

Ionic liquids are being evaluated for use in the detection of organic contaminants in produced water.

Uptake into an ionic liquid film can be monitored online, allowing instantaneous detection of problems with produced water at the site of origin.

The first step in the development of this technology is to measure the partitioning of organics into ionic liquids under a variety of conditions, temperature, pH, and salinity.

An experimental program has been developed, and will start this summer.

[Read more about this work.](#)