

Spearhead Trails

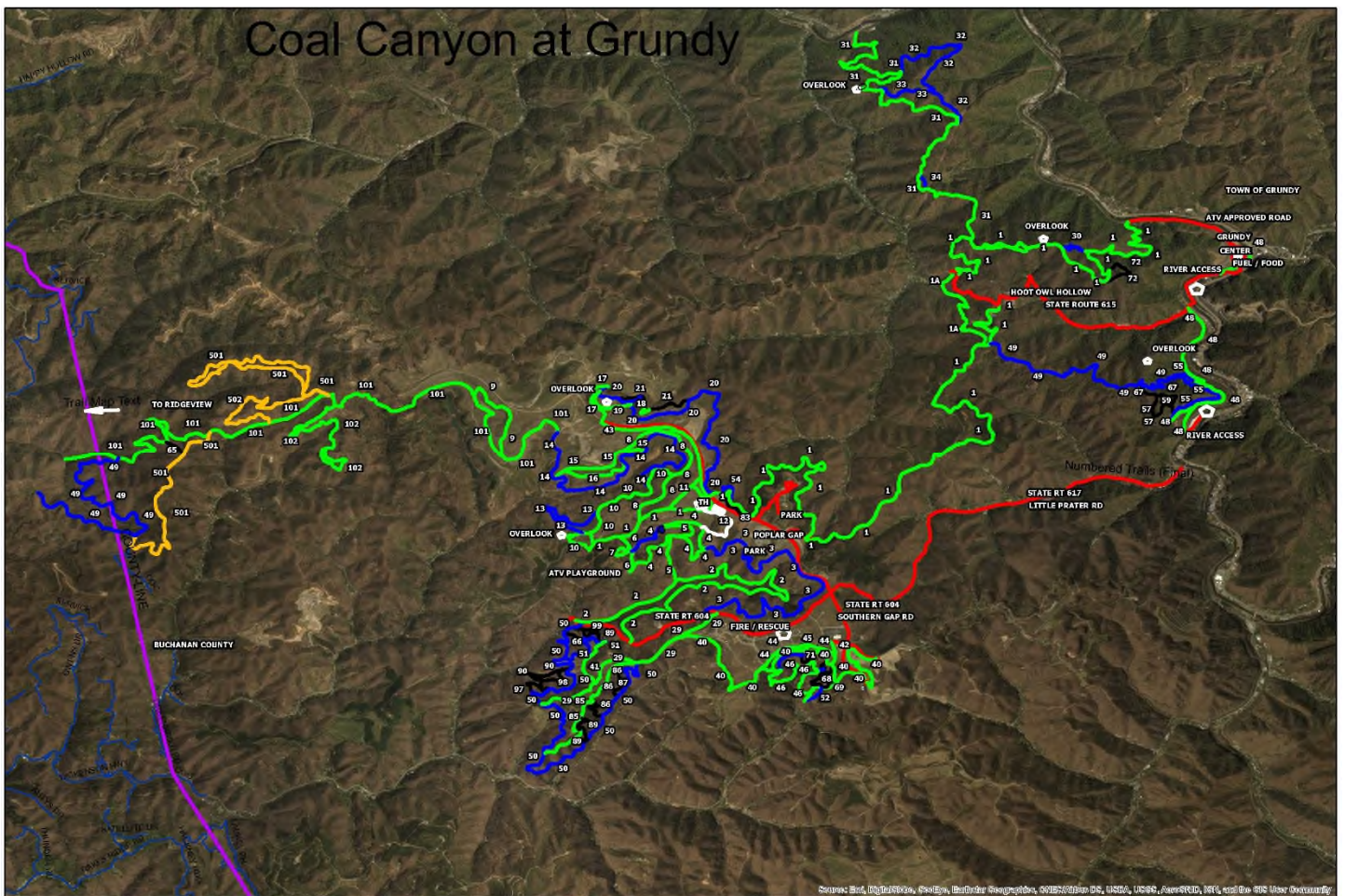
Coal Canyon at Grundy (Leetown section)

Grundy, VA

Buchanan County

Complaint Investigation Photo Log

August 10, 2020 by DEQ Staff (Jeff Kite & Jason McCroskey)



.pdf download of Coal Canyon Map from the Spearhead Trails website

Figure 01 (Section of trail across capped landfill. No new trail construction; 37°15'58" N, 82°08'03"W)



Figure 02 (Section of trail across capped landfill. Facing opposite Figure 01. No new trail construction; 37°15'58" N, 82°08'03"W)



Figure 03 (Section of trail utilizing existing road. No new trail construction; 37°15'32"N, 82°08'25"W)



Figure 04 (New land disturbance associated with either new trail construction or widening of an existing trail. Facing downhill away from capped landfill; 37°16'06"N, 82°08'13"W)



Figure 05 (New land disturbance associated with either new trail construction or widening of an existing trail. Facing uphill toward capped landfill; 37°16'06"N, 82°08'13"W)



Figure 06 (Window cut on section of trail construction shown in Figures 4 and 5 sending concentrated flows over the slope; 37°16'05"N, 82°08'11"W)



Figure 07 (Window cut on section of trail sending concentrated flows over the slope; $37^{\circ}15'56''\text{N}$, $82^{\circ}07'55''\text{W}$)



Figure 08 (Low spot in trail. Sediment flows down slope; $37^{\circ}15'49''\text{N}$, $82^{\circ}07'43''\text{W}$)



Figure 09 (Sediment loss over slope from the low spot in the trail shown in Figure 08 above; 37°15'49"N, 82°07'43"W)



Figure 10 (Sediment loss from trail over the slope; 37°15'52"N, 82°07'52"W)



Figure 11 (Trail entrance from residential driveway on the Leetown section of trail; 37°16'53"N, 82°06'56"W)



Figure 12 (Concentrated flows from entrance in Figure 11 above bypassing existing culvert, resulting in erosion; 37°16'53"N, 82°06'56"W)



Figure 13 (Residential entrance and rail crossing down gradient of entrance and culvert shown in Figures 11 & 12 above. Sediment deposition in driveway; 37°16'53"N, 82°06'56"W)



Figure 14 (New land disturbance associated with either new trail construction or widening of an existing trail immediately above entrance shown in Figure 11 above; 37°16'52"N, 82°06'57"W)



Figure 15 (New land disturbance associated with either new trail construction or widening of an existing trail. Photo taken facing downhill toward the entrance shown in Figure 11 above; 37°16'52"N, 82°06'57"W)



Figure 16 (New land disturbance associated with either new trail construction or widening of an existing trail. Photo taken facing uphill away from the entrance shown in Figure 11 above; 37°16'52"N, 82°06'57"W)



Figure 17 (New land disturbance associated with either new trail construction or widening of an existing trail immediately up gradient of the lawn of a residential dwelling; 37°16'52"N, 82°06'56"W)



Figure 18 (New land disturbance associated with either new trail construction or widening of an existing trail. Sediment loss down the slope to the corner of the lot associated with the residential dwelling shown in Figure 17; 37°16'52"N, 82°06'56"W)



Figure 19 (Loss of sediment from trail down over the slope; 37°16'52"N, 82°06'55"W)



Figure 20 (Trail concentrating flows down the slope leading to the area shown in Figure 19 above; 37°16'52"N, 82°06'55"W)



Figure 21 (Concentration of flows from the trail. Flows discharging over the slope resulting in sediment loss shown in Figure 22; 37°16'50"N, 82°06'53"W)



Figure 22 (Sediment loss down the slope resulting from area shown in Figure 21 above; 37°16'50"N, 82°06'53"W)



Figure 23 (Natural hollow crossed by trail with no visible cross pipe. Natural drainage intercepted by trail and conveyed down gradient away from hollow; 37°16'50"N, 82°06'53"W)



Figure 24 (Out slope of trail down gradient of natural drainage shown in Figure 23; 37°16'50"N, 82°06'53"W)



Figure 25 (New land disturbance associated with either new trail construction or widening of an existing trail leading to the area depicted in Figures 23 & 24 above; 37°16'49"N, 82°06'51"W)



Figure 26 (Same area as shown in Figure 25. Trail switches back around the curve in this photo; 37°16'49"N, 82°06'51"W)

