



Memorandum

TO: Directors of Environmental Health
Local Health Departments
Regional Engineers/Supervisors
Units of Local Government

FROM: Chad Moorman, LEHP
Program Manger
Private Sewage Disposal Program

DATE: February 21, 2013

SUBJECT: Chamber Sizing Update

This updates the December 21, 2011 memorandum regarding the sizing of chamber systems.

Design criteria for the installation of subsurface seepage chamber systems:

Manufacturer	Chamber System	Average Inside Bottom Dimension	Absorption Area Sq. Ft./Ln. Ft.
Advanced Drainage Systems	BioDiffuser Bio 2 (Bio 2)	1.00 ft.	2.5
	ARC 24	1.60 ft.	4.0
	BioDiffuser Bio 3 (Bio 3)	1.60 ft.	4.0
	BioDiffuser ARC 36 (ARC 36)	2.43 ft.	5.0
	BioDiffuser ACR 36 LP (ARC 36 LP)	2.43 ft.	5.0
Infiltrator	Equalizer 24 (EQ 24)	1.00 ft.	2.5
	Equalizer 36 (EQ 36)	1.60 ft.	4.0
	Quick4 Equalizer 24 (Quick4 EQ 24)	1.09 ft.	2.7
	Quick4 Equalizer 36 (Quick4 EQ 36)	1.60 ft.	4.0
	Quick4 Equalizer 36 StraightLock (Quick4 EQ 36 SL)	1.60 ft.	4.0
	Quick4 Plus Equalizer 36 Low Profile (LP)	1.61 ft.	4.0
	Quick4 Plus Standard LP	2.44 ft.	5.0

The above mention companies have provided the Department with the requested data to achieve the above standards. The Department will continue to evaluate other chamber systems as they are presented to the Department requesting approval.

Please make this information available to contractors operating within your jurisdiction.

If you have any questions you may contact the office at (217) 782-5830.