

**OGMCOAL - Sedcad Question**

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**From:** Steve Christensen  
**To:** Kevin Lundmark; mgreene@osmre.gov  
**Date:** 3/2/2010 4:56 PM  
**Subject:** Sedcad Question  
**CC:** OGMCOAL  
**Attachments:** White Oak Terrace Design.pdf

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Hi Mary,

I'm a hydro with the Utah Division of Oil, Gas and Mining. I took the Sedcad training in Denver a few years back and unfortunately, have not had much opportunity to use it...until now. ...which is why you're reading this. I've got some Sedcad questions and I'm hoping that you (or perhaps someone else that you might suggest) can help me.

The Division is doing a restoration project on a site that was reclaimed several years ago, but Mother Nature hammered the site shortly thereafter with back to back 100 year storm events. As a result, the reclamation work was severely impacted and to combat the erosion that has taken place, we're constructing three terraces.

I've attached a .pdf document depicting the project area. There are 4 sub-watersheds (labeled SW1, SW2, SW3 and SW4) that report to Whiskey Creek (blue line down the center). The area of major concern, and where the terraces are to be constructed, is in sub-watershed 3 (SW3).

My general question is on the proper routing. In SW3, the green areas depict the three proposed terraces (A, B, and C) and their respective watersheds. The terraces flow southwest to a riprap channel (blue line partially obfuscated by the green watershed boundaries). The riprap channel then flows to Whiskey Creek at the bottom of the drainage.

If you could help me figure out the proper routing for this site, I would GREATLY appreciate it. To facilitate communication, I've labeled the terraces Structure 1, 2 and 3 with the riprap channel Structure 4.

I'm assuming that the sub-watersheds contributing flow to each of the terraces will need to be defined in addition to the 4 larger sub-watersheds for Whiskey Creek. Clear as mud?

At any rate, I know you're busy and if you're not the right person to touch bases with on this, I'd appreciate it if you could let me know who might be able to help out. I'm sure that this is a very basic Sedcad application for someone who uses the software on a regular basis. Unfortunately, I'm not that person. . .yet! ;)

Feel free to give me a call or e-mail me at your convenience.

Regards,  
Steve

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Watershed Boundaries and  
Terrace Drainage Areas  
White Oak Mine  
C0070001



Legend

-  Terrace Drainage Area
-  Disturbance Boundary
-  Sub-Watersheds

