	POTENTIAL IMPACTS		
				LONG TERM	SHORT TERM	EXPLANATION
6. <u>COMMUNITY & PERSONAL INCOME</u>			X		X	
7. <u>EMPLOYMENT</u> ; quantity, distribution			X		X	Construction of the subdivision would provide temporary employment in this location. Generally, construction jobs float from one project to another within the county.
8. <u>TAX BASE</u> ; state/local tax revenue			X		X	
9. <u>GOVERNMENT SERVICES</u> ; demand			X		X	
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 farming. The old farmhouse, barn and outbuildings have been approved for destruction by the City. If, during operations, other 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		The plat for the subdivision has been approved by the City of Bozeman.
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	Immediate access is from Enterprise Road. All activity from this pit would remain within the subdivision.

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 so as to constitute a taking.

PUBLIC INVOLVEMENT: Landowner, Gallatin County Commissioners, Gallatin County Weed Board.

ALTERNATIVES CONSIDERED: Denial.

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

DEQ Air Resources Management Bureau, DEQ Water Protection Bureau, Mining Safety and Health, Natural Heritage Program, State Historic Preservation Office, Bozeman City Council, Bozeman Planning Department, Bozeman Park Division.

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

APPROVED BY: _____ DATE: _____

Prepared by Jo Stephen