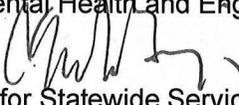


INTEROFFICE MEMORANDUM

DCEH 13-001

DATE: January 18, 2013

TO: County Health Department Directors/Administrators
ATTN: Environmental Health and Engineering Directors

THROUGH: C. Meade Grigg 
Deputy Secretary for Statewide Services

FROM: Patti Anderson, MSc, P.E. 
Chief, Bureau of Environmental Health

SUBJECT: Alternative Drainfield Product and Low Pressure Dosing Requirement

This memorandum provides guidance on the use of Alternative Drainfield Products (ADP) in drainfields where the system design is less than or equal to 1000 square feet and the minimum number of whole ADP product units required for the installation will result in a drainfield that exceeds the 1000 square foot threshold for low pressure dosing. In these cases, a maximum of one ADP product unit exceedance, solely to maintain the minimum number of product units, is acceptable and will not require the drainfield to be low pressure dosed. Any more than the one product unit exceedance will require an application amendment to provide low pressure dosing. All rule requirements for the resulting drainfield size must be met.

Attached for you information is a copy of the current ADP listing detailing the ADPs that result in an even number of product units for a 1000 square foot drainfield. The remaining ADP may employ the above procedure to address the fractional product issue.

Please distribute this memorandum to your local contractors, site evaluators, and engineers. For more information, please call your Onsite Sewage Programs consultant in Tallahassee or Orlando.

Attachment

ARC chamber (Effective 01/17/2012 by Infiltrator Systems, Inc.; formerly Advanced Drainage Systems, Inc.)		http://www.infiltratorsystems.com http://www.ads-pipe.com	Number of Units/products for a minimum 1000 sf. Drainfield
ARC 24 (single chamber) (Model # 2412BD)	15.0 sq ft / chamber 3.0 sq ft / linear foot of chamber (for cut chamber)		66.67
BIO DIFFUSER chamber (Effective 01/17/2012 by Infiltrator Systems, Inc.; formerly Advanced Drainage Systems, Inc. or Hancor, Inc.)		http://www.infiltratorsystems.com http://www.ads-pipe.com	
BioDiffuser 11" Standard (marketed as Original BioDiffuser) (Model # 1100BD)	18.75 sq ft / chamber		53.33
BioDiffuser 15" Narrow (marketed as Bio 2) (single chamber) (Model # 1500BD)	14.4 sq ft / chamber		69.44
BioDiffuser 15" Narrow (marketed as Bio 2) (dual parallel chamber) (Model # 1500BD)	15.4 sq ft / chamber	Trench	64.94
BioDiffuser 22" Narrow (marketed as Bio 3) (single chamber) (Model # 2200BD)	21.6 sq ft / chamber		46.30
CULTEC chamber by Cultec, Inc.		http://www.cultec.com	
Contactor EZ24	10.75 sq ft / chamber	See memoranda HSES 01-015 and 02-006	93.02
Contactor 100	21.50 sq ft / chamber	See memoranda HSES 01-015 and 02-0066	46.51
ENVIROCHAMBER (Effective 01/17/2012 by Infiltrator Systems, Inc.; formerly Hancor, Inc.)		http://www.infiltratorsystems.com http://www.hancor.com	
EnviroChamber Pro 11" Standard (Model # 1100BDH)	18.75 sq ft / chamber		53.33
Original 34" Standard Envirochamber	18.75 sq ft / chamber	(discontinued in 2007)	53.33
Original 34" Hi-Capacity Envirochamber	18.75 sq ft / chamber	(discontinued in 2007)	53.33
EZflow by Infiltrator (formerly Ring Industrial Group, L.P.; formerly EZflow, L.P.)		http://www.infiltratorsystems.com	
EZflow 1003T (Triangular 3, 10" pipes)	1 linear foot of product = 3 sqft of mineral aggregate	Trench	33.33
EZflow 1003H, 1003H-GEO (3, 10" pipes)	1 linear foot of product = 3 sqft of mineral aggregate	Trench or Bed	33.33
EZflow 1203H, 1203H-GEO (3, 12" pipes)	1 linear foot of product = 4 sqft of mineral aggregate	Trench or Bed	25.00
EZflow 1006H (Trench: 6, 10" pipes, 2 Tier)	1 linear foot of product = 4.3 sqft of mineral aggregate	Trench	23.26
FLOWTECH by ICC Technologies, LLC		https://www.iccflowtech.com	
FTSG-123H-10C (3, 12" pipes)	1 linear foot of product = 4 sqft of mineral aggregate	Trench or Bed	
INFILTRATOR chamber by Infiltrator Systems, Inc.		http://www.infiltratorsystems.com	
Original 30" Chamber Models 1HC10, 1STD10, 1STD10C, 1STD20C, 1STDSC and 1HC20	18.75 sq ft / chamber		53.33
Sidewinder Models: 1HC10SWC, 1STD10SW, 1STDSCSW and 1HC10SW	18.75 sq ft / chamber		53.33
EQ24 (single chamber)	16.67 sqft / chamber		59.99
Double EQ24 (dual parallel chamber)	17.85 sqft / chamber---Trench		56.02
EQ36 and EQ36 QuickCut (single chamber)	25.00 sqft / chamber		40.00
Quick4 EQ24 LP (single chamber)	7.28 sqft / chamber, 0.00 sqft / end plate	*warranty 07/08/2012	137.36
Double Quick4 EQ24 LP (dual parallel chamber)	7.80 sqft / chamber, 0.00 sqft / end plate---Trench	*warranty 07/08/2012	128.21
Quick4 EQ24 (single chamber) and Quick4 EQ24 HD (single chamber)	8.00 sqft / chamber; 0.00 sqft / end plate		125.00
Double Quick4 EQ24 (dual parallel chamber) and Double Quick4 EQ24 HD (dual parallel chamber)	8.57 sqft / chamber; 0.00 sqft / end plate---Trench		116.69
Quick4 EQ36 and Quick4 EQ36 SL	12.00 sqft / chamber; 0.00 sqft / end plate		83.33
Quick4 Plus EQ36 LP and Quick4 Plus EQ36 SL LP	11.32 sqft / chamber, 0.00 sqft / end plate	**warranty 2/10/2013	88.34
Quick4 Standard Chamber	12.00 sqft / chamber; 0.00 sqft / end plate		83.33
*Infiltrator Systems to offer 5-yr warranty against defects in materials and workmanship on Quick4 EQ24 LP chambers installed in Florida at least to date indicated in row			
**Infiltrator Systems to offer 2-yr performance warranty on Quick4 Equalizer 36 LP chambers installed in Florida at least to date indicated in row			
Multi-Pipe Rockless Drainfield System (MPRDS) by Plastic Tubing Industries, Inc.		http://ptifla.com	
10 pipes - 3 tier	1 linear foot of product = 2 sqft of mineral aggregate		50.00
14 pipes - 3 tier	1 linear foot of product = 3 sqft of mineral aggregate		33.33
9 pipes - 2 tier; Marketed by PTI as "MPS-9"	1 linear foot of product = 3 sqft of mineral aggregate		33.33
11 pipes - 2 tier; Marketed by PTI as "MPS-11"	1 linear foot of product = 3 sqft of mineral aggregate		33.33
13 pipes - 2 tier; Marketed by PTI as "MPS-13"	1 linear foot of product = 3 sqft of mineral aggregate		33.33