

Commercial

McDonald's Restaurant
Mobil Oil "On the Run"
Convenience Store
Fresco's Pizza
I-93, Windham, NH

Profile

- 7,275 sq. ft. single-story new building
- McDonald's Restaurant (60 seats)
open 7 days a week
- Convenience store (3,600 sq. ft.)
open 24 hours a day
- Service station (5 islands)
open 24 hours a day
- Pizza shop (8 seats)
open 24 hours a day
- Peak day traffic flow = 1,200 customers

Challenge

- Increase life of SAS (soil absorption system) by years
- Reduce wastewater flow by thousands of gallons per day
- Reduce TSS (total suspended solids) to septic tank

Solution

- Eliminated sewage altogether
- Discharged greywater-only
- Drastically reduced wastewater flows
- Installed Nepon foam-flush toilets and waterless urinal fixtures
- Installed model M-35 composters



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