Data Submitted (UTC 11): 10/24/2020 9:20:31 AM

First name: Danielle Last name: Barna Organization:

Title:

Comments: I am a PhD student studying the effects of climate change on flooding frequency and I need to point out a glaring hole in Midas' environmental impact statement: it does NOTHING to account for the effects of climate change.

We already know stream temperatures are likely to rise under climate change, decreasing fish habitat. The Midas mine would further increase stream temperature, as they admit. However the SPLNT temperature models used in the DEIS stream temperature analysis do not account for changes to stream temperatures caused by changing climate conditions, and do not account for increased temperatures in the East Fork South Fork downstream of the mine site, even though the "Fisheries Analysis Area" encompasses downstream habitats and downstream temperature increases are probable and predictable.

Worse, this impact could be more accurately calculated with the NorWeST model produced by the Rocky Mountain Research center but Midas doesn't care enough--or maybe doesn't want to--use accurate models.

This does nothing to say whether the effects of climate change on different / potentially increased flood frequency would impact their tailings ponds.

Their environmental impact assessment is a joke and they don't care about providing us with the most accurate data. As a scientist and a resident of Idaho, I stand against this mine.