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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,

### SEEPS

New information not before presented to FERC, Jefferson National Forest or BLM,

Based on new information and observations of seeps on Sinking Creek Mountain, the mountain valley pipeline project should be denied entry and operation in the Jefferson National Forest, and I am asking the Forest Service to deny any ROW in JNF, due to extreme danger from water seeps.

Site visits to steep Sinking Creek Mountain ridge, by those of us who live here, in Craig County, Virginia have been conducted for over 35 years and we have always found water near the crest, in numerous scattered seeps of water that puddle, in warm weather. Extra large, very old growing Mosses abound near some seeps.

Confined water, under pressure, moves uphill until pressure is released by water no longer being confined; that is, that fresh mountain spring where you get a drink of water as the water emerges into daylight and atmospheric pressure, unconfined. Seeps are a slower flow, scattered in numerous locations, along the ridge of Sinking Creek Mountain, for approximately 30 miles. The southside of the ridge of Sinking Creek Mountain slopes downhill at an 85% slope, 44 degree angle, almost vertical, and is a shear(ed) rockface, into the Jefferson National Forest. Landslides have common indicators before detachment of ground is transported downhill by gravity or water weight, especially on mountain slopes greater than 35% (greater than 20 degree angle, which is tough to walk upright).

This south slope of Sinking Creek Mountain is also home to North America's largest ancient rock-block slide, rare and endangered landscapes, habitat, soils, fish and amphibians that have developed interconnected communities in vernal pools behind the series of ancient rock-block slides for approximately 23 miles along the steep mountain. The mvp ROW intercepts these special unique habitats, without understanding what is there. Disturbance to the crest of Sinking Creek Mountain directly impacts two major watersheds at the headwaters, the source water, the springs that flow water year-round, at the crest of the mountain.

Construction fill material in the mvp ROW on Jefferson National Forest land on the southside of Sinking Creek Mountain is not stable, with continuous water flow coming from between now exposed rock bedding planes bearing confined water and failing erosion control water diversion ditches, with water seeps at near-vertical rock contact, and eroding gullies through fill material, and ponding in downslope fill material bench.

One seep, at the natural crest of Sinking Creek Mountain was frozen solid, with dripping edges as flowing liquid water forced its way around the ice-plug. Another seep of water emerged at the mvp dynamited route in exposed 85% slope sandstone rockface, in disturbed construction fill material from blasting of rock at the crest of Sinking Creek Mountain (for cut and fill) in Jefferson National Forest.

This seep was on one end of a trench that has failing construct

Sincerely,

Nan Gray

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