YARMOUTH WATER POLLUTION CONTROL DEPARTMENT

(The website excerpts...)

The Town of Yarmouth, Maine has 8,300 residents. The Yarmouth WWTP is at 82 Princes Point Road.

COMPOST BUILDING

The composting process is used to stabilize the dewatered sludge. The finished product can be marketed as soil amendment.

The windrow composting facilities include two interconnected 160-foot long by 65-foot wide structures that provide rain protection for the composting operation and to minimize leachate production. The structures have galvanized steel columns and beams supporting pressure treated wood roof truss with fiberglass roof panels. The covered area provides space for, amendment storage (within a precast concrete silo), mixing sludge with amendment, the composting area and finished compost storage area. These areas are not specifically defined, but range in size and location as the operation evolves. The aeration and continued mixing of the windrow is accomplished by an elevating face windrow turner that is pulled and guided through the pile with the facility’s front end loader. All leachate is collected via local system and returned to the treatment process.

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[Yarmouth’s] CONCLUSION

The upgraded facility runs exceptionally well. The concerted effort of the operators and the design team has lead to one of the best operations in the entire state, if not the nation.