Tim Mihursky

Fracking is an environmental disaster & geologic hazard. Is DRBC illiterate & not doing their homework?

Contamination in North Dakota linked to fracking spills

Metals, salts and radioactivity in brine-laden wastewater years later

Date: April 27, 2016 Source: Duke University

Summary:

Accidental wastewater spills from unconventional oil production in North Dakota have caused widespread water and soil contamination, a new study finds. Researchers found high levels of contaminants and salt in surface waters polluted by the brine-laden wastewater, which primarily comes from fracked wells. Soil at spill sites was contaminated with radium. At one site, high levels of contaminants were detected in residual waters four years after the spill occurred.

Earthquakes triggered by fracking, not just wastewater disposal, study finds Science Nov 18, 2016 3:50 PM EST

Hydraulic fracturing drives earthquakes in western Canada, according to research published Thursday in Science. The results defy the often-touted belief that the disposal of wastewater is the sole source of man-made earthquakes with fossil fuel extraction technique.

The small earthquakes "were always during or right after fracking, and they're also confined to a limited area," University of Calgary geophysicist, and co-author of the research paper David Eaton told NewsHour. Before fracking, the sparsely populated area in Alberta, Canada did not have a history of seismic activity.