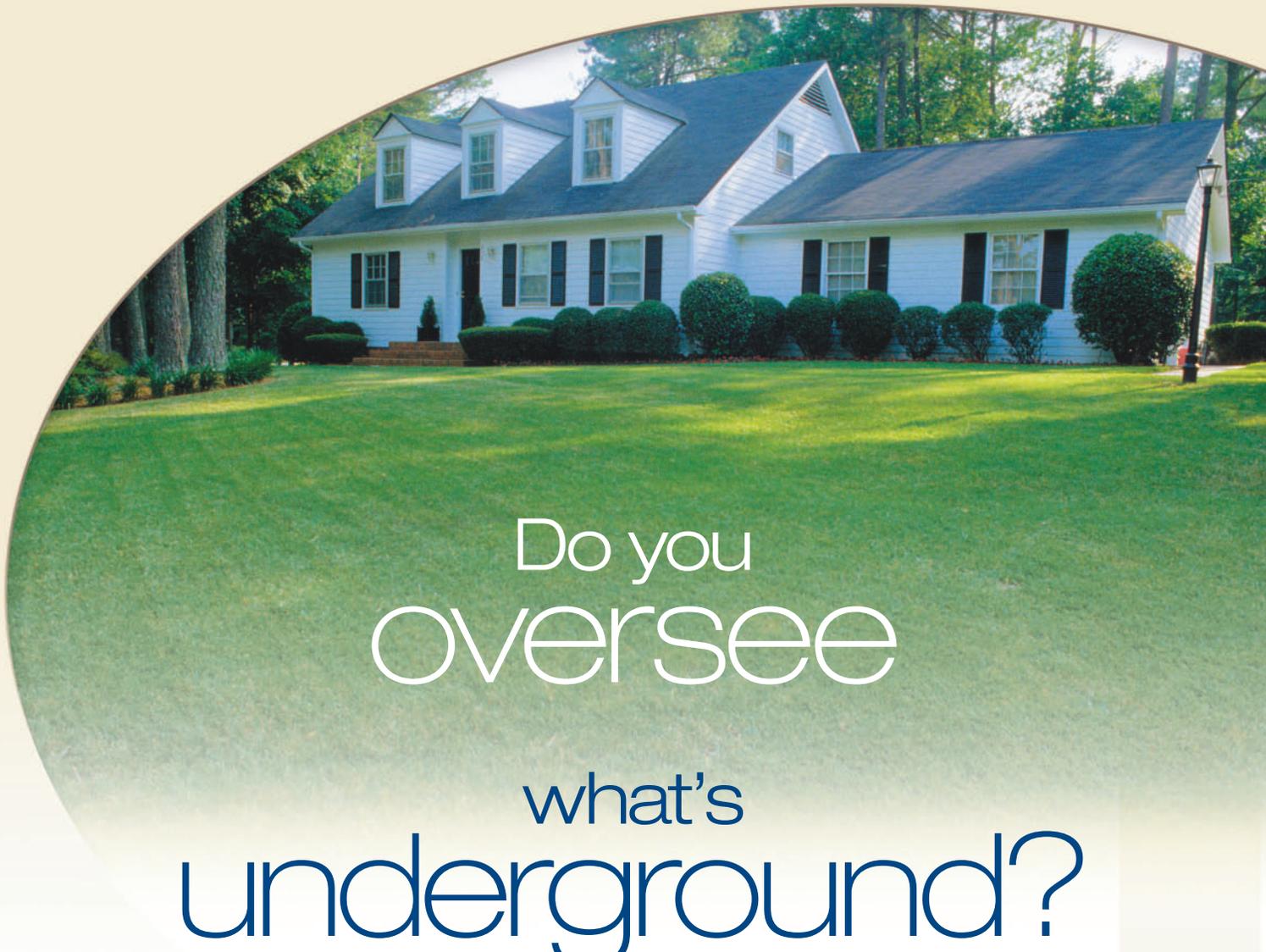


VeriComm[®] Monitoring System



Do you
oversee

what's
underground?

Remote monitoring and control
for decentralized wastewater
treatment systems



Oreco Systems[®]
Incorporated

*Changing the Way the
World Does Wastewater[®]*

800-348-9843
oreco.com
vericomm.net

VeriComm® “Smart” Telemetry Control Panels

Are you responsible for designing, developing, managing, operating, or regulating a decentralized wastewater treatment system?

If so . . .



In addition to operating like other panels, the VeriComm Control Panel has four very “smart” functions: alarm management, data collection, troubleshooting, and advanced control logic (which recognizes float problems and makes self-corrections, based on historical trends).

- ✓ you need to know the system is operating
- ✓ you need to know that maintenance is being performed — and performed efficiently
- ✓ you need to know you can audit system performance and system reports
- ✓ you need to know the system is invisible (thus acceptable) to property owners

VeriComm® Verifies and Communicates System Operation

Like you, our company stakes its reputation on the performance of onsite wastewater collection and treatment systems. That’s why we developed our VeriComm® Telemetry Control Panels and VeriComm Monitoring System. VeriComm verifies and communicates system operation, remotely — 24 hours a day, 7 days a week.

System Data is Secure but Accessible

The decentralized wastewater treatment industry has many stakeholders. We developed VeriComm as a secure, Web-based monitoring system, so the data it collects is password-accessible. Operating data, alarm histories, site notes, and system reports are permanently available in a robust SQL database, viewable and printable from a user-friendly Web page.



We’re managing the first STEP system of its kind in Virginia — a 200-home development called “The Village at Tom’s Creek” — and it gives me confidence knowing we have the VeriComm system here. We love the fact that, when there’s an alarm, VeriComm gives a diagnosis code that tells you ‘this is what we think is wrong.’ And the remote control is fantastic. No middle-of-the-night service calls. VeriComm is pretty cool!

— Kelly Mattingly, Director of Public Works, Blacksburg, Virginia

“VeriComm is pretty cool!”

VeriComm® Web-Based Monitoring System

VeriComm Saves Time and Money in O & M

VeriComm Control Panels, coupled with the VeriComm Monitoring System, save money on system operation and maintenance by . . .

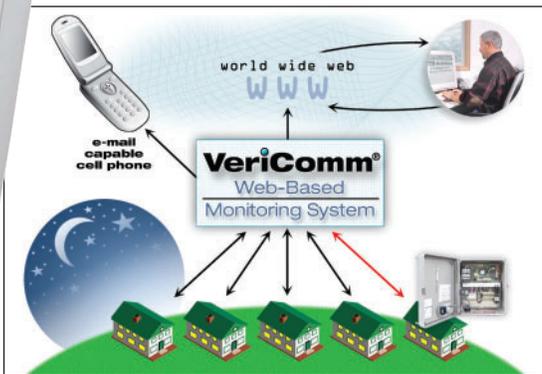
- notifying operators of alarms or alerts automatically
- diagnosing problems and making recommendations for action
- allowing operators to change many system settings remotely
- making self-adjustments via “artificial intelligence,” based on trend data
- resolving problems before they become serious

With VeriComm, operators can make many system adjustments via the Web, so they'll make fewer service calls. And, when they have to go out on a site visit, they'll know just what equipment to bring.

VeriComm Diagnoses the Following:

- High and low liquid levels
- Stuck float switches
- Pump failure
- Pump lockout from brownout
- Clogged filter
- Leaking tank
- Failed contactor
- Chattering contactor
- Excessive pump cycles/run time (a symptom of excess water use)

In addition to detecting and diagnosing, VeriComm also makes recommendations for action.



VeriComm Telemetry with Monitoring Works Quietly, Invisibly

With VeriComm, “virtual O & M” is practically invisible to the property owner or resident. Here's how it works:

A telemetry-enabled VeriComm Control Panel is installed on a site. The panel calls the VeriComm Monitoring System, toll-free, to communicate operating data in the middle of the night . . . typically once a month. No dedicated phone line required.

If there is an Alarm or Alert condition, the panel calls in immediately, 24/7. A message is sent to the designated operator's e-mail-capable device (phone, pager, computer, personal digital assistant). Messages are re-sent, regularly, until the condition has been cleared.

All operating data is stored in the Monitoring System's database, where it is accessible via easy-to-read pages on our password-protected Web site.

VeriComm monitoring system web-based monitoring system

Alarm Management System Management Help Log Off

Edit Site Move Site Clear Alarms Sites Notes Tools

Site Details Faulkner County

This page provides detailed information and the complete call history for this Site.

Site Information		Panel Type: AXB1	
Site ID:	RT1UD19029		
Site Type:	Adaptix		
Contact Name:	Jae Vaughan		
Address:	301 Ball Rd Ungare, AR 71971 United States of America		
County:	Howard		
Primary Phone:	714-123-1234		
Secondary Phone:	714-123-2555		

Geographical Data

Permit:	1249-789
Map ID:	15N12S
Block No.:	13
Lot No.:	5
TRIS Date:	12-3-3
GIS Date:	426-1234422
Latitude:	34.2863
Longitude:	-94.1186

System Parameters

Alarm Profile:	System Default	View
Direct Paging:	Not Enabled	
Call-In Schedule:	6 th of every month at 7:00 AM (CT)	
Daylight Savings:	Yes	
Time Zone:	Central Time	
Rel. Pump GPM:	18	
On Pump GPM:	9	
Site Created:	Jan 27, 2003	
Site Updated:	Feb 27, 2003	

Site Summary

Months No. Data	Months No. Data	Total	Total	Active	Scheduled	Completed
Alarms	Alerts/Updates	Alarms	Alerts/Updates	Alarms	Tasks	Tasks
1	0	1	0	1	0	0

Reports

Title	Description
Site Details Report	Report of the current detail information for this Site.



VeriComm® Affordable, Dependable, Intelligent

VeriComm is Priced for the Residential Market

VeriComm Control Panels cost only about \$250-\$450 more than a standard panel, without telemetry, for the same application (depending on the panel's complexity). And the monthly per site cost of the Monitoring System is very low. This means VeriComm technology can be added to a system for only a fractional increase in total project costs.

Another Carefully Engineered Product from Orenco Systems

The VeriComm System was specifically developed for the onsite industry by Orenco Systems, a company known for its leading-edge solutions. Founded in 1981, Orenco distributes its wastewater products and technologies all over the world.



For More Information

Go to www.orenco.com or to www.vericomm.net and click on the icon for our online demo (free Flash Player version 6.0 required). You can e-mail us right from the online demo, or call Orenco at **800-348-9843**.



Peace of mind...
that's what you get with
VeriComm's 24/7 System Monitoring.

Please note: The VeriComm Monitoring System requires a Windows or Macintosh OS PC with a connection to the Internet and Internet Explorer version 5.0 or higher.

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