

Below is a copy of the summary of the Drinking Water Source Assessment Report:

Drinking Water Source Assessment for the Village of New London



SUMMARY

Source Water Assessment and Protection. The following report for the Village of New London was compiled as part of the Source Water Assessment and Protection Program for Ohio. This program is intended to identify drinking water protection areas and provide information on how to reduce the risk of contamination of the waters within those areas. The goal of the program is to ensure the long term availability of abundant and safe drinking water for the present and future citizens of Ohio.

The Safe Drinking Water Act Amendments of 1996 established the national Source Water Assessment and Protection Program, targeting drinking water sources for all public water systems in the United States. A public water system is a facility that provides drinking water to 15 or more service connections or that regularly serves at least 25 people a day for at least 60 days a year, whether from an underground well or spring, or from an above ground stream, lake, or reservoir. The requirement does not address residential wells or cisterns. In Ohio there are approximately 5,800 public water systems.

Background. The Village of New London operates a community public water system that serves a population of approximately 3,200 (Plant #1) and 10,100 (Plant #2) people. The source is surface water taken from Buck Creek. The system's treatment capacity is approximately 520,000 gallons per day (Plant #1) and 900,000 gallons per day (Plant #2), but current average production is about 285,000 gallons per day (Plant #1) and 714,000 gallons per day (Plant #2).

Protection Areas. The drinking water source protection area for the surface water source is shown in the following figure.

This report includes the results of an inventory of all known or identified potential contaminant sources within the drinking water protection area. The inventory was conducted by Ohio EPA with the assistance of John Chapin, Superintendent of the Village of New London Water Treatment Plant. Possible threats to the surface water source include agricultural runoff, pasture, above ground storage tanks, industrial storm water, gas line rupture, marina boat docks, unsewered areas, cemeteries, oil and gas wells, roadways and railways.

Protective Strategies. The ultimate goal of source water assessment is implementation of protective strategies that will better protect the drinking water source. Strategies for protecting Buck Creek should include controlling runoff from agricultural areas, establishment of an early warning and emergency response plan for spills, controlling home and commercial septic system discharges from failing systems, coordination with local emergency response agencies, and evaluation of the potential impacts from wastewater treatment plant sludge application within the protection area.

The Village of New London and other jurisdictions comprising the protection areas are encouraged to develop a local protection plan to protect the source of drinking water or to update current emergency management plans as applicable. Local watershed planning efforts may already be underway to guide stream restoration and protection activities. These efforts can also serve to benefit the protection of drinking water sources. Guidance on how to form a Drinking Water Protection Team and protection plan is available from Ohio EPA by calling (614) 644-2752.

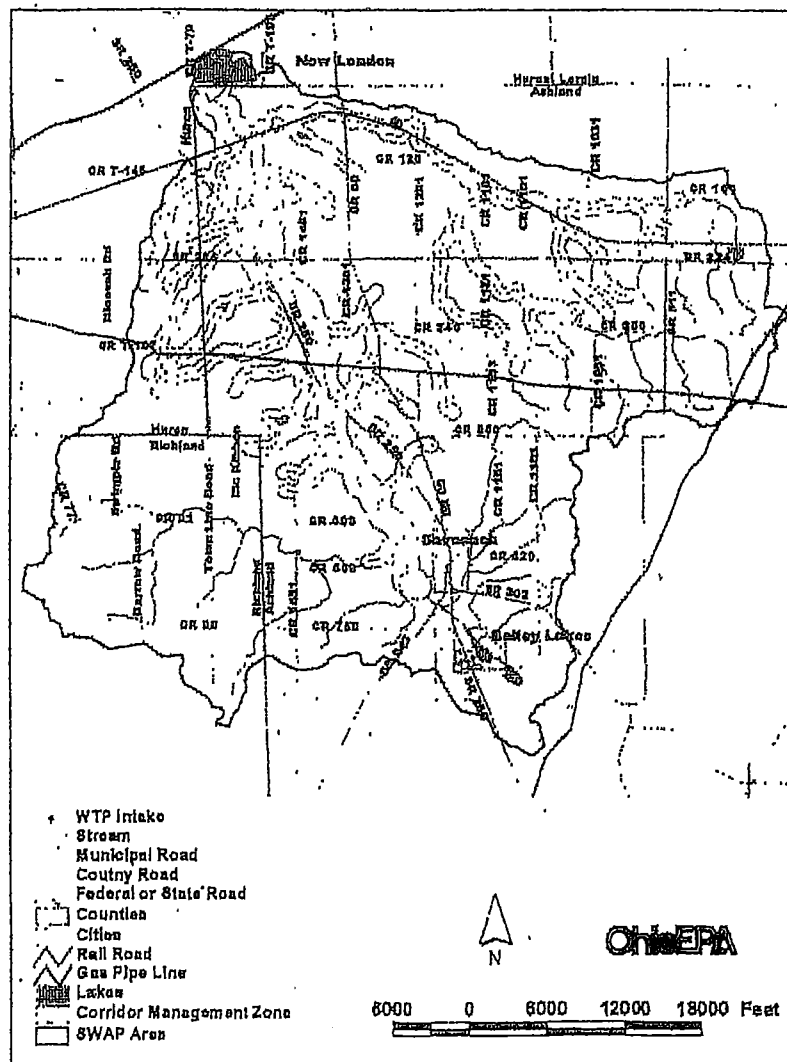
For More Information. Additional information on protective strategies and how this assessment was completed is included in the detailed Drinking Water Source Assessment Report for the Village of New London.

For information on how to obtain a copy of this report, please visit Ohio EPA's Source Water Assessment and Protection Program Web page at

<http://www.epa.state.oh.us/ddagw/pdu/>

[swap.html](#) or contact the Village of New London for a copy.

Current information on the quality of the treated water supplied by the Village of New London is available in the Consumer Confidence Report (CCR) for the Village of New London Public Water System. The CCR is distributed annually and reports the most current detected contaminants and any associated health risks from data collected during the past five years. Consumer Confidence Reports are available from the Village of New London.



Summary Figure. Drinking Water Source Protection (SWAP) Area for the Village of New London