

SEPTAGE RECEIVING

REALIZING THE VALUE OF YOUR SEPTAGE RECEIVING STATION



IMPORTANCE

The treatment strategy and regulations for septage is ever changing and the co-treatment process at sewage treatment plants is emerging as the preferred alternative to land application or land fill. Hauled septage that originates from sources like waste holding tanks and portable toilet facilities can typically be characterized as having high organics (BOD) & solids. It is important for a treatment plant to control and regulate what is entering the plant because septage can be up to 80 times more concentrated than typical wastewater. The Septage Receiving Station should be designed to simplify both process control and administration.

PRODUCT DESCRIPTION

The Septage Receiving Station is a standalone access point for waste haulers. The primary function is to log flow totals and help the wastewater plant efficiently monitor and treat what is coming into the system. Having the ability to track specific hauler activities and start ancillary equipment like screens and grinders upon transaction initiation is a key element to preventing plant upsets. The receiving station should also simplify the accounting tasks of invoicing and activity tracking for municipal administration departments redundant piping, and suction & discharge.

BENEFITS & FEATURES

OWNER BENEFITS

Safeguards plant assets, facilitates decision making, and enables real-time management through advanced software integration.

HAULER BENEFITS

Benefits haulers with streamlined operations, 24/7 access, and improved monitoring of daily activities.

HARDWARE

Includes a hauler access station, activated by swipe card, key fob, or RFID, facilitating transactions seamlessly.

SOFTWARE

Offers user friendly data management, billing organization, and remote monitoring capabilities for efficient transaction management.

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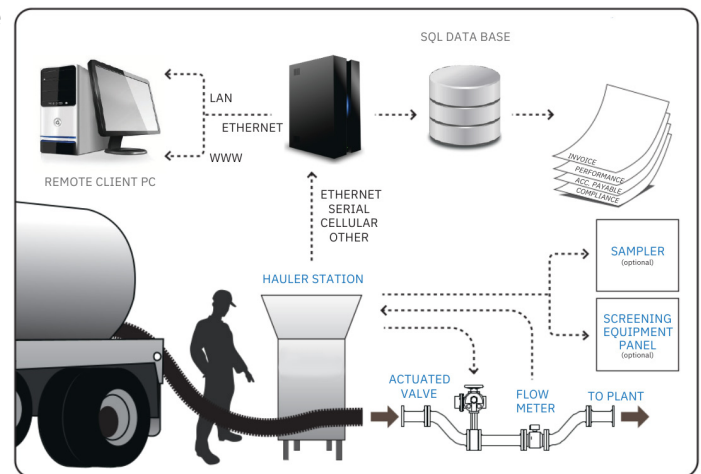
THE MODUS SOLUTION

Modus designated septage receiving station is used by municipalities for processing, controlling, and logging hauled waste transactions.

Traceability and Compliance through:

- Data Capture
- Operations Control
- Asset Management
- Risk Management

Modus provides the basis of a business information infrastructure that enables a municipality to make informed decisions. It is used as a transaction audit for activity at the site and increases operational efficiency and process performance.



CHALLENGES & ADVANTAGES

CHALLENGES

- How will access to the unloading station be controlled?
- Are there security measures in place to protect plant assets?
- What classification of waste will be permissible for unloading?
- Will there be traceability and accountability measures in place?
- How will the municipality be compensated for the use of their facility?

ADVANTAGES

- Increased revenue collection
- Eliminates paper manifests
- Improved control of receipts
- Remote software package available for easy real time site management
- Reduced workload for administration staff with account management & invoicing
- Secure audit trail of all tanker discharges
- Reduced workload and potential time saving for haulers

