

Line 3 construction plans failed to protect environment *most* of the time. As permit violations mounted, agencies let harmful methods continue unabated.



28 Spills in 21 Water Crossings shows Enbridge plans to protect water failed most of the time.

Prompted by a letter and meeting with legislators, the MPCA released spill data on Monday, August 9:

- 28 unique spill incidents.
- 12 of 21, or 63%, HDD (horizontal directional drilling) crossings were polluted with drilling fluid,

Enbridge's construction plans and practices failed most of the time. 80% of the rivers crossed with HDD were impacted.

Each spill is a violation of the MPCA's approved 401 water quality certification permit. The PCA did not give a discharge permit to Enbridge because Enbridge said there wouldn't be discharge, a claim now disproven 28 times. Despite these repeated and mounting failures, the PCA did not ask Enbridge to suspend drilling until causes of the spills could be determined and better methods identified. Rather, the PCA allowed these practices causing permit violations to continue unabated.

Each of these 28 permit violations are still under investigation by the MPCA.

Additional spills continue to be identified by community members observing the area.

Sixty foot columns of drilling mud released underground continue to be pushed up to the surface as time goes on, continually repolluting the surrounding ecosystems.

Enbridge's clean up of the frack-outs has been wholly inadequate.

The oil slicks (as shown at top in a photo of the impacted Mississippi Headwaters from summer 2021) may contain either diesel (often added to drilling mud) or plant-based oil. But the effect on bird feathers, fish, insects and plants is the same. These spills are toxic to flora and fauna and pollute the water. This photo taken 9/17/21 shows the grey-tinted water just downriver from the frac-outs on the Mississippi River and a fish with several tumors. Many area fish now suffer from "Lymphocystis" due to lowered immune systems caused by bad water quality. (Photos by Ron Turney.)

