

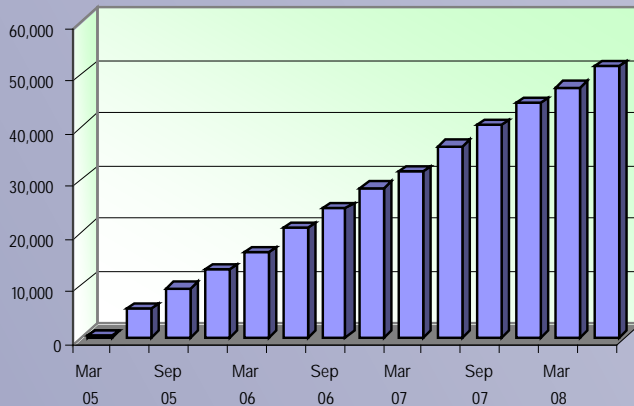
DATABASE GROWTH

Since the Septage Management Data System was launched, it has grown by leaps and bounds.

The graph below illustrates the participation of the Liquid Waste Haulers as they enter their data into the database.

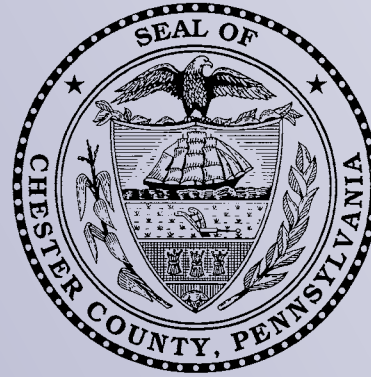
The system is a valuable, low-cost tool for municipalities to use in managing on-lot sewage disposal systems.

3 Year Growth in Database Records



How do municipalities sign up?

To purchase a PA DEP reimbursable subscription contact CCHD at 610-344-6526 or e-mail septage@chesco.org



Chester County Health Department



Septage Management Data System

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Visit us on the web at
www.chesco.org/health

"Protecting You and Your Environment"

THE STORY BEHIND THE SYSTEM

The screenshot shows a web application titled "Chester County Septage Management" with a "PROPERTY INFO" section. It includes input fields for UPI, Owner's Name, Status, St Num, St Dir, St Name, St Type, Muni Code, Muni Name, and Subdiv Name. There are buttons for "RUN QUERY", "PROPERTY REPORT", "ENTER PROPERTY DATA", "CLEAR", "MAIL FPM REPORT", and "EXIT". A "Contact Us: TECHNICAL SUPPORT" link is at the bottom left.

The Pennsylvania Sewage Facilities Act (Act 537) requires all municipalities to develop and maintain an up-to-date official sewage facilities plan to protect public health from diseases, provide for long-term sewage treatment within its borders, and protect the quality of the state's lakes, streams, and groundwater.

As part of an official plan update, the municipalities are required to develop a sewage management program. Such a program would enable a municipality to oversee the operation and maintenance of on-lot sewage systems and reduce the occurrence of sewage disposal system malfunctions caused by homeowner neglect. Malfunctioning on-lot sewage disposal systems can endanger public health by contaminating drinking water supplies, degrading the environment when discharging to the ground surface, and reducing property and community value.

THE SEPTAGE MANAGEMENT DATABASE

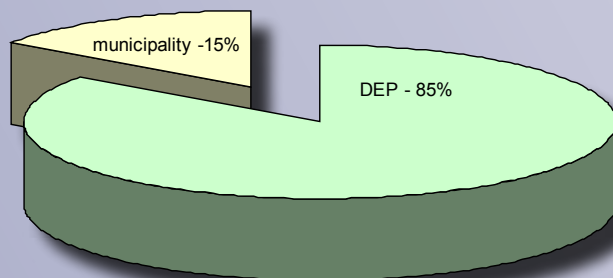
In April 2005, the Health Department implemented a database for the collection of septic tank pumping records. The database warehouses all of the locations, pumping dates, and volumes of sewage that a Liquid Waste Hauler has pumped at individual properties since 2005. Chester County requires all Liquid Waste Haulers to enter their pumping records into the county database.

HOW DO MUNICIPALITIES BENEFIT?

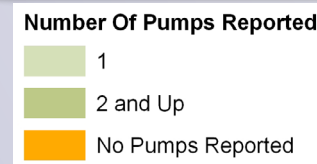
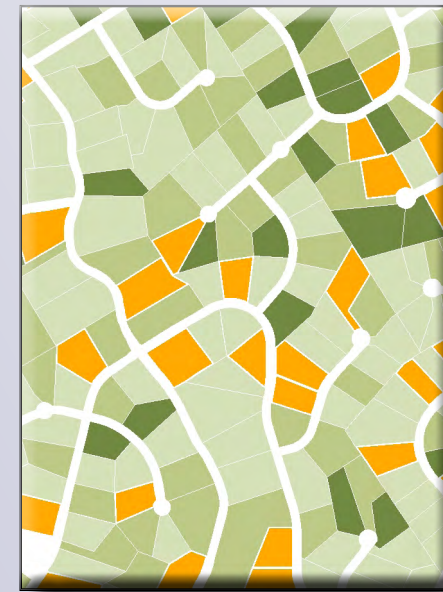
Subscriptions to the Septage Management Database are 85%* PA DEP-reimbursable. With a subscription, municipalities can track the amount and frequency of septic tanks being pumped each year. The database can provide information that will allow municipalities to identify areas that need attention. Depending on the technologies available in a given municipality, maps and spreadsheets can be created with the information in the database.

**with a PA DEP-Approved plan*

Annual Cost



Septage management data can be used in Geographic Information Systems (GIS) to gain a unique perspective on reported pump activity. (See sample map below.)



PRODUCTS AVAILABLE

- Excel Spreadsheet
- DBF file
- GIS Layer
- Printed Map
- PDF Map