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ENVIRONMENTAL ASSESSMENT

DEC 29 1992

APPLICANT: Empire Sand & Gravel ENVIRONMENTAL QUALITY COUNCIL

TYPE OF OPERATION: Open-cut Sand & Gravel

LOCATION: NE 1/4 Sec. 8 T31N R36E Valley County

PERSON PREPARING E.A.: Jerry Burk

APPLICATION COMPLETE: 12-8-92 E.A. COMPLETE: 12-8-92

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
PHYSICAL ENVIRONMENT						
1. <u>TOPOGRAPHY</u>			✓			
2. <u>GEOLOGY</u> ; Stability			✓			
3. <u>SOILS</u> ; Quality, Distribution			✓		✓	
4. <u>WATER</u> ; Quality; Quantity; Distribution			✓			
5. <u>AIR</u> ; Quality			✓		✓	
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			✓		✓	
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>			✓			
12. <u>AESTHETICS</u>			✓		✓	
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>			✓			None
17. <u>ALTERNATIVES</u>			✓			None
18. <u>COMPLIANCE</u>						

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: None

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

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA:

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


Signature