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

[External Email]

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Dear US Forest Service Director,

Fog at the crest of Sinking Creek Mountain ridge

Physical Evidence of Fog

New information not before presented to FERC, Jefferson National Forest or Bureau of Land Management

January 2023. Based on new information and observations of Fog, 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 pipeline ROW in JNF.

The ridge of Sinking Creek Mountain is often covered in wet Fog in Winter, that freezes and frosts the trees overnight, while the valley may not freeze 1,000 feet away. The wet air clings to the mvp chalky green pipes in the ROW, leaving waterspots and rusty drip marks. The moisture corrodes the pipe, both chemically and physically.

The pipes are not suitable for use due the chemical weathering by Fog, and its misty cling, corroding pipes.

Fog, subject to freeze-thaw, penetrates surfaces and freezes, physically corroding pipe surfaces. Fog, at the crest of Sinking Creek Mountain where some pipe is stored, has degraded the pipes and coating.

Fog is also a corroder of soils, that is, soils and fill material saturated with Fog are heavy and can move on a near vertical mountain slope. Fog moisture is not included in the erosion control plans prepared by mvp, but it is 100% moisture in the air, and lingers for days, and may not add to a rain gauge.

This is the area once considered the Exclusion Zone - not to be built or disturbed because of the fragile karst ecosystem on one side and JNF on the other side of Sinking Creek Mountain. This was foggy damp land and not suitable for pipeline construction - best avoided. Karst not suitable for construction of a pipeline -best avoided. Fluctuating water table on steep slope not suitable for construction - best avoided, Shrink-swell clay problems not suitable for construction -best avoided, steep slopes-best avoided, landslide soils -best avoided, extreme freeze-thaw episodes -best avoided, moving ground-best avoided, Water Protection Zone -best avoided, Jefferson National Forest -best avoided, source water springs of drinking water for people and livestock- best avoided. The route is not suitable for construction and best avoided as it currently stands. The soils are not suitable for routing nor construction. Drinking water impacts from construction of pipeline are widespread, and now Fog needs to be

included in danger to the mvp project.

mvp Pipes on Sinking Creek Mountain are obscured in the Fog, and unsuitable for use, and dated 06/20/2017 on their epoxy coatings. Frozen Fog is a serious danger to steel pipes in steep mountain terrain with extreme temperature fluctuations from one side of the mountain to the other.

There is too much danger for mvp to operate in the Jefferson National Forest. The Forest Service should choose the "No Action" Option and not allow mvp to enter Forest Service land.

Sincerely,

Nan Gray

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