



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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### Update on Groundwater Problem in Vicinity of Lime Kiln Park, Grafton, Ozaukee County

The Wisconsin Department of Natural Resources and the U.S. Environmental Protection Agency have completed their investigation of private well contamination. A "Health Advisory Area" has been established where owners will be encouraged to abandon their wells due to the risk of contamination by volatile organic chemicals (VOCs). The Village of Grafton has offered to extend public water service to all properties within the affected area.

#### *Where is the Health Advisory Area?*

It includes 32 properties in three clusters: 20 homes along both sides of Nantucket Court and Manchester Drive from the river going east to the intersection of Manchester Drive and Cambridge Court; 9 homes along only the east side of Green Bay Road from Lime Kiln Park going south to the entrance of the Riverside Park, including 1 park well; 2 homes along Green Bay Road north of Lime Kiln Park near the park entrance. A complete list of addresses is attached.

#### *Why isn't my home included in the area?*

At least one intervening well tested clean, you are up-gradient, or at least 300 feet side-gradient of the contamination plume. The boundary is based on the flow pattern of contaminated groundwater and includes a "buffer zone" of uncontaminated wells along the edges of the plume. Your well is believed to be safe and not significantly at risk of future contamination.

#### *What assurance is there that other wells will not be affected?*

Besides the buffer zone already established, a few selected wells along the edge will be sampled annually to monitor the spread of contaminants and assure that the next line of homes is protected. These wells will be chosen by DNR and the monitoring will be conducted by a private consulting firm retained by the Village of Grafton.

#### *My well tested clean. Why is my property included in the advisory area?*

Your well is adjacent to the landfill or a neighboring property with a contaminated well. Your well could possibly be affected based on the groundwater flow pattern. Your well represents a "buffer zone" where we'd rather be safe than sorry.

#### *What are the terms of connecting to Village water for properties in the advisory area?\**

Properties in the advisory area will not pay any costs for water main construction, service lateral installation, interior plumbing connections, landscape repair or well abandonment. They will be charged for their metered water use. Annexation will not be required.

\* At the time of writing this update these terms are being finalized by the Village, EPA and attorneys for some affected properties. Subject to their negotiations these terms may change.

*What if I choose not to hook-up to Village water at this time?*

No further technical assistance can be offered to owners of wells in the advisory area. Resources are needed for other problems. Wells in the advisory area will *not* receive long-term monitoring. The Village is not required to extend their offer to provide public water connections within the advisory area beyond this construction project. You will basically be on your own for testing, water treatment and to arrive at any settlement for damages.

*What will happen to the water treatment devices installed by the EPA?*

All carbon filter treatment systems will be left in place and become the property and responsibility of the property owners. After village water is connected the air stripping units will be removed from the three homes where they are installed and be used at other EPA emergency sites.

*What if I am outside the advisory area now but my well tests bad in the future?*

This is not expected to happen due to the safety margin provided by the buffer zone. However, should this occur it is hoped that similar terms as now offered can apply to newly affected wells.

*Can I hook-up to Village water if I am not in the advisory area?*

This is possible if you are along the route of the water main extension. However, terms for connecting will not be the same as for properties with contaminated wells. You will likely have to pay some costs and meet other conditions for village services. Contact the Village for a detailed proposal.

*Can I keep my well for sprinkling and other nonpotable use?*

No. If you connect to Village water you are required to properly abandon your well. This will be done at no cost to you. DNR is concerned with unauthorized use, long term monitoring and the bad affect polluted wells can have on groundwater by helping spread contamination to deeper levels.

*How long will it take to get Village water?*

The goal is to complete the project before the end of this calendar year.

*What will happen to the contaminated groundwater?*

This pollution is likely to have existed for many decades and has probably reached a steady-state condition. Although monitoring wells will be installed to study the spread of the plume, it is likely that it will continue moving southeasterly under the river valley until it is diluted with clean water to a point where it is not detectable. Investigation of the source will conclude what the best method of clean-up or containment will be.

*What further investigation will be done?*

The DNR will oversee an investigation of the Lime Kiln Park property conducted by a private environmental consultant hired by the Village. This will also evaluate the contribution of other sources. This typically includes soil borings, installation of monitoring wells, testing of soil and water samples, file research and computer modeling. Based on the feasibility of various remedies, a long-term strategy for management of the contamination sources will be decided.

Properties Within the Private Well Drinking Water Health Advisory Area - Town of Grafton:

PW#20 - Richard D. Peldo, 737 Cambridge Court, Grafton 53024  
PW#19 - Thomas McCormack, 1711 Manchester Drive, Grafton 53024  
PW#18 - Jack Nauman, 1715 Manchester Drive, Grafton 53024  
PW#12 - Kenneth Goetz, 1725 Manchester Drive, Grafton 53024  
PW#11 - Charles Aldenhoff, 1720 Manchester Drive, Grafton 53024  
PW#13 - Kurt Hackbarth, 1733 Manchester Drive, Grafton 53024  
PW#14 - Mark Zager, 1741 Manchester Drive, Grafton 53024  
PW# 1 - Dennis Johnson, 1749 Manchester Drive, Grafton 53024  
PW# 2 - Aloys Hospel, 1725 Manchester Drive, Grafton 53024  
PW#17 - James McElwee, 1767 Manchester Drive, Grafton 53024  
PW#16 - Thomas Indresano, 1785 Manchester Drive, Grafton 53024  
PW#15 - Mark Shank, 1792 Manchester Drive, Grafton 53024  
PW# 4 - Dale Carnell, 1788 Manchester Drive, Grafton 53024  
PW# 3 - Robert Brennan, 1784 Manchester Drive, Grafton 53024  
PW# 5 - Salvador Del Rosario, 1736 Manchester Drive, Grafton 53024  
PW#10 - Edward Kronn, 743 Nantucket Court, Grafton 53024  
PW# 9 - Dave Hamilton, 751 Nantucket Court, Grafton 53024  
PW# 8 - Stephan Eichenbaum, 756 Nantucket Court, Grafton 53024  
PW# 6 - Robert Smith, 759 Nantucket Court, Grafton 53024  
PW# 7 - Kevin Kotes, 758 Nantucket Court, Grafton 53024

PW#34 - David Rusch, 812 Green Bay Road, Grafton 53024  
PW#35 - Mr. Rene Wegner, 820 Green Bay Road, Grafton 53024

PW#37 - Michael Uihlein, 760 Green Bay Road, Cedarburg 53012  
PW#38 - Jay Buntrock, 740 Green Bay Road, Cedarburg 53012  
PW#39 - Richard Fix, 724 Green Bay Road, Cedarburg 53012  
PW#60 - Thomas Traband, 698 Green Bay Road, Cedarburg 53012  
PW#65 - Brian Altenbach, 688 Green Bay Road, Cedarburg 53012  
PW#66 - David Gandt, 678 Green Bay Road, Cedarburg 53012  
PW#67 - Dennis Schotts, 668 Green Bay Road, Cedarburg 53012  
PW#68 - Ed Wendtland, 664 Green Bay Road, Cedarburg 53012  
PW#69 - Robert Prinz, 646 Green Bay Road, Cedarburg, 53012  
PW#48 - Grafton Dells Ltd., 622 Green Bay Road, Cedarburg 53012

32 wells = 5 safe water exceedences + 12 chemical detects + 14 chemical free (buffer) + 1 untested

