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.

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

Notes: Dave describes parts of facility.

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

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

PROCESSING BUILDING
Process over 5 million gallons per year.

BELT PRESS ROOM
Belt press filtration uses double moving belts to dewater sludge.

David C. Flagg, Jr.
President/CEO – Septic Services Inc
7059 Highway 47
Union, Mo 63084
1-800-536-5564

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