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Delaware Department of Natural Resources and Environmental Control

DNREC and DHSS-Division of Public Health Protect Drinking Water in Lincoln, DE

DNREC and DHSS Workshop at Lincoln United Methodist Church Wednesday, November 4, 2015, 6:00-7:30pm

The Department of Natural Resources and Environmental Control (DNREC) and the Department of Health and Social Services – Division of Public Health (DHSS-DPH) invite you to a workshop at the Lincoln United Methodist Church (Lincoln UMC) located at 8641 Second Street in Lincoln, DE. The workshop will provide residents in the area with the most recent information concerning:

- Environmental investigations in the vicinity of Lincoln UMC; and,
- Laboratory analytical results for Lincoln UMC, Evelyn Morris Early Childhood Education Center (**no volatile organic compounds detected**), and private wells in the area.

Background

DNREC and DHSS-DPH are working together to investigate low-level methyl tertiary butyl ether (MTBE) contamination identified in several shallow, private drinking water wells in Lincoln. MTBE is a volatile organic compound (VOC) formerly used as an additive in gasoline. Although the MTBE concentrations detected in the private wells are **not** an immediate health risk, DNREC and DHSS-DPH are continuing to monitor the drinking water wells.

Several investigations for petroleum-related contamination were performed in the Lincoln area. At least two sources of the contamination and the associated responsible parties were identified. A number of private potable wells were impacted and replaced with deeper wells by DNREC and/or the responsible parties. Current work is part of an ongoing investigation of an underground storage tank (UST) leak discovered in 2002 on the Frank Clendaniel, Inc. property. DNREC took over the investigation in 2008. At this time, it is not clear if the MTBE contamination recently identified is related to the identified petroleum releases in the area. DNREC and its environmental contractor, Kleinfelder, are continuing their investigation in Lincoln to determine the source(s) and extent of the recent MTBE contamination. As part of the investigation, 14 potable wells in the area were sampled in June 2015. The results of the testing of the drinking water at Lincoln UMC indicated that one compound, MTBE, was detected above the safe drinking water level of 10 parts per billion (ppb). The testing indicated that three private wells near Lincoln UMC also contained trace concentrations of MTBE, but the levels were below the safe drinking water standard of 10 ppb. In October 2015, DHSS-DPH completed additional drinking water testing for VOCs at the Evelyn Morris Early Childhood Education Center and three residential properties. Trace levels of VOCs were detected at two of the three residential properties; **no VOCs were detected** at the school.

**Delaware Department of Natural Resources
and Environmental Control**

**DNREC and DHSS-Division of Public Health
Protect Drinking Water in Lincoln, DE**

Lincoln Informational Workshop

Department of Natural Resources and Environmental Control and
Department of Health and Social Services-Division of Public Health
Hosted By: Lincoln United Methodist Church
8641 Second Street, Lincoln, DE

November 4, 2015, 6:00-7:30pm

AGENDA

- 6:00-6:05** Introductions and Opening Remarks
(Alex Rittberg, DNREC Program Administrator)
- 6:05-6:30** Review of Lincoln Environmental Investigations: Past and Current
Efforts
(Christopher Brown, DNREC Project Manager)
- 6:30-6:50** Private and Public Water Supply Sampling
Public Health Issues
(Dr. Ming Lau, and Ed Hallock DHSS-DPH)
- 6:50-7:00** General Questions and Answers
- 7:00-8:00** Workshop Session—Information Tables
Meet with project participants

Potable Well Sampling and Contact Information: DNREC may identify additional properties with potable wells to be sampled. For more information concerning the investigation, please contact:

Christopher Brown of DNREC at 302-395-2500, or by e-mail at:
Christopher.Brown@state.de.us

Health-related questions may be directed to:

Kevin Cottman of the Division of Public Health at 302-741-8630, or by e-mail at:
Kevin.Cottman@state.de.us