

Water

- Fact The quantity of water pumped from aquifers in Izard County will increase by more than 20%, impacting private and public water supplies. No modeling studies of the potential impact have been done.
- Fact Water quality will be negatively impacted by temperature change and sediment. The extent of risk is unknown.
- Fact Trout can only get oxygen from cold water. Trout size and quantity decline as water temperature increases. Water temperature is already an issue in the Izard County area of the White River.
- Fact Mine quarries can be left as open bodies of water... forever. Local water tables are negatively affected.

Questions to Ask

- How will water supplies be impacted? What adverse effects could happen to wells and springs? How will we know this is happening? Who should finance the studies to determine the risks?
- What constitutes an adverse effect? If there are adverse effects, who will pay for them and how will this be decided?
- How will the decline of the cold water fishery impact the county?

Want more information? Here are some sources to investigate:

USGS Report on Groundwater Depletion -

<http://ks.water.usgs.gov/pubs/press/ozarkgroundwaterflowmodel.html>

Effects of Mining USDA - http://www.fs.fed.us/pnw/pubs/pnw_gtr119.pdf

Water Resources Impact of Rockfort Quarry -

http://www.town.caledon.on.ca/contentc/townhall/departments/planningdevelopment/21NOV08_Water_Resource_Impacts.pdf