

RBDMS FracFocus

FracFocus is the national hydraulic fracturing chemical registry. The system allows agencies to receive disclosure of chemicals and fluids used in the process of hydraulic fracturing from operators. The original purpose of the system was voluntary submission of disclosures by operators; however, as of December 2016 twenty-three states require or explicitly permit the use of FracFocus as the means of regulatory chemical disclosure.

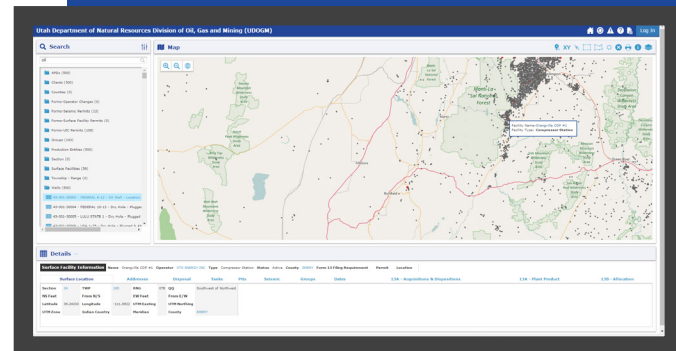
Disclosures are received in a data format that allows users to quickly search for wells that have been hydraulically fractured and view chemical disclosure information for each well. Agencies can integrate FracFocus data with their RBDMS system by either feeding data collected in RBDMS to FracFocus or pulling FracFocus information into RBDMS. For those states that require disclosure of hydraulic fracturing chemicals and fluids, FracFocus provides the means for operators to submit the data in accordance with statutory or regulatory requirements.

FracFocus provides a powerful tool for agencies to provide transparency to the public (www.fracfocus.org).

TECHNICAL SPECIFICATIONS

This technical specification is for the disclosure site (www.fracfocusdata.org). It was built using the following primary technologies:

- C#
- Entity Framework
- WCF Services
- Web API 2.2 and OData services
- Google maps
- AngularJS 1.x
- AdobePDF (created via SQL reports, but stores as PDF)
- Bootstrap
- jQuery



Client

Hardware Recommendations

- 4GB RAM or greater
- Dual-core processor or greater
- 1024x768 screen resolution

Software Recommendations

- Modern Web Browser
 - Chrome (recommended)
 - Firefox
 - Internet Explorer/Edge
 - Additional browsers may or may not be supported

Server

FracFocus is hosted by the Groundwater Protection Council (GWPC) and the Interstate Oil & Gas Compact Commission (IOGCC). It is not available for on-premise installation.