

Ron Hine

Fracking pollutes water, even when the operations are regulated. If allowed in the Delaware River Watershed, over 15 million people's water would be at risk.[1] Pennsylvania Department of Environmental Protection (PADEP) has determined that there are 302 cases of private water well contamination caused by oil and gas operations in the Commonwealth[2] and the number increases regularly as more cases are reported and investigated. And that number doesn't cover the whole story –for instance, methane migration into water wells from fracking is not being counted by PADEP as a pollution incident.[3] And many of the 302 "cases" represent multiple wells and large aquifer areas, as many as 16 water wells and, in the case of Dimock, nine square miles of aquifer were contaminated.

Over 4,400 water complaints related to oil and gas have been filed by the public with PADEP. Between 2004 and 11.2016, PADEP lists 9,443 public complaints about environmental problems in shale gas drilling areas.[4] As fracking has progressed in Pennsylvania, instead of practices improving and the adoption of new regulations by PADEP reducing gas and oil operation-related complaints, the ratio of complaints has increased.[5] The Pennsylvania data from the shale fields supports the finding that fracking simply cannot be done safely, no matter how it is regulated or what "best practices" are employed.

[1]http://www.nj.gov/drbc/library/documents/ResforMinutes091317_natgas-initiate-rulemkg.pdf

[2]http://files.dep.state.pa.us/OilGas/BOGM/BOGMPortalFiles/OilGasReports/Determination_Letters/Regional_Determination_Letters.pdf

[3]<http://www.nationofchange.org/2017/01/31/9442-citizen-reported-fracking-complaints-reveal-12-years-suppressed-data/>

[4]<https://stateimpact.npr.org/pennsylvania/2017/01/31/data-trove-offers-new-details-on-complaints-to-dep-during-shale-boom/> and

https://docs.google.com/spreadsheets/d/1_tg1zTCA-xTmFk4ercdYJt4zqmQZ9x89qliQg55zekg/edit#gid=1060152199 and

<https://maps.fractracker.org/latest/?appid=f973714e27c14e1ebee222d2560f8cb0>

[5]<http://publicherald.org/hidden-data-suggests-fracking-created-widespread-systemic-impact-in-pennsylvania/>