ENVIRONMENTAL ASSESSMENT

APPLICANT: EMPIRE SAND & GRAVEL

TYPE OF OPERATION: OPENCUT MINING – SAND & GRAVEL

LOCATION: NE¼ NW¼ Sec 1 T6N, 6W & NW NE¼ Sec 36 T 17 N 6W

PERSON PREPARING E.A.: STEVE WELCH

APPLICATION COMPLETE: ✓ E.A. COMPLETE: ✓

				POTENTIAL IMPACTS		
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
PHYSICAL ENVIRONMENT						
1. TOPOGRAPHY			✓	✓		depression. creates fishery & waterfowl
2. GEOLOGY: Stability			✓			
3. SOILS; Quality, Distribution			✓		✓	salvaged & redistributed
4. WATER: Quality; Quantity; Distribution			✓		✓	groundwater exposed through mining
5. AIR: Quality			✓		✓	will meet Air Quality STANDARDS
6. UNIQUE, ENDANGERED, FRAGILE, or LIMITED environmental resources			✓			
BIOLOGICAL ENVIRONMENT						
1. TERRESTRIAL, AVIAN, and AQUATIC: species and habitats			✓	✓		will create habitat for waterfowl & aquatic species
2. VEGETATION: quantity, quality, species			✓	✓		hayfield (10 acres) will be lost & replaced by fishery & waterfowl habitat
3. AGRICULTURE: grazing, crops production			✓	✓		hayfield lost (10 acres)
HUMAN ENVIRONMENT						
1. SOCIAL: structures and mores			✓			
2. CULTURAL uniqueness, diversity			✓			
3. POPULATION; quantity and diversity			✓			
4. HOUSING: quantity and distribution			✓			
5. HUMAN HEALTH & SAFETY			✓			

				POTENTIAL IMPACTS		
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
6. COMMUNITY & PERSONAL INCOME			✓			
7. EMPLOYMENT: quantity and distribution			✓			
8. TAX BASE; local and state tax revenue			✓			
9. GOVERNMENT SERVICES; demand			✓		✓	requires monitoring by State Govt.
10. INDUSTRIAL, COMMERCIAL and AGRICULTURAL activities			✓		✓	
11. HISTORICAL and ARCHAEOLOGICAL			✓			
12. AESTHETICS			✓		✓	during 3 yrs. of operation visuals will be affected
13. ENVIRONMENTAL PLANS and GOALS; local and regional			✓			
14. DEMANDS on ENVIRONMENTAL RESOURCES of land, water, air and energy			✓			
15. TRANSPORTATION; networks and traffic flows			✓			
16. PUBLIC INVOLVEMENT			✓			not solicited, none received
17. ALTERNATIVES			•			denial
18. COMPLIANCE						

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

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

SHPO, AIR QUALITY, WATER 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