



**FISK LAND SURVEYING & CONSULTING ENGINEERS, INC.**  
 1022 Main Street • P O Box 8154 • Rapid City, SD 57709  
 Phone (605) 348-1538 • Fax (605) 341-1112 • E-mail: fiskls@midconetwork.com

## **EROSION AND SEDIMENT CONTROL NARRATIVE**

9-12-08

### **SITE NAME:**

Lots 1 and 2 of U Lazy Two Ranch Estates Subdivision, located in Sections 14 and 23, 2N, R6E, BHM, Pennington County, South Dakota

### **OWNER/DEVELOPER:**

Robert Schmitz  
 8970 Nemo Road  
 Rapid City, SD 57701  
 (605) 342-8790

### **ENGINEER:**

Fisk Land Surveying & Consulting Engineers, Inc.  
 PO Box 8154  
 Rapid City, SD 57709  
 (p) 605-348-1538  
 (f) 605-341-1112  
 Warren L. Fisk, PE/LS 1771

### **GENERAL CONTRACTOR:**

n/a – no proposed development

### **PROJECT DESCRIPTION:**

Consolidation and reconfiguration of existing parcels.

### **EXISTING SITE CONDITIONS:**

Forest and mountain meadow

### **ADJACENT AREAS:**

North:	Residential (Palmer Subdivision) & US Forest Service
East:	US Forest Service
South:	Residential/Agriculture
West:	Residential/Agriculture

### **SOILS:**

1' of Black Topsoil and 7' of sandy subsoil with pockets of clay – no groundwater or bedrock at depth of 8' – per attached soil profile report.

### **AREA AND VOLUME DISTURBED:**

n/a – no proposed development

### **EROSION CONTROL MEASURES:**

n/a – no proposed development.

### **AREA FOR STOCKPILES AND STORAGE:**

n/a – no proposed development

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SEP 12 2008

Rapid City Growth  
 Management Department

**EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCE:**

n/a – no proposed development

**CONSTRUCTION & ESC SEQUENCE SCHEDULE PERMANENT STABILIZATION MEASURES:**

n/a – no proposed development

**STORMWATER MANAGEMENT CONSIDERATIONS:**

n/a – no proposed development

**MAINTENANCE:**

n/a – no proposed development

**SPILL PREVENTION:**

n/a – no proposed development

**SPILL CONTROL PRACTICES:**

n/a – no proposed development

**SOIL SURFACE STABILIZATION PRACTICES:**

n/a – no proposed development

**MAXIMUM LIMITS OF LAND EXPOSURES FOR SELECTION OF EROSION CONTROLS:**

n/a – no proposed development

**SITE PLAN:**

n/a – no proposed development

**NOTICE OF INTENT:**

A notice of intent has not been filed with DENR.

**WETLANDS**

No wetlands will be impacted.

**DEWATERING**

n/a – no proposed development

**EROSION AND SEDIMENT CONTROL PLAN CERTIFICATION:**

This erosion and sediment control narrative and attached erosion and sediment plan appears to fulfill the technical criteria and the criteria for erosion control and the requirements of the City of Rapid City. I understand that additional erosion and sediment control measures may be needed if unforeseen erosion problems occur or if the submitted plan does not function as intended. The requirement of this plan shall run with the land and be the obligation of the responsible party until such time as the plan is completed, modified or voided.

\_\_\_\_\_  
Owner/Developer

\_\_\_\_\_  
Date

**ENGINEER'S CERTIFICATION**

I hereby certify that these plans were prepared under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of South Dakota.

Warren L. Fisk  
Warren L. Fisk, SD PE/LS No. 1771

Sept. 12, 2008  
Date

08PL133

## Percolation Test Information

Legal:

BAL OF SE1/4SW1/4, SW1/4SE1/4 LESS RTY IN SE1/4SW1/4, T2N, R6E, Section 14

	Test Hole #1		Test Hole #2		Test Hole #3	
Inch 1		Minutes		Minutes		Minutes
Inch 2		Minutes		Minutes		Minutes
Inch 3		Minutes		Minutes		Minutes
Inch 4		Minutes		Minutes		Minutes
Inch 5		Minutes		Minutes		Minutes
Inch 6		Minutes		Minutes		Minutes
Inch 7		Minutes		Minutes		Minutes
Inch 8		Minutes		Minutes		Minutes
Inch 9		Minutes		Minutes		Minutes
Inch 10		Minutes		Minutes		Minutes
Inch 11		Minutes		Minutes		Minutes
Inch 12		Minutes		Minutes		Minutes
Averages		Minutes/Inch		Minutes/Inch		Minutes/Inch

Average of all three holes \_\_\_\_\_ Minutes/Inch ( Transfer this number to the front of this form).

Person completing percolation testing \_\_\_\_\_

Print Name

Signature

## 8-foot Soil Profile Information

	Soil Type
1 foot	Grass Top, Black Topsoil
2 foot	Dark sandy subsoil with pockets of clay material
3 foot	
4 foot	
5 foot	
6 foot	
7 foot	
8 foot	

Remarks
No groundwater or bedrock at a depth of 8 feet. The proposed location for the drainfield appears it will support a conventional septic system.

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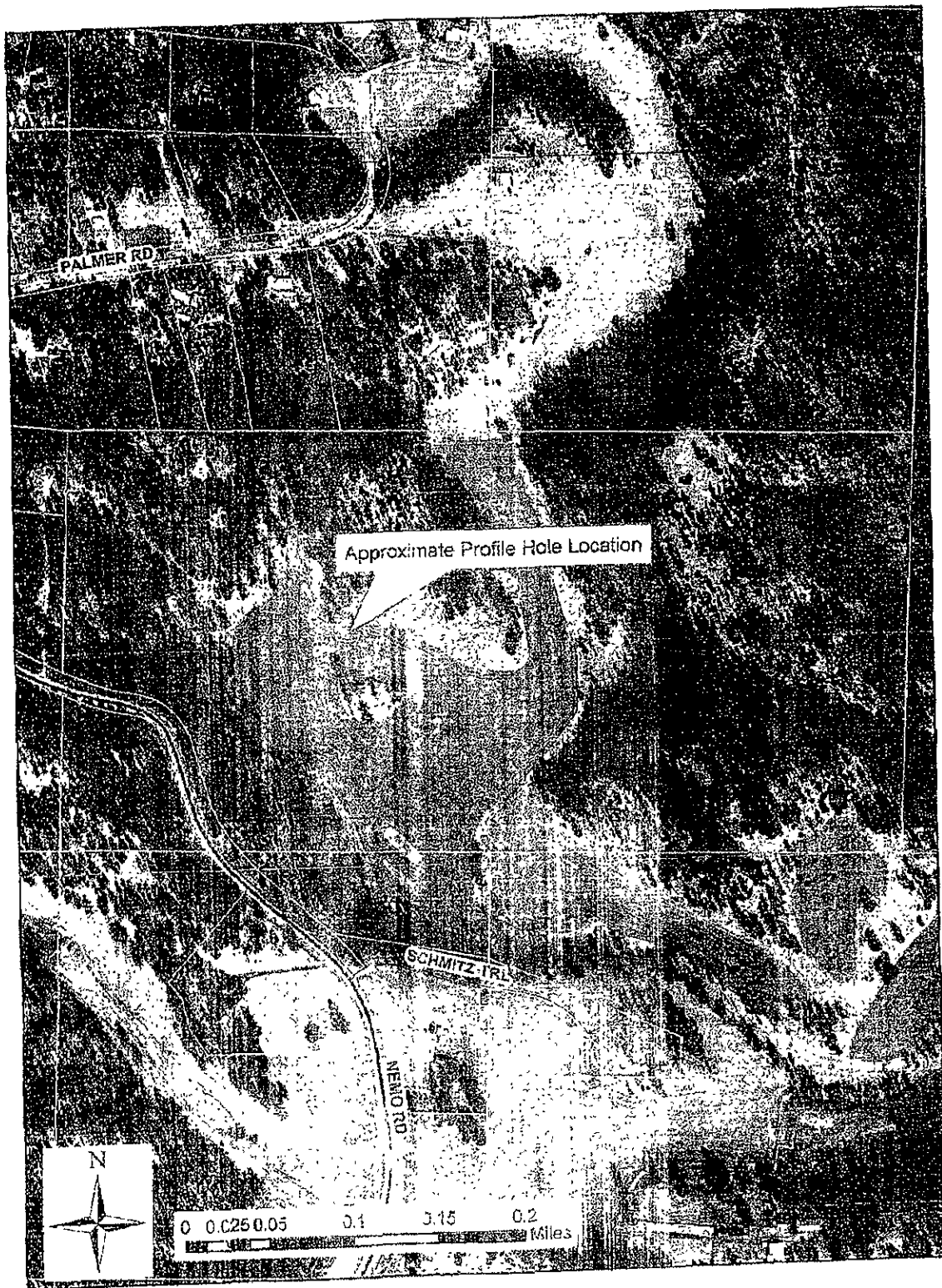
SEP 12 2008

Rapid City Growth  
Management Department

Print Name Aaron Olson Signature

Penn. Co. Environmental Planner

08PL133



08PL133 Robert Schmitz  
U Lazy Two LHC

Percolation Test Information

	Test Hole #1		Test Hole #2		Test Hole #3	
Inch 1	15	Minutes	20	Minutes	15	Minutes
Inch 2	20	Minutes	15	Minutes	15	Minutes
Inch 3	20	Minutes	25	Minutes	15	Minutes
Inch 4	20	Minutes	25	Minutes	18	Minutes
Inch 5	25	Minutes	25	Minutes	20	Minutes
Inch 6	25	Minutes	27	Minutes	20	Minutes
Inch 7	125/6	Minutes	137	Minutes	22	Minutes
Inch 8		Minutes		Minutes	24	Minutes
Inch 9		Minutes	137/6	Minutes	129	Minutes
Inch 10		Minutes		Minutes	127	Minutes
Inch 11		Minutes		Minutes		Minutes
Inch 12		Minutes		Minutes		Minutes
Averages	20.84	Minutes/inch	22.84	Minutes/inch	18.43	Minutes/inch

Average of all three holes 20.71 Minutes/inch (Transfer this number to the front of this form)

Person completing percolation testing Eugene Solseik Eugene Solseik  
Print Name Signature

8-foot Soil Profile Information

Soil Type	
1 foot	
2 foot	
3 foot	
4 foot	
5 foot	
6 foot	
7 foot	
8 foot	

Remarks:

Rapid City Ted Johnson  
Pennington City Aaron Olsen

Person completing soil profile information \_\_\_\_\_  
Print Name Signature