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<b>BOARD OF HEALTH:</b>	Bruce DeLong David Pohl	George Bailey Steven Sopocy	Phil Kohn Adam Petersen
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MID-MICHIGAN DISTRICT HEALTH DEPARTMENT (MMDHD)  
BOARD OF HEALTH  
REGULAR MEETING  
at  
**Gratiot Office, Ithaca, Michigan**  
**Conference Rooms A & B**

**Wednesday, June 26, 2024**  
**8:30 a.m.**

**AGENDA**

*We take action to protect, maintain, and improve the health of our community.*

**MEMBERS:** Phil Kohn (Chairperson), Steven Sopocy and David Pohl

**STAFF:** Lonnie Smith, Directory of Environmental Health

**GUESTS:** Matthew Johnson and Charlotte Peele, Infiltrator Water Technologies Representatives

A. Infiltrator Water Technologies Request for Approval of Alternative System

B.

<b>BOARD OF HEALTH:</b>	Bruce DeLong	George Bailey	Phil Kohn
	David Pohl	Steven Sopocy	Adam Petersen

June 26, 2024

# Memo

ADMINISTRATOR: Lonnie Smith, EH Director

PROGRAM COMMITTEE MEMBERS: Phil Kohn (Chairperson), Steven Sopocy and David Pohl

SUBJECT: Infiltrator Water Technologies Request for Alternative System

I. Summary:

MMDHD has been approached by Infiltrator Water Technologies to consider the use of their ATL onsite wastewater product within the district as an alternative method of drainfield placement for onsite septic permit issued. Since the product would use less than prescribed drainfield area that required under the Environmental Health Regulations Chapter Three, Section IV, 4.9 and 4.10, the product would be deemed as an alternative system and could be allowed under the same regulations, chapter within Section V. The packet of information that I provided to you at the last Board of Health meeting included the ATL NSF 40 research report on the performance of the product, the product installation guidance from Infiltrator and draft MMDHD criteria for design. The proposed system would require the property owner to sign a variance to acknowledge that an alternative system will be in use.

II. Strategic Objective, Health Issue, or other Need Addressed:

This product will give onsite system owners another option of drainfield design that can significantly reduce the area needed within the property, provide adequate protection to groundwater and surface water through additional treatment of the septic tank effluent. It would reduce the burden of using drainfield stone which seems hard to obtain.

III. Alternatives Considered:

MMDHD has approved other alternative systems to be used within the district (Pressure Mound, Aeration Treatment Units, Sand Filters and Geotextile Sand Filters) that have performed and functioned well over the past 25 years. The property owner can also utilize the standard drainfield designs as stated above in subsections 4.9 and 4.10

IV. Recommendation:

MMDHD recommends the use of the ATL as another option for alternative onsite septic system design within the district.