

DEPARTMENT OF STATE LANDS



STAN STEPHENS, GOVERNOR

CAPITOL STATION

STATE OF MONTANA

(406) 444-2074

1625 ELEVENTH AVENUE  
HELENA, MONTANA 59620

**RECEIVED**  
DEC 23 1992  
ENVIRONMENTAL  
QUALITY COUNCIL

December 21, 1992

EQC  
Debbie Schmidt  
Capitol Station  
Helena, MT 59620

Dear Sir or Madam:

Enclosed, please find a copy of an environmental assessment prepared by the Department of State Lands for a proposed quarry expansion by Livingston Marble and Granite Corp. Comments may be submitted to the department at the above address for a two week period, ending January 8, 1993.

Sincerely,

  
Pete Strazdas  
Reclamation Program Supervisor  
Hard Rock Bureau  
Reclamation Division

/etc

enclosure

c: Bob Winegar

## ENVIRONMENTAL ASSESSMENT

APPLICANT: Livingston Marble & Granite Corp.

TYPE OF OPERATION: Travertine Quarry

LOCATION: Sec. 14, T9S, R8E COUNTY: Park

PERSON PREPARING E.A.: Pete Strazdas

APPLICATION COMPLETE: November 13, 1992 E.A. COMPLETE: December 15, 1992  
 Date Date

	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
<b>PHYSICAL ENVIRONMENT</b>						
1. <u>TOPOGRAPHY</u>			X	X		X
2. <u>GEOLOGY</u> ; Stability			X	X		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			
<b>BIOLOGICAL ENVIRONMENT</b>						
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	
<b>HUMAN ENVIRONMENT</b>						
1. <u>SOCIAL</u> ; structures and mores			X		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 &amp; SAFETY</u>			X			

	A	B	C	POTENTIAL IMPACTS		
				LONG TERM	SHORT TERM	AMPLIFICATION
6. <u>COMMUNITY &amp; PERSONAL INCOME</u>			X		X	
7. <u>EMPLOYMENT</u> ; quantity and distribution			X		X	
8. <u>TAX BASE</u> ; local and state tax revenue			X		X	
9. <u>GOVERNMENT SERVICES</u> ; demand			X			
10. <u>INDUSTRIAL, COMMERCIAL</u> and <u>AGRICULTURAL</u> activities			X		X	
11. <u>HISTORICAL</u> and <u>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		X	
15. <u>TRANSPORTATION</u> ; networks and traffic flows			X		X	

PUBLIC INVOLVEMENT: Public Notice

ALTERNATIVES CONSIDERED: Yes

COMPLIANCE STATUS: Full Compliance

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: Not necessary at this level of disturbance.

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

None

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA:

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

  
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 Signature

**AMPLIFICATION OF LIVINGSTON MARBLE AND GRANITE WORKS  
ENVIRONMENTAL ASSESSMENT**

**BACKGROUND**

Livingston Marble and Granite Works was issued Operating Permit 00023 in 1972 to quarry travertine on 17.5 acres. The operation consists of four small quarries on the bench northeast of Gardiner. Application for Amendment No. 001 was received on Nov. 13, 1992. This amendment would allow expansion of one of the existing quarries onto an additional 1.4 acres.

**PHYSICAL ENVIRONMENT**

**Topography and Geology:** The proposal would create a minor alteration in the local topography. A rise of land approximately 20 feet in height would be mined out, resulting in a gently sloping configuration. This slope would be revegetated.