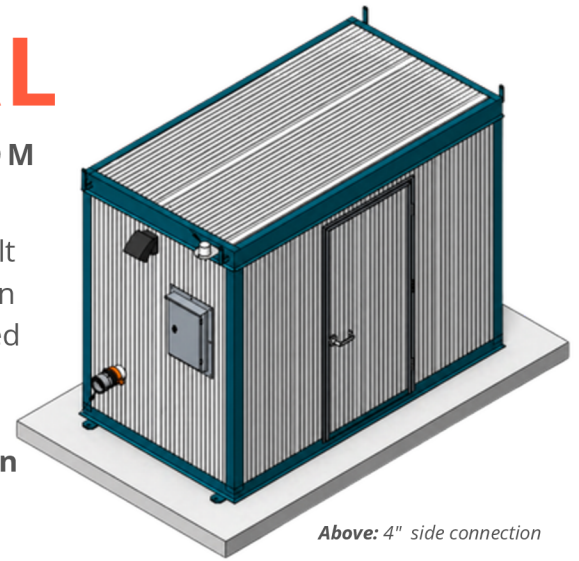


SEPTAGE GENERAL

SEPTAGE RECEIVING, CONTROLLED AND CUSTOM

Septage General is our most popular model, delivering secure, controlled access for efficient septage receiving operations. Built for reliability, each station features a durable, all-weather design for year-round use with flow monitoring, and optional integrated screening to protect your system and downstream processes. System owners can monitor usage, track haulers, and manage accounts remotely through the **Flowpoint Septage+** and **Fusion** platforms—providing full visibility and control over septage receiving activities.



Above: 4" side connection

Access options include on-account billing and prepaid access, providing a simple and convenient user experience. The controller supports multiple inlets, with optional custom siding and wastewater-quality monitoring.

Features & Benefits

Fully automated, secure septage receiving for haulers and operators

- Integrated access control with user authorization and automated manifest tracking
- Built-in flow measurement and totalization for accurate reporting and accountability
- Remote monitoring and control through the Flowpoint Septage+ and Fusion platform
- Durable, heated, and insulated enclosure with interior/exterior lighting for year-round operation
- Customizable design with optional dual inlets and multiple access terminals
- Advanced monitoring with optional sensors (pH, conductivity, hydrocarbons, H₂S, temperature, and more)

Typical Applications

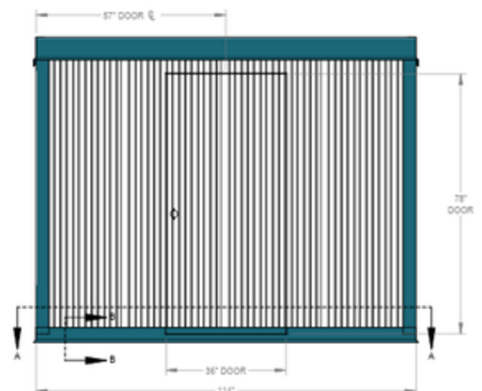
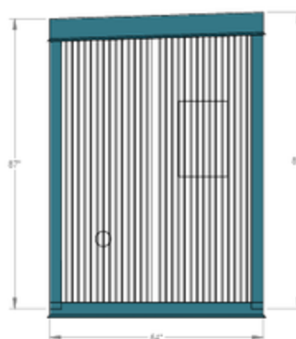
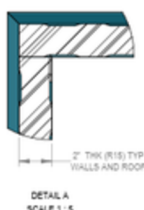
Municipal wastewater utilities
Septage and hauled waste receiving stations
Industrial wastewater and pretreatment facilities
Oil & gas, agriculture, fracking, and mining operations.
Remote wastewater handling locations
Leachate management

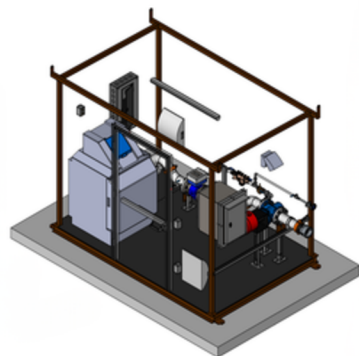
Sizes and Configurations

4" or 6" single inlets (standard)
Optional dual inlets and multi-terminal configurations.
Customizable pretreatment integration (rock traps, grinders, solids separation, screening, dewatering)
Modular design tailored to site-specific needs and flow requirements

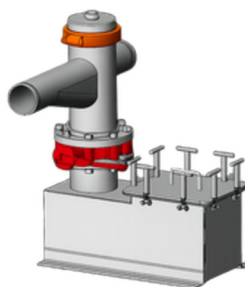
Dimensions

Sample Station - 4" side connection
Exact dimensions provided with shop drawings after ordering

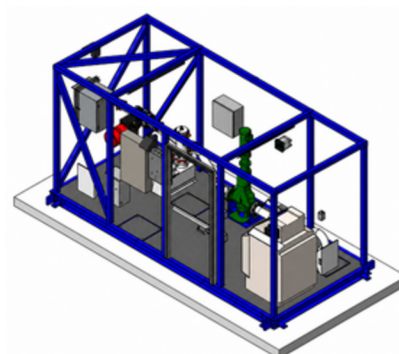




4" Septage Receiving Station with Sampler



Rock Trap



4" Septage Receiving Station with Grinder and Sampler

Main System Details

Mechanical:

Flowmeter and Control Valve: Endress+Hauser (E&H) Promag magnetic flow meter with Val-Matic plug valve and Rotork actuator

Auto-flushing (Optional): Is set to wash the receiving train with an integrated valve and backflow preventer.

Electrical:

Minimum Power Requirements: 120/240VAC, 30AMP single phase for a standard unit. Higher amperage, multi-phase power required for units with integrated pre-treatment options.

Internal Lighting: LED lighting for enclosure interior and exterior

Heater: 1500W Electric heater for cold-weather operation with insulation

Convenience Receptacle: 120VAC outlet inside enclosure

Load Center: Sized for incoming service line

Standard Material:

Enclosure: Insulated, weatherproof aluminum kiosk with outswing lockable door. Standard 1.5" (R11) wall and roof panels, structural steel frame (other options available)

Internal Piping: 316 Stainless Steel

Connections: Victaulic Rigid (Style 107) couplers

Access Terminal Coating: Grey powder coating, rated NEMA 3R

Measurement & Controls

Controller Specifications:

Programmable Logic Controller: Allen-Bradley CompactLogix PLC

Human Machine Interface (HMI): Stainless steel, color display, large backlit color coded keys, vandal resistant (IK09)

Communication Interface: Ethernet, Cellular (with SMS/text alarms), or Radio.

Data Storage: Non-volatile memory with automatic synchronization capable of storing up to 250 transactions offline

Software Integration: Compatible with Flowpoint Septage+ and Fusion

Software Environment: Client/Server (LAN) or Cloud

SCADA Integration: Supports Ethernet/IP and Modbus TCP (via protocol converter).

Sensors: Integrated temperature, door position and flood

Fail-Safe Features: Valve automatically closes on power loss, fault conditions, or after a predetermined period of no flow detection.

Optional Equipment:

- Flexible configurations with dual inlets and multiple access terminals
- Advanced monitoring and control with sensors (including pH, hydrocarbon, and conductivity sensors), cellular connectivity, and automated sampling.
- Integrated pretreatment and solids management (rock traps, grinders, screening, dewatering)
- System protection features including auto-flushing and hose reel for washing down accidental spills
- Site enhancements such as CCTV security, solar power options, and customizable exterior design

Software and Operation:

Septage General integrates with Flowpoint Septage+ and Fusion software for remote configuration, real-time usage monitoring and alarms. Authorized users access water using a PIN pad or RFID. All transactions are securely logged and synchronized to the administrative software.

Notes

- Please specify pipe sizes and configurations upon ordering
- Custom exterior panels including colors, faux brick, stone or siding and Architectural panels optional.