

Data Submitted (UTC 11): 2/1/2023 5:00:00 AM

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Title:

Comments: [External Email]Mountain Valley Pipeline's (MVP) Draft Supplemental Environmental Impact Statement

[External Email]

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Dear US Forest Service Director,

LiDAR

Water follows the rock face, under unconsolidated and consolidated material, until it puddles on manmade benches, which are currently saturated and squishy wet during this freeze-thaw cycle of Winter, indicating water penetration and retention, which gets heavy on a near vertical rockface. The water flows year-round, not just at Winter.

I have not seen reports of small ground movement, slips, scarps forming in the mvp ROW in the JNF, and not sure why this most dangerous of erosion, at the top of the Sinking Creek Mountain, at the blast cut is under-reported. Obviously, MVP blasted the Sinking Creek Mountain ridge from Craig County into the Jefferson National Forest, irreparably damaging the Jefferson National Forest and Sinking Creek Mountain and Craig County, Virginia.

-Mindfulness of the 2018 blasting a cut through some of the toughest Tuscarara Sandstone that has armored Sinking Creek Mountain for millenia; there is no way mvp's unpermitted blasting through JNF lands left the rest of the surrounding ground, unimpacted. Blasting that hard spine of the mountain lasted for more than two days. Blasting vibrations and gravity would have accelerated ground movement of boulder fields to migrate downhill, bit by bit.

LiDAR imagery would reveal how much ground movement has happened before any more disturbance adds to a dangerous situation. LiDAR should show displacement and possible strain of the boulder field debris flows.

LiDAR (composite) maps must be compared to measure how much ground movement has happened since 2017, after blasting in 2018 and the most current LiDAR, hopefully as recent as January 2023.

I am respectfully requesting "LiDAR" maps of these years (2017, 2019, 2023) so that the Public may study them for the debris flows to the west of the mvp ROW blast cut in Sinking Creek Mountain. I believe evidence of at least two of the boulder field debris flows are moving based on various observations of multiple indicators, on the ground, on site recorded early January 2023. Specific study area should include within 2 miles of Blast Zone along west side of ROW, on both Jefferson National Forest land and Private land sides of the Sinking Creek Mountain ridge, please. Southeast face of Sinking Creek Mountain is Jefferson National Forest and the northface of the mountain is Private land, also dangerously impacted by mvp project route.

Many potential places for stress cracks to happen on both sides of the mountain

Therefore; given the persistence of gravity, water and unstable slopes, further disturbance to the irreparable damage done to Sinking Creek Mountain by MVP will further degrade the land in the Jefferson National Forest and promote continuous erosion of disturbed ground. All pipe needs to be removed and ground repaired, and vegetated.

Current LiDAR maps would show where the ground has moved within the last five years within the area of interest of the two-mile radius of the pipeline, starting at the crest of Sinking Creek Mount

Sincerely,

Nan Gray

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