

ENVIRONMENTAL ASSESSMENT

APPLICANT: MATTHEW Bros. CONSTRUCTION

TYPE OF OPERATION: OPENCUT MINING - SAND & GRAVEL

LOCATION: NE 1/4 SW 1/4 Sec. 29 T 20N, R 16 W

PERSON PREPARING E.A.: STEVE WELCH

RECEIVED

APPLICATION COMPLETE: 3/14/92

E.A. COMPLETE: 3/16/92

APR 03 1992

ENVIRONMENTAL QUALITY COUNCIL	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
PHYSICAL ENVIRONMENT		✓		✓		depression created, but 3:1 slopes stabilized
1. <u>TOPOGRAPHY</u>						
2. <u>GEOLOGY</u> ; Stability			✓			
3. <u>SOILS</u> ; Quality, Distribution		✓			✓	SALVAGED & Replaced
4. <u>WATER</u> ; Quality; Quantity; Distribution			✓			
5. <u>AIR</u> ; Quality			✓		✓	screening
6. <u>UNIQUE, ENDANGERED, FRAGILE, or LIMITED</u> environmental resources			✓			
BIOLOGICAL ENVIRONMENT						
1. <u>TERRESTRIAL, AVIAN, and AQUATIC</u> ; species and habitats			✓			
2. <u>VEGETATION</u> ; quantity, quality, species		✓			✓	Site revegetated following mining - presently very poor cover
3. <u>AGRICULTURE</u> ; grazing, crops production		✓			✓	Underutilized, sparse grazing - will revert to higher productivity
HUMAN ENVIRONMENT						
1. <u>SOCIAL</u> ; structures and mores			✓			
2. <u>CULTURAL</u> uniqueness, diversity			✓			
3. <u>POPULATION</u> ; quantity and diversity			✓			
4. <u>HOUSING</u> ; quantity and distribution			✓			
5. <u>HUMAN HEALTH & SAFETY</u>			✓			

	A	B	C	POTENTIAL IMPACTS		
				LONG TERM	SHORT TERM	AMPLIFICATION
6. <u>COMMUNITY & PERSONAL INCOME</u>			✓			
7. <u>EMPLOYMENT</u> ; quantity and distribution			✓			
8. <u>TAX BASE</u> ; local and state tax revenue			✓			
9. <u>GOVERNMENT SERVICES</u> ; demand			✓			
10. <u>INDUSTRIAL, COMMERCIAL</u> and <u>AGRICULTURAL</u> activities			✓			temporary change in use from logged over, regenerative use to industrial. then grazing
11. <u>HISTORICAL</u> and <u>ARCHAEOLOGICAL</u>			✓			
12. <u>AESTHETICS</u>		✓			✓	will alter views visible in operation - small 1 acre
13. <u>ENVIRONMENTAL PLANS</u> and <u>GOALS</u> ; local and regional						
14. <u>DEMANDS</u> on <u>ENVIRONMENTAL RESOURCES</u> of land, water, air and energy			✓			
15. <u>TRANSPORTATION</u> ; networks and traffic flows			✓			Small operation - hauling will be infrequent
16. <u>PUBLIC INVOLVEMENT</u>						insignificant - not warranted
17. <u>ALTERNATIVES</u>						none considered
18. <u>COMPLIANCE</u>						

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: INSIGNIFICANT

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

SWPO
INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA:

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

Steve Welch
Signature