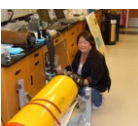


Elkhorn Slough Water Quality Monitoring and Trends – LOBO Data

Ken Johnson
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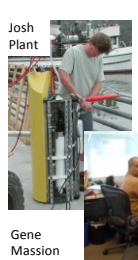
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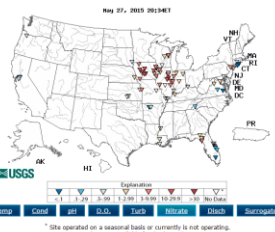
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USGS WaterQualityWatch

Continuous Real-Time Water Quality of Surface Water in the United States

Real-Time Nitrate, in mg/L

May 27, 2015 09:14ET

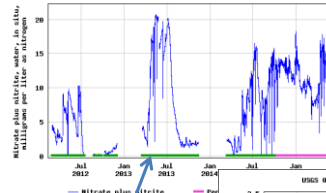


USGS

The "Real-time" map tracks short-term changes (over several hours) of water quality. Although the general appearance of the map changes very little from one hour to the next, individual sites may change rapidly in response to major rain events or to reservoir releases. The data used to produce this map are [available here](#).

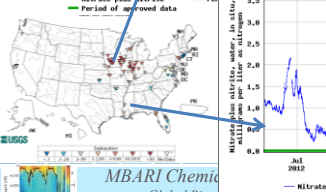
Animate national map by current Month, or last 12 months

USGS 05404500 Racoon River at Van Meter, IA



US EPA Maximum Contaminant Goal (MCG) for nitrate in drinking water 10 mg/L

USGS 07374000 Mississippi River at Baton Rouge, LA



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Conflict Over Soil and Water Quality Puts 'Iowa Nice' to a Test

By NICHOLAS SMITH APRIL 10, 2015

MANSON, Iowa — The flat, endless acres of black dirt here in northern Iowa will soon be filled with corn and soybean seeds. But as farmers tuned up their tractors and waited for the perfect moment to plant, another topic weighed on their minds: a lawsuit filed in federal court by the state's largest water utility.

After years of mounting frustration, the utility, [Des Moines Water Works](#), sued the leaders of three rural Iowa counties last month. Too little has been done, the lawsuit says, to prevent nitrates from flowing out of farm fields into the Racoon River and, eventually, into the drinking water supply for roughly 200,000 Iowans. The suit seeks to make farmers comply with [federal clean-water standards for nitrates](#) that apply to factories and commercial users, and requests unspecified damages.



James Franco

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Technology transfer from the Chemical Sensor Lab



Products

ISUS V3 Nitrate Sensor

Specifications Gallery Software Documents FAQ References



SeafETM Ocean pH Sensor

The SeafETM Ocean pH sensor is an ion selective field effect transistor (ISE) type sensor for accurate long-term pH measurements in salt water.

Contact Sales



SUNA V2 UV Nitrate Meter

The Suna V2 nitrate meter is an innovative new technology for accurate long-term nitrate measurements in seawater and freshwater environments.

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