

ENVIRONMENTAL ASSESSMENT

PROPONENT: Liberty County

PROJECT NAME: Opencut Gravel Mining – Utopia Site

LOCATION: SE¼ SW¼ Section 11, T33N, R4E

COUNTY: Liberty

PERSON PREPARING EA: Rod Samdahl

E.A. COMPLETED: 9/19/00
(Date)

TYPE AND PURPOSE OF ACTION:

The applicant proposes to mine, crush, stockpile and haul 50,000 cubic yards of sand and gravel from an 8 acre site located 12 miles northwest of Chester. The site would be mined to a depth of 20 feet and would daylight out to the north. Groundwater in the area is well below the depth of mining. The site would be reclaimed to rangeland and planted with grasses. The slopes of the reclaimed pit would be 3:1 or less. The site would be reclaimed by December, 2010.

	A	B	C	POTENTIAL IMPACTS		
				LONG TERM	SHORT TERM	AMPLIFICATION
PHYSICAL ENVIRONMENT						
1. <u>TOPOGRAPHY</u>			X	X		
2. <u>GEOLOGY</u> ; Stability			X			
3. <u>SOILS</u> ; Quality, Distribution			X		X	
4. <u>WATER</u> ; Quality, Quantity; Distribution			X			
5. <u>AIR</u> ; Quality			X		X	
6. <u>UNIQUE, ENDANGERED, FRAGILE, or LIMITED</u> environmental resources			X			
BIOLOGICAL ENVIRONMENT						
1. <u>TERRESTRIAL, AVIAN, and AQUATIC</u> ; species and habitats			X		X	
2. <u>VEGETATION</u> ; Quantity, quality, species			X		X	
3. <u>AGRICULTURE</u> ; grazing, crops, production			X		X	
HUMAN ENVIRONMENT						
1. <u>SOCIAL</u> , structures and mores			X			

2. <u>CULTURAL</u> ; Uniqueness, diversity			X			
3. <u>POPULATION</u> ; quantity and diversity			X			
4. <u>HOUSING</u> ; quantity and distribution			X			
5. <u>HUMAN HEALTH & SAFETY</u>			X			
				POTENTIAL IMPACTS		
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
6. <u>COMMUNITY & PERSONAL INCOME</u>			X			
7. <u>EMPLOYMENT</u> ; quantity and distribution			X			
8. <u>TAX BASE</u> ; local and state tax revenue			X			
9. <u>GOVERNMENT SERVICES</u> ; demand			X			
10. <u>INDUSTRIAL, COMMERCIAL</u> and <u>AGRICULTURAL</u> activities			X		X	
11. <u>HISTORICAL AND ARCHAEOLOGICAL</u>			X			
12. <u>AESTHETICS</u>			X		X	
13. <u>ENVIRONMENTAL PLANS</u> and <u>GOALS</u> ; local and regional			X			
14. <u>DEMANDS</u> on <u>ENVIRONMENTAL RESOURCES</u> of land, water, air and energy			X			
15. <u>TRANSPORTATION</u> ; networks and traffic flows			X			

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

ALTERNATIVES CONSIDERED: Denial

PUBLIC INVOLVEMENT: None

OTHER GROUPS OR AGENCIES CONTACTED OR WHICH MAY HAVE OVERLAPPING JURISDICTION: DEQ for crusher permit

REGULATORY IMPACT ON PRIVATE PROPERTY: None

RECOMMENDATION FOR FURTHER ENVIRONMENTAL ANALYSIS:
() EIS () MORE DETAILED EA (X) NO FURTHER ANALYSIS

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA: _____

Approved By _____
(Signature)

Date _____