

ENVIRONMENTAL ASSESSMENT

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SEP 14 1992

ENVIRONMENTAL
QUALITY COUNCIL

APPLICANT: EMPIRE SAND & GRAVEL, INC

TYPE OF OPERATION: Open-pit Mining Sand & Gravel

LOCATION: Sec 8 + 17 T 15, R 13 E

PERSON PREPARING E.A.: Steve Welch

APPLICATION COMPLETE: 8/2/92

E.A. COMPLETE: 8/11/92

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
PHYSICAL ENVIRONMENT						
1. <u>TOPOGRAPHY</u>			✓	✓		reduced elevation, slope to blend in
2. <u>GEOLOGY</u> : Stability			✓			
3. <u>SOILS</u> : Quality, Distribution			✓	✗	✓	soil loss & replacement
4. <u>WATER</u> : Quality; Quantity; Distribution			✓			
5. <u>AIR</u> : Quality			✓		✓	see quality permit
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			✓		✓	negotiated with native grass species
3. <u>AGRICULTURE</u> : grazing, crops production			✓		✓	
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>			✓			

	POTENTIAL IMPACTS					
	A	B	C	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			✓			
11. <u>HISTORICAL</u> and <u>ARCHAEOLOGICAL</u>			✓			Survey by GARWOOD
12. <u>AESTHETICS</u>			✓		✓	redemanded within one year
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			✓			
16. <u>PUBLIC INVOLVEMENT</u>			✓			not necessary at this level
17. <u>ALTERNATIVES</u>						denial
18. <u>COMPLIANCE</u>						yes

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: *not necessary at this level of disturbance*

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

SHPO, Air Quality

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA:

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

Steve Kelch
Signature