

© Septic Services, Inc.

Presentation: Treatment Facility

David C. Flagg, Jr.
 President/CEO - Septic Services, Inc.

- Founded Septic Services, Inc. in 1982
- Core Services: Installation, Pumping, Service Work, Aerator Sales & Service, Portable Toilet Rental
- Over 100,000 septic systems serviced
- Over 5,000 septic systems installed

Wastewater Treatment Facility

- Facility built in 1996
- Process over 5 million gallons per year

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AERIAL VIEWS OF FACILITY

Facility is located in semi-rural residential area of Franklin County within city limits of Union, Missouri. Union is located 50 miles southwest of St. Louis.

As septic service business grew odor became an issue with close proximity of neighbors. Several options were considered. Bio-filters were most efficient solution.

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FACILITY BUILDINGS

Facility includes:
 2 separate Bio-filter out buildings, 2 separate blowers and 1 processing building along with connecting piping.

Notes: Dave describes parts of facility.

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BLOWERS

Twin blowers located in two areas of facility. Sizing of each blower is very important and should be determined by experienced designer/engineer.

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PIPING

Blowers pull air from odor producing areas and sent through piping into bottom of the Bio-filters where air is absorbed into filter media.

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BIO FILTERS

Covered Bio-filter keeps rain/snow out to protect media. Design and type of filter media important to performance.



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PROCESSING BUILDING

Process over 5 million gallons per year.




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BELT PRESS ROOM

Belt press filtration uses double moving belts to dewater sludge.



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