

Methane Test Results Wells October 17, 2017.

Sangamon Valley PWD first quarter total dissolved methane test results:

Well 1 - .12 mg/L \*

Well 3 - .06 mg/L \*

Well 4 - .11 mg/L \*

**\*Test results indicate trace levels of methane in our wells.**

Methane Test Parameters.

Federal and state drinking-water quality standards do not establish limits for methane in water wells. However, given the hazardous nature of methane in water wells, the U.S. Department of the Interior, Office of Surface Mining (Eltschlager and others, 2001) recommends the following:

- Owners of wells with dissolved methane concentrations greater than 28 mg/L should immediately contact Illinois State Water Survey to obtain assistance and guidance in venting the wellhead and for other possible remediation alternatives.
- Owners of wells with methane concentrations greater than 10 mg/L but less than 28 mg/L may also wish to contact Illinois State Water Survey for further assistance and consider removing potential ignition sources from the immediate area.
- Methane concentrations less than 10 mg/L require no action, other than periodic monitoring to see if methane concentrations are changing