

RUSLE2 Calculations

Project: Santa Monica College Bundy Campus, Pickle Ball & Tennis Courts

Pre-Existing Condition Details:

For the pre-existing conditions a RUSLE2 calculation was performed.

During Construction Condition Details:

The project “During Construction” conditions consist of the grading and improvements to the existing site.

Results:

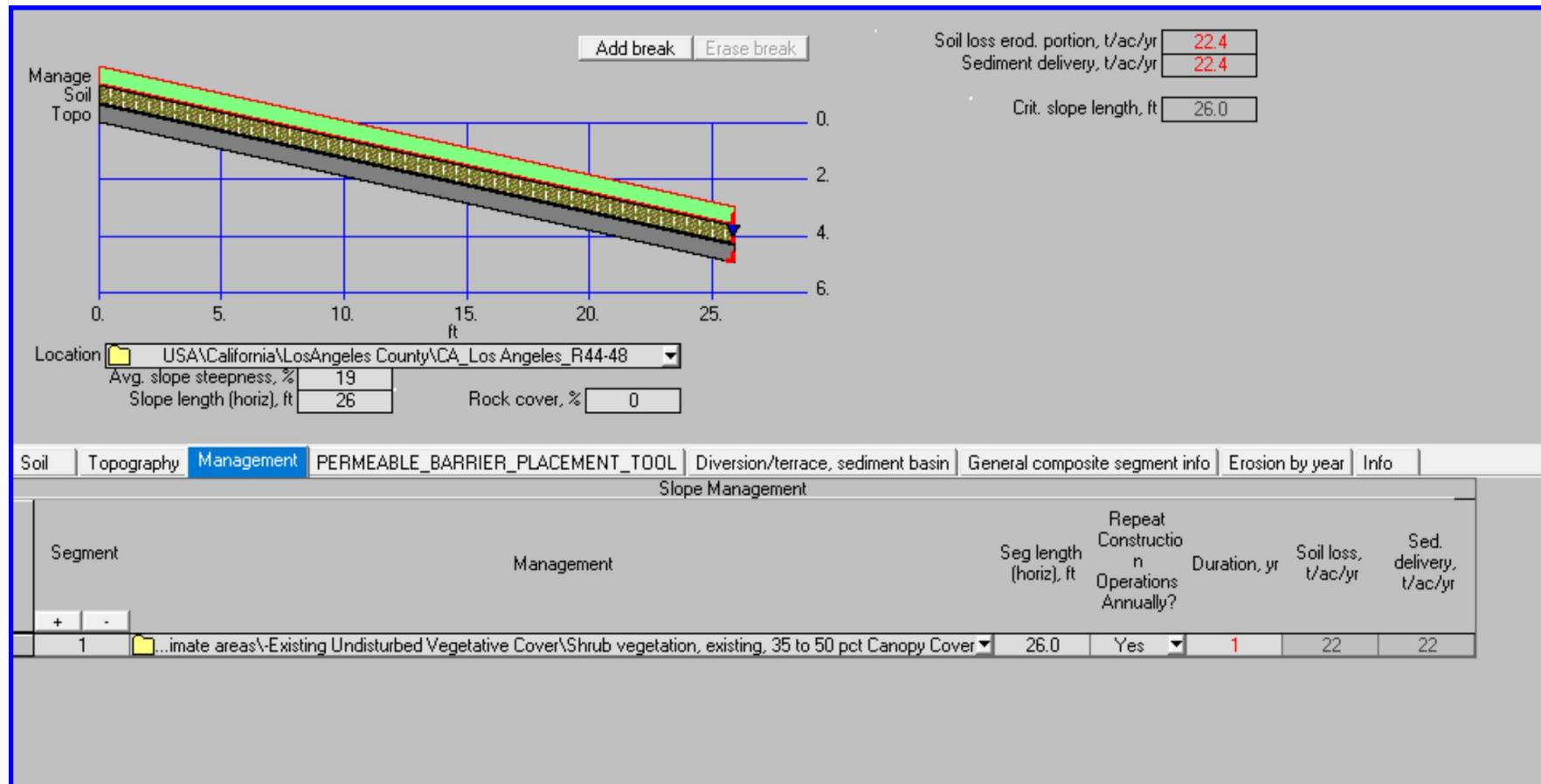
The During Construction Soil Loss is equal to or less than the pre-existing condition indicates a **16.43** Tons/Acre/Year.

RUSLE2: RISK Level 2 Project

Calculations on the following pages...



Pre-Disturbance Site Condition RUSLE2



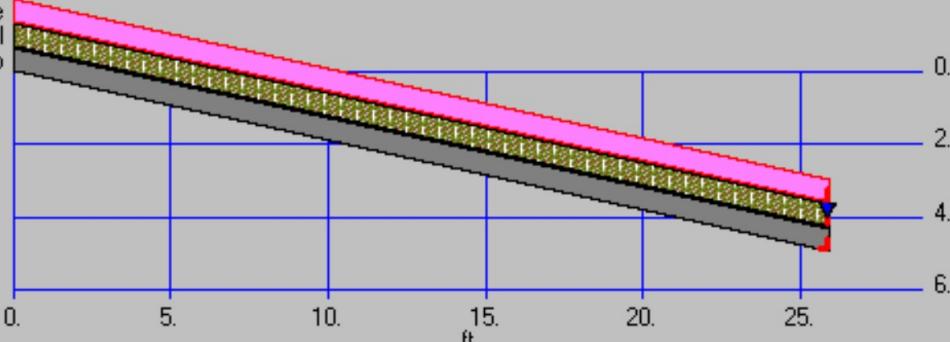
Phase 1 Demolition, Clearing, Grubbing, Grading Condition RUSLE2

Manage
Soil
Topo

Add break | Erase break

Soil loss erod. portion, t/ac/yr **16.7**
Sediment delivery, t/ac/yr **16.7**

Crit. slope length, ft **26.0**



Location USA\California\Los Angeles County\CA_Los Angeles_R44-48

Avg. slope steepness, % **19**
Slope length (horiz), ft **26**
Rock cover, % **0**

Diversion/terrace, sediment basin	General composite segment info	Erosion by year	Info
Soil	Management	PERMEABLE_BARRIER_PLACEMENT_TOOL	

How set barriers? Num barriers **1** Barrier spacing, ft Barrier at bottom? Yes

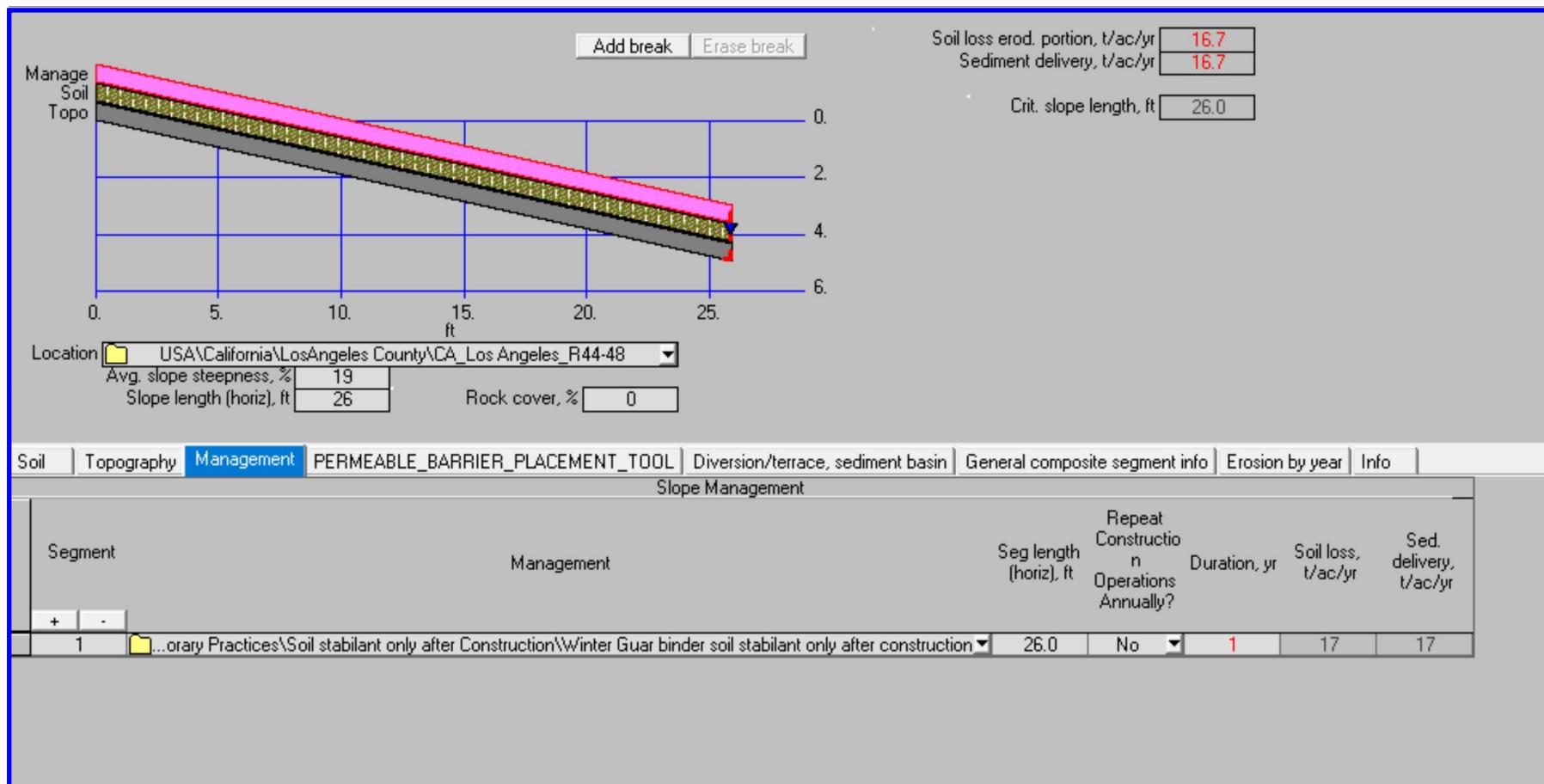
Barrier type Gravel Bag Berm SE-6 Op install barriers Date barriers on, m/d/y **1/5/26**
Op remove barriers Date barriers off, m/d/y **7/9/27**

Apply Sed. barrier system

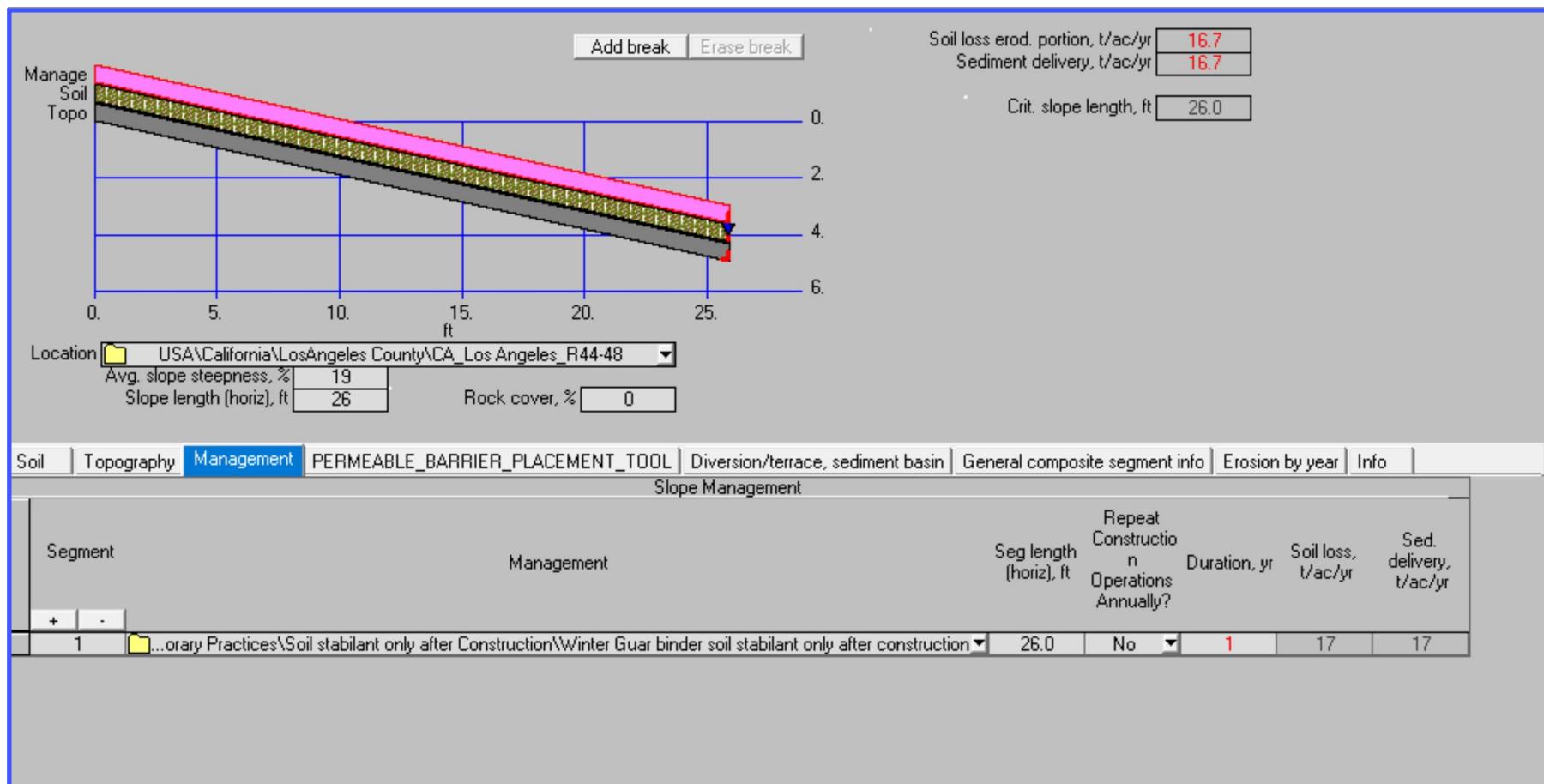
Sediment barrier set Sediment barrier set



Phase 2 Streets/Utilities Condition RUSLE2



Phase 3 Vertical Condition RUSLE2



Phase 4 Final Stabilization RUSLE2

