

TABLE 14-4A

TECHNOLOGY EFFLUENT NITROGEN CONCENTRATION COMPARISON

TECHNOLOGY	TYPICAL EFFLUENT NITROGEN CONCENTRATION RANGE (MEDIAN VALUES) MG/L ⁽³⁾	PERCENT OF MEDIAN VALUES BELOW 19 MG/L ⁽⁴⁾
JET	NA	-
RUCK	10 to 42	43
Bioclere	2 to 57	66
FAST	2 to 64	70
Amphidrome	1 to 68 ⁽²⁾	-
Waterloo Biofilter	12 to 48 ⁽²⁾	-
AdvanTex	9 to 32 ⁽²⁾	-
Nitrex™	1 to 7 ⁽²⁾	-
Nitrex™/Omni	NA	-
Norweco Singulair	2 to 62	60
Omni RSF	2 to 62	48
SeptiTech	8 to 76	13

Notes:

- (1) Systems where data was not available are identified as "NA"
- (2) Limited number of sites (less than 6)
- (3) Based on the report, "Performance of Innovative Alternative Onsite Septic Systems for the Removal of Nitrogen in Barnstable County, Massachusetts 1999-2007," developed by the Barnstable County Department of Health and Environment.
- (4) Technologies with "Percent of Median Values Below 19 mg/L" with no data listed were either not reported in the County study or had an insufficient number of data points to accurately report.