

# APPENDIX K

## DATA AND INFORMATION CLEARINGHOUSE

### *Introduction*

The Cayuga Lake Watershed Restoration & Protection Plan project, as well as many other organizations and programs throughout the watershed, have acquired and developed data and information for the purposes of characterizing, planning, and implementing in the Cayuga Lake Watershed. The data and information is in digital (computerized) and non-digital (hardcopy only) format and is presently not available or linked in one location. The data and information includes geographic information system (GIS) data used for spatial analysis and mapping purposes throughout the life of the project, monitoring data, program data, and reports.

### *Goal*

To have a central and/or accessible location or all of the past, present, and future data and information or metadata characterizing the Cayuga Lake Watershed.

### *Recommendations*

Have a point person and central location that collects and catalogs information and data or metadata (data about the data and link to the original data) for all information and data pertaining to the Cayuga Lake Watershed including, among other things, the data and information that has been acquired or developed as part of the RPP project. Information and data types include the following:

Reports, publications and studies

Spatial data (geographic information systems and remotely sensed data)

Metadata (data describing data)

Sampling and monitoring data

Agricultural Data including effective Integrated Pest Management (IPM) techniques, and management of nutrients and wastes

Periodicals (news releases, newspaper articles, newsletters)

Educational materials

Grant applications

Bylaws

Minutes and agendas

Tasks include inventorying, acquiring, database and cataloging, and maintaining/updating. Options include the following:

Physical library and database (for hardcopy information, data, and metadata)

Cayuga Lake Watershed Intermunicipal Organization Internet Web Site <<http://www.cayugawatershed.org>>

Interactive CD-ROM (presently funded through the IO and the Cayuga Lake Watershed Network) (see *Web-Linked Interactive CD-ROM* section of this Appendix)

The use of the New York State GIS Data Sharing Cooperative (for spatial digital data) (see *NYS Data Clearinghouse* section of this Appendix)

Priority Waterbodies List (PWL) (see Appendix L)

## WEB-LINKED INTERACTIVE CD-ROM

One of the most important aspects of watershed management is education and public participation. In order to provide useful educational material packaged in an understandable, useful, and motivating format and also to disseminate information and data developed and collected for the Cayuga Lake watershed, the Cayuga Lake Watershed Intermunicipal Organization (IO) and the Cayuga Lake Watershed Network are committed to the development and production of the Cayuga Lake watershed educational program. The development of a Watershed Assessment web-linked Interactive CD-ROM is one of the main tools to accomplish these objectives.

The Watershed Assessment compact disk (CD), is a web-linked educational resource that is interactive and offers a comprehensive information-delivery capability. This capability includes on-line access to recent and real-time watershed information data, as well as on-line GIS-based maps. The main objective of this program is to help the general public, elected officials, students, and highway maintenance staff to make well-informed decisions, consistent with the watershed management plan.

The opening screen of the watershed assessment CD will begin with an introduction to the concepts of watershed-based natural resources management, watershed assessment, indicators and analyzes the impact of urbanization, agriculture, deforestation, and erosion. The case study of Cayuga Lake is presented here as an option for navigating the contents of the CD and associated web site links.

Because the contents of the CD will be compiled, the information, graphics, maps and models run in the host computer, without the need of any extra or special software.

Great effort will be placed on organizing eight workshops to present the contents of this CD and enhance the learning experience of the residents of the Cayuga Lake Watershed. The information to be accessed on-line, from the CD platform, as well as the recent and real-time monitoring data has been carefully matched to the presentation format of the CD. The web content will be

mirrored at more than one server for faster access, and to minimize the potential risk of information losses or the inconvenience of a busy, or “crashed” server. The CD platform also offers a lively session even without access to the web, a faster navigation using a modem connection, than without a CD platform in the user’s computer, and a very rewarding experience with cable connection to the web.

At the end of each workshop, participants will complete a brief survey designed to evaluating their knowledge of watershed management and decision making abilities. Workshop participants will receive a follow-up survey approximately six months later that will attempt to gauge changes in participant behavior as a result of their participation on the present program.

All project partners will convene to discuss the successes and areas of improvement for this educational collaboration. This discussion will also help to improve cooperation for future efforts and implementation of the Cayuga Lake Management Plan.

## APPENDIX N

### MODEL LOCAL LAW

### ON-SITE INDIVIDUAL WASTEWATER TREATMENT LAW

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## ARTICLE 1 INTRODUCTORY PROVISIONS

### *Section 101 Title*

1. This local law shall be known as the “On-Site Individual Wastewater Treatment System Law of the City, Town, Village of \_\_\_\_\_”.

### *Section 102 Applicability*

1. This local law shall govern the treatment of sewage by regulating all on-site individual wastewater treatment systems (hereinafter referred to as a wastewater treatment system).

### *Section 103 Purpose*

1. The purpose of this local law is to promote the health, safety, and general welfare of the community, including the protection and preservation of the property of its inhabitants, by regulating wastewater treatment systems so that human sewage and other wastes are disposed of in a manner that will not create a health hazard, adversely affect the environment, create a nuisance, or impair the enjoyment or use of property.

### *Section 104 Authority*

1. Enactment of this local law is pursuant to *Article 2 of Municipal Home Rule Law*, and *Article 3 of the Public Health Law*.

## ARTICLE 2 DEFINITIONS

### *Section 201 Words and Terms*

1. In addition to the definitions contained in the *New York State Public Health Law and Uniform Fire*

*Prevention and Building Code*, which are incorporated herein by reference, the following words and terms shall be defined as follows:

**ADEQUATELY FUNCTIONING** shall mean a wastewater treatment system inspected pursuant to section 502 of this local law that is determined by the authority having jurisdiction as not posing a public health threat by virtue of above ground seepage, or contamination of surface or ground water. For the purpose of this local law an “adequately functioning” system shall always include a watertight vessel.

**AUTHORITY HAVING JURISDICTION** shall be the Code Enforcement Officer, Health Officer, Watershed Inspector, or other official(s) designated by a local municipality, or other regulatory agency, having the responsibility to enforce the provisions of this local law.

**CHANGE OF USE** shall mean a use of land with an associated building and wastewater treatment system that is modified so as to likely cause an increase in hydraulic loading (e.g. – change from an existing commercial use to residential use; change of an existing residential use to commercial use; change of a commercial use to a different type of commercial use). A change of use shall also include the removal and replacement of a manufactured or mobile home dwelling.

**CONVEYANCE OF REAL PROPERTY** shall mean the transfer of the title of real estate from one to another, in the form of a deed or other legal instrument, filed in the Office of the County Clerk.

**DESIGN PROFESSIONAL** shall mean a person licensed or registered in the State of New York and authorized by *New York State Education Law* to design the systems described in *10NYCRR Appendix 75-A*.

**LOCAL GOVERNING BODY** shall mean the municipal corporation charged with authority to act as the Local Board of Health as defined by *New York State Public Health Law*.

**MINOR ALTERATIONS** shall mean routine maintenance and repairs to the wastewater treatment system, including but not limited to the following: replacement of septic tank covers or baffles, replacement of distribution box covers, replacement of

cracked pipes, pumping of the septic tank, and replacement of mechanical pumps and devices. "Minor alterations" shall not include replacement of a septic tank, distribution box, or any addition, alteration or rearrangement of water distribution or drainage piping. Like examples of "minor alterations" not specifically listed in this definition shall be determined by the authority having jurisdiction.

NEW CONSTRUCTION shall mean any building constructed or placed on an undeveloped site requiring the installation of a wastewater treatment system and currently not utilizing the same.

ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT shall mean a written permit issued by the authority having jurisdiction.

ON-SITE WASTEWATER TREATMENT SYSTEM shall mean a complete system of piping, watertight vessels or other facilities for the on-site collection, transport and treatment of sewage.

SEWAGE shall mean the combination of human and household waste with water which is discharged to the plumbing system, including the waste from a flush toilet, bath, shower, sink, lavatory, dishwashing or laundry machine, or the water-carried waste from any fixture, equipment or machine.

## ARTICLE 3 GENERAL REGULATIONS AND REQUIREMENTS

### *Section 301 Prohibitions*

1. It shall be unlawful to install, construct, alter, replace, enlarge, extend, or otherwise modify any wastewater treatment system unless a wastewater treatment permit is issued by the authority having jurisdiction, except as specifically exempted in section 304 of this local law.
2. It shall be unlawful to change the use of real property, convey real property, or expand a building or dwelling, including its use, by greater than fifty (50) percent, without an inspection of the wastewater treatment system by the authority having jurisdiction, pursuant to sections 501 and 502 of this local law.
3. It shall be unlawful to use or maintain any wastewater treatment system that is not adequately functioning.

4. It shall be unlawful to discharge anything but sewage into a wastewater treatment system. Surface and subsurface water including roof, cellar, foundation and storm drainage shall not be discharged into the wastewater treatment system and shall be disposed of so as to in no way affect the proper functioning of the system.

### *Section 302 Design Standards for Wastewater Treatment Systems – New Systems*

#### 1. Individual Household Systems

(a) Any wastewater treatment system for new individual household construction shall be designed and built according to the requirements of this local law and the requirements, as they may from time to time be amended, of the NYSDOH standards for sewage disposal for individual household systems. Those design requirements are found in *Appendix 75-A of Part 75 of Title 10 of the New York Code of Rules and Regulations (10 NYCRR)*.

#### 2. Intermediate-sized Sewerage Systems

(a) Any wastewater treatment system for new commercial or institutional construction, as well as cluster housing or other multi-home developments, shall be designed and built according to the requirements of this local law and the requirements, as may be from time to time be amended, of the NYSDEC standards for sewage disposal for intermediate-sized sewerage facilities. Those design requirements are found in *NYSDEC manual "Design Standards for Wastewater Treatment Works: Intermediate-sized Sewerage Facilities."*

### *Section 303 Design Standards for Wastewater Treatment Systems – Existing Systems*

#### 1. Individual Household Systems

(a) Any installation, construction, alteration, replacement, enlargement, extension, repair, or other modification of an existing on-site individual household wastewater treatment system shall be designed and built according to the requirements of this local law and the requirements, as they may from time to time be amended, of the NYSDOH standards for sewage disposal for individual household systems. Those design requirements are found in *Appendix 75-A of Part 75 of Title 10 of the New York Code of Rules and Regulations (10 NYCRR)*.

## 2. Intermediate-sized Sewerage Systems

(a) Any installation, construction, alteration, replacement, enlargement, extension, repair, or other modification of an existing intermediate-sized sewerage system, shall be designed and built according to the requirements of this local law and the requirements, as may be from time to time be amended, of the NYSDEC standards for sewage disposal for intermediate-sized sewerage facilities. Those design requirements are found in *NYSDEC manual "Design Standards for Wastewater Treatment Works: Intermediate-sized Sewerage Facilities."*

### **Section 304 Exemptions**

1. Minor alterations to wastewater treatment systems shall not require a wastewater treatment permit provided such repairs are made with like or similar materials so as to replace existing conditions in need of repair, and are done in a safe and sanitary manner.

2. The design standards found in section 303 of this local law shall not apply to existing wastewater treatment systems legally installed, repaired or approved by the authority having jurisdiction, prior to the date of adoption of this local law and after the dates identified in *Paragraphs a and b* identified below, or those systems determined by the authority having jurisdiction to be adequately functioning.

(a) Individual Household Wastewater Treatment Systems legally installed or repaired prior to December 1, 1990.

(b) Intermediate-sized Wastewater Treatment Systems legally installed or repaired prior to January 1, 1988.

### **Section 305 Site Limitations**

1. On sites with topographic, physiographic or other limitations, the authority having jurisdiction shall utilize current technology and design methods to remedy failed or improperly functioning systems, provided that applicable state standards, to the greatest extent possible, are complied with. In considering site limitations, the authority having jurisdiction shall take the following into consideration:

(a) Distance separations to drinking water supplies and watercourses;

(b) The imminent health hazards resulting from a currently failed system;

(c) Existing lot line setbacks and area requirements as related to individual properties; and

(d) The extent to which the limitations are self-created.

### **Section 306 Maintenance and Protection**

1. Wastewater treatment systems shall be maintained in good working order. There shall be no activities or conditions permitted which would interfere with the proper operation of wastewater treatment systems. It is specifically prohibited to construct or place buildings, to install paving, to plant trees or shrubs, to regrade or place fill, to allow crossing by vehicles, to install above ground pools, or to install driveways or parking areas over sanitary disposal fields.

### **Section 307 State or Other Agency Approvals**

1. In addition to approvals required herein, a review and approval by the New York State Department of Health (NYSDOH) or the New York State Department of Environmental Conservation (NYSDEC), if appropriate, shall be required for the following conditions:

(a) Any realty subdivision as defined by *Article 11, Title II of the NYS Public Health Law or Article 17, Title 15 of the NYS Environmental Conservation Law*;

(b) Any alternative system as defined by *Appendix 75-A of Part 75 of Title 10 of the New York Code of Rules and Regulations (10 NYCRR)*;

(c) Any facility required to be permitted by the NYSDOH; and

(d) Any on-site individual wastewater treatment system or other system with effluent in excess of 1,000 gallons per day.

2. In addition to approvals required herein, wastewater treatment systems are subject to review and approval by the Canandaigua Lake Watershed Inspector pursuant to *New York State Public Health Law, Section 132.1 of Part 132 of Title 10 of the New York Code of Rules and Regulations (10 NYCRR)*.

**Section 308 Use of Design Professionals and the Ontario County Soil and Water Conservation District**

1. The authority having jurisdiction shall have the right to require that the property owner retain the services of a design professional to conduct site and soil appraisals (percolation tests and deep holes) and to design and certify that the wastewater treatment system meets the requirements of this local law and the standards of applicable state laws.

2. The local governing body shall have the right to contract with the County Soil and Water Conservation District through its *Uniform Inspection Procedures Program* for site and soil appraisals and inspections performed pursuant to section 501 of this local law.

3. Wastewater treatment systems that are defined as an alternative system pursuant to *10 NYCRR Appendix 75-A* shall be certified by a design professional.

**Section 309 Access**

1. The authority having jurisdiction shall be permitted by the property owner to make a physical inspection of the lands and premises for which a wastewater treatment system permit or inspection has been requested, in order to determine that all of the requirements of this local law have been complied with.

2. The authority having jurisdiction, upon complaint or show of cause, shall be permitted by the property owner to make a physical inspection of the lands and premises for which a wastewater treatment system is believed to be a cause or potential cause of pollution, or health hazard.

**ARTICLE 4  
REQUIREMENTS FOR  
NEW WASTEWATER  
TREATMENT SYSTEMS**

**Section 401 Application Material**

1. Applications for wastewater treatment system permits shall be by the property owner or a duly authorized agent, accompanied by the appropriate fee, to the authority having jurisdiction, which shall include the following information:

(a) The name, address and telephone number of the applicant;

(b) Specific location of the property on which the wastewater treatment system is located or proposed, including the tax map number for said property;

(c) A sketch plan on a tape location map or survey map of the premises on which the wastewater treatment system is located or proposed, showing the location of wells, springs and other sources of water supply, and the location of all watercourses on the premises;

(d) Evidence to demonstrate that there is no public sewer available into which the sewage can be discharged or that it is impractical to discharge sewage into a community sewerage system;

(e) Documentation of substantiating data relating to site conditions, percolation tests, deep hole data, and topography of land; and

(f) The authority having jurisdiction may conduct such investigations, examinations, tests and site evaluations as it deems necessary to verify information contained in the application.

**Section 402 Administrative Review**

1. The authority having jurisdiction shall not issue a wastewater treatment system permit unless:

(a) All pertinent site data has been submitted, verified and certified as required by this local law; all permit fees have been paid and that the wastewater treatment system complies with all specifications of state and local laws.

2. The authority having jurisdiction may disapprove an application if it is determined that any of the following requirements have not been met:

(a) That the wastewater treatment system, as proposed, will not conform to the requirements of state and local laws;

(b) That the applicant has failed to supply all the data necessary to make a determination as to whether or not such wastewater treatment system conforms to state and local laws; and

(c) The applicant has failed to pay all necessary fees.

3. When the authority having jurisdiction shall deny the application for a wastewater treatment permit, within

seven (7) working days after taking such action, the authority having jurisdiction shall furnish the applicant with a written notice of denial setting forth in detail the reason for such action.

4. No Certificate of Occupancy shall be issued and no persons shall occupy any building unless the wastewater treatment system has been approved in accordance with the provisions of this local law.

### **Section 403 Inspection Certifications**

1. Installation of the wastewater treatment system shall be under the direct supervision of the authority having jurisdiction.

2. The applicant shall be prohibited from covering any component of the system without proper authorization. Any change of construction approved by the authority having jurisdiction shall be noted on the original drawings before the system is back filled. As built plans shall be provided to the authority having jurisdiction.

3. The authority having jurisdiction may, by written notice, order all work stopped on any wastewater treatment system, which is in violation of this local law.

### **Section 404 Fees**

1. The fees for any permit or inspection performed pursuant to this local law shall be determined from time to time by the local governing body.

## **ARTICLE 5 REQUIREMENTS FOR EXISTING WASTEWATER TREATMENT SYSTEMS**

### **Section 501 Circumstances Requiring Inspection of Existing Systems**

1. The authority having jurisdiction shall conduct an on-site inspection of an existing wastewater treatment system as follows:

(a) Prior to a change of use - The owner of the property shall arrange for a wastewater treatment system inspection before any change of use is undertaken. The authority having jurisdiction shall determine whether the change represents an increased hydraulic loading to the system. In instances where a site plan approval, special use permit, or variance is required the authority having

jurisdiction shall incorporate the wastewater treatment system inspection report into the review process of the appropriate Planning Board, Zoning Board of Appeals, or Board of Appeals;

(b) Prior to a conveyance of real property - The owner of the property shall arrange for a wastewater treatment system inspection prior to the conveyance of real property. In addition, property owners may request a wastewater treatment inspection for real estate transactions or other certifications to lending institutions, purchase offer conditions of buyers of real property, or other requests, or investigations; and

(c) Expansion greater than fifty (50) percent - The owner of the property shall arrange for a wastewater treatment system inspection as an integral part of the building permit application process. The authority having jurisdiction shall determine whether expansion of the building or dwelling, including its use, represents an increased hydraulic loading to the system. For the purpose of this local law an existing wastewater treatment system shall be defined as an accessory structure and as such subject to regulation pursuant to *Part 1230 of Subchapter E, Conversions, Alterations, Additions and Repairs to Existing Buildings of the New York State Uniform Fire Prevention and Building Code.*

### **Section 502 Inspection Procedure**

1. All existing on-site wastewater treatment systems requiring an inspection pursuant to this local law shall be performed by the authority having jurisdiction in accordance with the specifications established as follows:

(a) The septic tank, inspection ports, distribution boxes, or other distribution devices shall be uncovered and accessible to the inspector. In the event any component of the system cannot be reasonably located, the inspector shall so note on the inspection report;

(b) Sanitary disposal fields shall be staked out or otherwise identified by general area of location;

(c) At the discretion of the authority having jurisdiction, the septic tank shall be pumped at the expense of the property owner, in order to ensure that the tank is not leaking, and that the inlet and outlet baffles are in place and properly functioning;

(d) At the discretion of the authority having jurisdiction, drop and distribution boxes shall be checked for blockages and function;

(e) The authority having jurisdiction shall visually inspect buildings on the property noting the number of bedrooms, the layout and location of all water-using fixtures and plumbing, including but not limited to faucets, sinks, toilets, drains, overflows, laundry equipment, floor drains, sump pumps, water softeners, and related systems that may impose an improper or potential adverse hydraulic loading on the disposal field;

(f) Verify connection of all drains to an appropriate disposal system;

(g) All outside areas, to include nearby lawns, slopes, hillsides, ditches and watercourses, swales, and the shoreline of ponds, lakes and wetlands shall be observed for above ground seepage and to note the quantity and general quality of surface water where it occurs;

(h) Conduct dye testing, and other methods as may be necessary to determine system function.

### ***Section 503 Report of Findings***

1. Upon completion of the inspection, the authority having jurisdiction shall document all procedures and furnish the owner with a report of findings.

2. The report of findings shall contain, at a minimum, the location, address, name of owner, representative present, dates of testing/inspection, procedures used, observations and sketches showing fixture, drain and system layout to adequately document the wastewater treatment system inspection.

## **ARTICLE 6 COMPLIANCE AND REPORTING**

### ***Section 601 Deficiencies and Corrections***

1. Upon discovery of a wastewater treatment system which is not adequately functioning or determined to have been illegally installed, the authority having jurisdiction, shall immediately notify the property owner in writing of the failure or unacceptable condition. It shall be the responsibility of the property owner to forward notice of such report to other involved or interested parties. As part of the report, the authority having juris-

diction shall determine a course of corrective action and establish a reasonable time frame for completion of necessary remedies.

2. Upon receipt of such notice the property owner shall be given thirty (30) days to obtain a wastewater treatment permit.

3. Remedy of a wastewater treatment system, which is not adequately functioning or determined to have been illegally installed, shall require the property owner to submit an application for a wastewater treatment permit in accordance with section 401 of this local law.

## **ARTICLE 7 COMPLAINTS**

### ***Section 701 Notification***

1. Complaints shall be made to the authority having jurisdiction with supporting information that a wastewater treatment system may be deficient (i.e. - observed failure to ground water, surface water, or aboveground seepage, odor, or otherwise creating a public nuisance).

2. Upon receipt of a bonafide complaint or upon personal observation of said wastewater treatment system, the authority having jurisdiction shall notify the property owner and the inhabitants of said property in writing, within seven (7) business days of receipt of the complaint or personal observation, that an inspection pursuant to section 502 of this local law is required. A copy of such notice shall be sent to the Clerk of the local governing body.

## **ARTICLE 8 ADMINISTRATIVE RELIEF**

### ***Section 801 Appeals***

1. Appeals of any actions, omissions, decisions or rulings of the authority having jurisdiction shall be made to the Clerk of the local governing body and must be instituted within (30) days of the act, omission, decision, or ruling from which relief is sought.

2. Within thirty (30) days of receipt of a written appeal of an action, omission, decision, or ruling of the authority having jurisdiction the local governing body, convening as the Local Board of Health, shall give notice of a public hearing to be held on the appeal.

3. Within thirty (30) days of final adjournment of a

public hearing, the local governing body shall affirm, modify or deny the action, decision or ruling of the authority having jurisdiction or correct any omission, approve, or approve with conditions or disapprove the appeal.

4. The decision of the local governing body shall be in writing and shall contain findings and the factual basis for each finding from the record of the hearing, which shall support the decision of the local governing body. The local governing body's discretion in considering an appeal under this local law shall not extend to granting variances from this local law but shall rather be limited to reviewing the authority having jurisdiction's interpretation or applications of the terms hereof. Variances from the substantive requirements (e.g. septic tank sizes, setback distances, etc.) remain under the jurisdiction of the NYSDOH and the NYSDEC.

## ARTICLE 9 ENFORCEMENT

### *Section 901 Violation*

1. In any instance where a wastewater treatment system is located, installed, constructed, altered, enlarged, or extended in violation of this local law, or in any instance where this local law is otherwise violated, the local governing body may maintain an action or proceeding in the name of the municipality in a court of competent jurisdiction to compel compliance with the terms of this local law or to restrain by injunction, the violation of this local law.

### *Section 902 Alternative Remedies*

1. Any violation or threatened violation of any of the provisions of this local law, in addition to other remedies herein provided, the local governing body may institute any appropriate action or proceeding to prevent unlawful construction, alteration, repair, or reconstruction, to restrain, correct or abate such violation to prevent the use of the wastewater treatment system or to prevent any illegal act, conduct, business or use regarding such wastewater treatment system.

### *Section 903 Misrepresentation*

1. Any permit or approval granted under this local law which is based upon or is granted in reliance upon any material misrepresentation, or upon failure to make material fact or circumstances known, by or on behalf of an applicant, shall be void.

### *Section 904 Penalties*

1. Any person who violates any provision of this local law shall be subject to a fine not to exceed the sum of \$250 or by imprisonment of not more than seven (7) days, or both. Each week such violation continues after notification to the person in violation shall constitute a separate violation. Such violation notice shall be served by certified mail, return receipt requested, or by personal service.

## ARTICLE 10 MISCELLANEOUS PROVISIONS

### *Section 1001 Conflict of Law*

1. In any case where a provision of this local law is found to be in conflict with a provision of any ordinance or local law, or with a provision of any statute, rule, regulation, or order of the State of New York, the provision which established the higher standard for the promotion of the health, welfare and safety of the citizens of the municipality shall prevail. In any case where a provision of this local law is found to be in conflict with a provision of any other ordinance or local law existing on the effective date of this local law, which established a lower standard for the promotion of the health, welfare and safety of the citizens of the municipality, the provisions of this local law shall be deemed to prevail.

### *Section 1002 Severability*

1. The provisions of this local law shall be several, and if any clause, sentence, paragraph, subdivision, section, or part of this local law shall be judged by competent jurisdiction as being invalid, such judgement shall not affect, impair, or invalidate the remainder thereof, but shall be confined to the part thereof directly involved in the controversy in which such judgement shall have been rendered.

### *Section 1003 Savings Clause*

1. The adoption of this local law shall not affect or impair any act done, offense committed or right accrued or acquired or liability, penalty, forfeiture or punishment incurred prior to the time this local law takes effect.

### *Section 1004 Effective Date*

1. This local law shall take effect immediately upon filing with the New York State Secretary of State pursuant to *Article 3 of Municipal Home Rule Law*

Source: Ontario County Planning Department

## SEPTIC SYSTEM ASSESSMENT

### *Your Risk*

- low       medium       high

### *Depth to Water Table*

- Over 20ft     10-20ft     Less than 10ft  
 low       medium       high

### *Septic System Capacity*

- Tank is designed to handle more wastewater than required, based on the size of the home.
- Capacity just meets load requirements, but I watch out for factors indicating system overload.
- The capacity of the system is not known. Rooms, or water-using appliances are added without reexamining the capacity of the system.
- low       medium       high

### *Separation Distance*

- Leachfield is at least 100 feet from any well or surface water.
- Leachfield is between 50 and 100 feet from a well or surface water.
- Leachfield is less than 50 feet from a well or surface water.
- low       medium       high

### *Maps and Records*

- I keep a map and good records of repairs and maintenance.
- The location of my tank and date of last pumping are known but not recorded.
- The location of my system is unknown. I do not keep a record of pumping and repairs.
- low       medium       high

### *Tank Pumping (including holding tanks)*

- The septic tank is a pumped every 3-5 years. The holding tank is pumped as needed.
- The septic tank is pumped, but not regularly.
- The septic tank is not pumped. The holding tank overflows or leaks between pumpings.
- low       medium       high

### *Source: Home\*A\*Syst*

Use **Home\*A\*Syst Program** (for more information see <http://www.uwex.edu/homeasyst/>) as a model for education and assessment of on-site systems. This includes the following:

Develop funding source (see Appendix N - On-Site Wastewater Systems Funding)

Acquire workbook, education materials, and homeowner survey material (for more information see <http://www.uwex.edu/homeasyst/>).

Use of interns for personal resident surveys (especially lakeshore) and book distribution

Have homeowners use Self Assessment (see Appendix N - Septic System Assessment)

Use Home\*A\*Syst Guide Chapter - Household Wastewater: Septic Systems and Other Treatment Methods - with assistance in developing homeowner on-site wastewater education.

Run regular education workshops on Household Wastewater Systems

CAYUGA COUNTY HEALTH & HUMAN SERVICES  
ENVIRONMENTAL DIVISION

*Elane Daly R.N., B.S.N., Director*  
*Eileen A. O'Connor P.E., Director of Environmental Health*

Inspection Type \_\_\_\_\_  
Routine \_\_\_\_\_  
Property Transfer \_\_\_\_\_  
Refinance \_\_\_\_\_

**Sewage Disposal System Site Assessment  
Inspection Document**

As part of its QUALITY CONTROL service the Environmental Division of the Cayuga County Health & Human Services Department may revisit the site for verification of statements.

**I. GENERAL INFORMATION**

**A. Property and System Information**

1. Tax Map #: \_\_\_\_\_  
Town/ Village: \_\_\_\_\_
2. Owner: \_\_\_\_\_
3. Property exact location: \_\_\_\_\_
4. Owner's 911 Mailing Address: \_\_\_\_\_

Zip Code: \_\_\_\_\_

5. Telephone:  
Home: \_\_\_\_\_  
Work: \_\_\_\_\_  
Property: \_\_\_\_\_
6. Prior Owner: \_\_\_\_\_

7. Select one that best describes location of sewage disposal system:

- Borders MHW of Owasco Lake or Little Sodus Bay.
- Does not border Lake or Bay but is within 500 ft. of MHW of Lake or Bay.
- System located in Owasco Lake or Little Sodus Bay Watershed.
- None of the above mentioned.

8. Property Use:

- Residence
- Multiple Residence
- Vacant
- Commercial: Type \_\_\_\_\_
- Other - describe: \_\_\_\_\_

9. Does the Health Department have a construction or modification plan of the system on record?

- yes     no

10. SPEDES permit?  yes  no  
Date SPEDES permit expires \_\_\_\_\_

**B. System Information (Mark All That Apply)**

11. Type of Wastewater System:

- Septic Tank with Absorption Trenches
- Septic Tank with Absorption Bed
- Septic Tank with Seepage Pit (dry well)
- Septic Tank with Sand Filter (effluent discharge to surface  yes  no)
- Aerobic Septic Tank with Absorption Field
- Seepage Pit (dry well) without Septic Tank
- Holding Tank
- Privy
- Commercial System
- Unknown

12. Septic/Holding tank size \_\_\_\_\_ (gallons)  
Date last pumped \_\_\_\_\_  
By whom \_\_\_\_\_

13. Absorption Field:

Number of laterals \_\_\_\_\_  
Length of each lateral \_\_\_\_\_  
Total lateral length \_\_\_\_\_  
Overall bed dimensions \_\_\_\_\_

14. Dry Wells/Seepage pits: Number \_\_\_\_\_  
Size of each \_\_\_\_\_

15. Pump  yes  no;  
Dosing siphon  yes  no  
Is pump or dosing siphon equipped with an alarm?  yes  no  
Storage Capacity per pump cycle \_\_\_\_\_ (gallons)

**II. OWNER INTERVIEW**

A. History (Show Certification I.D. card to owner and inform owner that signature will be required)

16. Date of system construction: \_\_\_\_\_  
Year house was built: \_\_\_\_\_
17. Date of any modifications to system: \_\_\_\_\_
18. Is the property used seasonally?  yes  no
19. Is the property currently occupied?  yes  no
20. How long has the property been currently occupied? \_\_\_\_\_ (days/months/years)
21. Describe periods of maximum occupancy:  
\_\_\_\_\_

22. Average number of persons using the property  
\_\_\_\_\_

23. Number of:
- a. Bedrooms (total # for multiple homes) \_\_\_\_\_  
Bathrooms \_\_\_\_\_ Hot Tubs \_\_\_\_\_
  - b. Toilets \_\_\_\_\_ Type:  Old Standard  
 New Standard  Water Saving  Other
  - c. Sinks \_\_\_\_\_ Faucet Type:  
 Old Standard  Water Saving  Other
  - d. Showers/Tubs \_\_\_\_\_ Faucet Type:  
 Old Standard  Water Saving  Other
  - e. Dishwashers \_\_\_\_\_ Garbage Disposal \_\_\_\_\_  
Washing Machines \_\_\_\_\_
  - f. Water Softener/Treatment Equipment  
 yes  no  
Backwash Discharges into Septic System  
 yes  no
24. Has the septic system had any problems?
- a. Odors  yes  no
  - b. Slow draining plumbing  yes  no
  - c. Backing up of sewage into house  yes  no
  - d. Surfacing of sewage  yes  no
  - e. Other, such as seasonal  yes  no
  - f. Describe any problems: \_\_\_\_\_
25. If system has an Aerobic Tank, when was tank last serviced \_\_\_\_\_ (date)  
\_\_\_\_\_ (by whom)  not applicable
26. Is holding tank equipped with alarm or other device to detect leakage or overflow?  
 yes  no  not applicable
27. Does homeowner maintain log of holding tank or septic tank pump-out?  yes  no
28. Was log of holding tank or septic tank pump outs reviewed by inspector?  
 yes  no  not applicable
29. If system has holding tank, what is frequency of pumping (eg. weekly, monthly, etc.)?  
\_\_\_\_\_  not applicable
30. Are there any separate disposal systems (seepage pits/drywells) for the kitchen, second bath, laundry, etc.?  yes  no;  
If yes, describe these drains and their location:  
\_\_\_\_\_  
\_\_\_\_\_
31. Are there any drainage pipes or storm drains on the property?  yes  no;  
Are they private?  yes  no
32. What is your water supply;  
 Public  Lake  Well  Creek  
 Other \_\_\_\_\_
- Is the quantity of flow adequate?  yes  no

### B. Owner Verification of Interview

Notice: In a written statement filed with the County, any person who knowingly makes a false statement which such person does not believe to be true has committed a crime under the laws of the State of New York punishable as a Class A Misdemeanor (PL Sec. 210.45).

I certify that to the best of my knowledge the information I have provided in this interview is correct.

Signature of Owner/Agent: \_\_\_\_\_

Date: \_\_\_\_\_

(must be an adult)

Agents title \_\_\_\_\_

### III. SITE INSPECTION

#### A. Date and Review of System Plans

33. Date of Inspection: \_\_\_\_\_

(If a three day test, enter all dates)

34. Did Inspector review construction or modification plans of system on file with the Health Department?  
 yes  no

#### B. Interior Plumbing

35. Does all wastewater discharge to the septic system?  
 yes  no

#### C. Sewage Disposal System

Provide comments and system/site sketch as described in the procedures guide. Use the designated "SYSTEM/SITE COMMENT AND SKETCH SHEET" attached to this form.

#### D. General Information (enter the following information based on the inspection)

36. Evidence of system problems:

- a. Odors  yes  no
- b. Saturated soils  yes  no
- c. Lush vegetation  yes  no
- d. Changes in vegetation  yes  no
- e. Other  yes  no

Describe: \_\_\_\_\_

37. Were all drainage pipes inspected for dye?  
 N/A  yes  no

38. Evidence of wastewater discharge to water course or ground surface:  
 yes  no

Describe: \_\_\_\_\_

39. Evidence of storm water ponding on system:  yes  no  
Describe: \_\_\_\_\_
40. Evidence of storm water discharge to system:  yes  no  
Describe: \_\_\_\_\_
41. Evidence of rock outcroppings:  yes  no  
Describe: \_\_\_\_\_
42. Shortest distance from absorption area to (in feet):  
a. Lake or Bay (MHWM), stream, spring, pond, etc.  
\_\_\_\_\_  
b. Nearest Property Line \_\_\_\_\_  
c. Nearest Well-including those on adjacent property \_\_\_\_\_  
d. Nearest Dwelling \_\_\_\_\_  
e. Elevation of Lake or Bay (i.e. Owasco Lake, Little Sodus Bay, Cross Lake, etc.) at the day of inspection \_\_\_\_\_ (feet)  
f. Other pertinent features \_\_\_\_\_
43. If the system has a pump:  not applicable  
a. Does the pump appear to operate properly?  yes  no  
b. Does the pump basin have any visible overflows?  yes  no
- E. Dye Testing (inform owner regarding the quantity of water to be used)
44. Which fixtures were turned on:  
a. toilet  yes  no  
b. bathtub/shower  yes  no  
c. bathroom sink  yes  no  
d. kitchen sink  yes  no  
e. washing machine/utility sink  yes  no
45. Where was the dye introduced:  
a. toilet  yes  no  
b. bathtub/shower  yes  no  
c. bathroom sink  yes  no  
d. kitchen sink  yes  no  
e. washing machine/utility sink  yes  no
46. Volume of water entered into system (Calculations)  
Calculate flow rate (e.g. gallons per minute), the time dye introduced and the fixtures turned on, and the time fixtures turned off.  
a. Routine Inspection: 20 gal/bedroom  
flow rate \_\_\_\_\_ start time \_\_\_\_\_  
stop time \_\_\_\_\_ total time \_\_\_\_\_  
total volume \_\_\_\_\_ (gals)

- b. Property Transfer or Refinance Inspection (dwelling occupied for at least 15 consecutive days prior to test):  
75 gal/bedroom; 150 gallons Minimum; (Requires Septic Tank Pump-Out Report)  
flow rate \_\_\_\_\_ start time \_\_\_\_\_  
stop time \_\_\_\_\_ total time \_\_\_\_\_  
total volume \_\_\_\_\_ (gals)
- c. Property Transfer or Refinance Inspection (dwelling unoccupied):  
150 gal/bedroom x 3 days; (Requires Septic Tank Pump-Out Report)  
Day 1: flow rate \_\_\_\_\_ start time \_\_\_\_\_  
stop time \_\_\_\_\_ total time \_\_\_\_\_  
volume \_\_\_\_\_ (gals)  
Day 2: flow rate \_\_\_\_\_ start time \_\_\_\_\_  
stop time \_\_\_\_\_ total time \_\_\_\_\_  
volume \_\_\_\_\_ (gals)  
Day 3: flow rate \_\_\_\_\_ start time \_\_\_\_\_  
stop time \_\_\_\_\_ total time \_\_\_\_\_  
volume \_\_\_\_\_ (gals)
47. Evidence of dye:  yes  no  
Describe location: \_\_\_\_\_
48. Date of re-visit: \_\_\_\_\_  
(remember you must re-visit if a holding tank)
49. Evidence of dye:  yes  no  
Describe location: \_\_\_\_\_
50. Does system pass inspection?  yes  no
- F. Drainage Pipe Discharge Testing  not applicable  
For properties bordering the mean high water mark of Owasco Lake or Little Sodus Bay ONLY Note: Use additional sheets if more than one drainage pipe.
51. Describe location, diameter, length of private drainage pipe(s) sampled: \_\_\_\_\_  
\_\_\_\_\_ (also indicate on sketch)
52. Name of laboratory testing sample: \_\_\_\_\_
53. Results of fecal coliform test:  
\_\_\_\_\_  
Date and time of sampling: \_\_\_\_\_  
\_\_\_\_\_  
(attach Chain of Custody and Report from Lab)
54. Results of second fecal coliform test(s):  
\_\_\_\_\_  
Date and time of sampling: \_\_\_\_\_  
\_\_\_\_\_  
(attach Chain of Custody and Report from Lab)

IV. INSPECTOR INFORMATION

\_\_\_\_\_TOWN

TAXMAP # \_\_\_\_\_

A. General Comments and /or Problems:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Differences Between Information From Owner Interview, Health Department Records, And From Site Inspection.

Findings \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. Inspector's Verification of Inspection

Notice: In a written statement filed with the County, any person who knowingly makes a false statement which such person does not believe to be true has committed a crime under the laws of The State of New York punishable as a Class A Misdemeanor (PL Sec. 210.45).

CERTIFICATION STATEMENT

I certify that I have personally inspected the sewage disposal system at this address and that the information reported below is true, and accurate and completed as of the time of inspection. The inspection was based on my training and experience in the proper function and maintenance of on-site sewage disposal systems.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
*(please sign)*

Inspector: \_\_\_\_\_

Certification No: \_\_\_\_\_  
*(please print)*

Disclaimer of Assessment: Neither the Inspector nor the County warranty operation of the sewage disposal system described in this assessment.

This report must be submitted to the Cayuga County Health Department within 30 business days of the site assessment. The inspector is required to notify the Cayuga County Health Department of a failed system within one business day of the site assessment inspection.

# APPENDIX O

## *Household Hazardous Waste Educational Materials*

Available by accessing the *Cayuga Lake Watershed Restoration & Protection Plan* on-line at <http://www.gflrpc.org/cayhhwedmaterials.htm> (Adobe Reader is required to print and view .pdf files)

Automotive Product Disposal

Cleaning & Maintenance Product Disposal

Household Hazardous Waste Disposal & Alternative Chart

Managing & Disposing of Household Hazardous Waste

Paint Disposal

Pesticide Disposal

Solvent Disposal