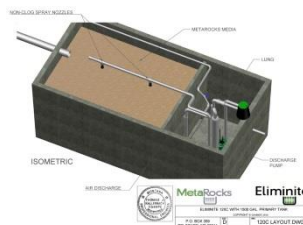
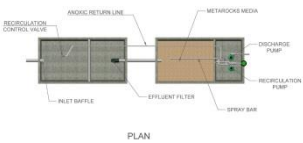
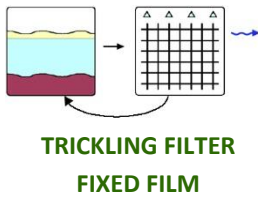


Firm: Eliminite
<http://eliminite.com>

System: C-Series or TANC

Category:



Process: Wastewater enters a two-chambered, 150 gallon septic tank for primary treatment and sedimentation. After passing through an effluent filter, it enters the treatment tank by gravity, which houses the MetaRocks media in an aerobic environment over an anoxic layer that feeds the adjacent pump chamber. The media has large pores, a rough surface to enhance film formation, and structural integrity that resists compaction. One pump recirculates a portion of the effluent over the media (nitrification) and a portion back to the septic tank for additional denitrification. The second pump discharges the wastewater to the dispersal field.

System: System comes either fully assembled in one tank, or as inserts for locally sourced concrete tanks. System incorporates a septic chamber, recirculation tank, dose tank and treatment filter. It includes a recirculation pump and a drainfield pump, as well as MetaRocks® media bed and patented air entrainment device.

Flow Range: Varies

Tests: Montana: NDEQ- for Level 2 (highest treatment level)
New Mexico Class 3 (highest treatment level)

Cost: \$12,000 - \$13,000 including building connection, septic tank, Eliminite unit, pressure dosed drainfield

Energy: (1) ½ hp pump, running roughly 1.5 hr./day. Estimated use is 1-2 kWh/month at an estimated cost of \$5 - \$11 per month.

Tanks: Fiberglass or concrete

Venting: None

Eliminite, Inc.

PO Box 359
Belgrade, MT
59714

Factory:

3323 Frontage road
Three Forks, MT 59752

Telephone:

406 581 1613



Footprint: The packaged unit is 96 SF (6' x 16'), otherwise two tanks, each roughly 60 SF.

Depth: 6-7' plus separation depth to groundwater

Life Cycle: Pumps: 3-7 years (Cost: \$200-\$600)

Warranty: 5 year material warranty; 3 year son pumps; 2 years on the panel

Maintenance: Annually; pump-outs as needed (usually 3-5 years).

- Notes:*
- Handles heavy organic loads well.
 - Seasonal use can be accommodated.
 - Uses a large septic tank, which allows longer residence time and reduces energy costs.
 - Can have different configuration to reflect use and site conditions

Installations: CA, CO, MT, NM Will be participating in MA pilot

Treatment:

	TN /aver 50%	cBOD 25 mg/L aver/mon	TSS 30 mg/L aver/mon	DO
mg/L	<15	< 10	<10	>4
%	70- 90%			

Advantages:

- Very low maintenance needs
- Handles organic loads well
- Could be inserted in a H2O tank for vehicle loading

Disadvantages:

- Needs generator connection during power outages