

Quick4 Chamber and EZflow Product Ratings Increased



The product ratings for Infiltrator Quick4 chambers and EZflow have increased! The product ratings increase resulted from additional sidewall receiving absorption area credit. The ratings change results in an additional trench length reduction for Quick4 chambers and EZflow. New product ratings are provided on the reverse side along with sample trench sizing calculations. Quick4 chambers and EZflow can

be used to construct shallow and deep trench systems, depending upon the site-specific application. Both product lines provide excellent flexibility for constructing wastewater absorption systems on both routine and challenging sites.



THIS NEW SIZING IS EFFECTIVE IMMEDIATELY

Please go to: www.env.nm.gov/fod/LiquidWaste/documents/FACTSHEET-DrainfieldProductSizing-8-1-17.pdf for sizing information provided on the NMED web site.

BACKGROUND

In 2013, the New Mexico Environment Department altered the method for sizing a gravel trench in 20.7.3.703(J) NMAC. Specifically, the rule change removed the restriction on crediting the bottom of the trench sidewall. Presently, 20.7.3.703(J) NMAC calls for the total absorption area to be calculated utilizing the total trench bottom and sidewall area below the distribution pipe. When applied to Quick4 chambers and EZflow, the additional trench sidewall credit increases the product rating.

IMPACT

Sizing of Infiltrator Quick4 chambers and EZflow can now be based on the revised sizing values provided on the reverse side. The revised sizing values will reduce the trench length required for any Quick4 chamber and EZflow product for which the rating was previously less than 7.0 square feet per linear foot.

New Infiltrator Quick4 Chamber and EZflow Product Ratings

Product	Length (feet)	New Product Rating (Effective August 1, 2017)	Minimum Trench Spacing (ft)
High Capacity Chamber	6.25	33.6 sf/unit	4.0
Quick4 High Capacity	4.0	21.6 sf/unit	4.0
Quick4 Plus High Capacity	4.0	21.6 sf/unit	4.0
Quick4 Standard	4.0	18.3 sf/unit	4.0
Quick4 Plus Standard	4.0	18.3 sf/unit	4.0
EZflow 1204V	-	7.0 sf/lf	10.0
EZflow 1006V	-	6.2 sf/lf	5.0
EZflow 1202V	-	4.4 sf/lf	6.0
EZflow 1203V	-	6.4 sf/lf	8.0
EZflow 1006H	-	5.7 sf/lf	4.0
EZflow 1206H	-	7.0 sf/lf	4.0
EZflow 1003T	-	4.5 sf/lf	5.0
EZflow 1203T	-	5.5 sf/lf	6.0
EZflow 1203H	-	5.3 sf/lf	4.0

Comparative Sizing Examples

Assume 900 square feet of drainfield absorption area are required at a job site.

Quick4 Plus High Capacity Chamber

- Units required under old product rating = $900 \text{ sf} / 19.3 \text{ sf/unit} = 46.6 \text{ units} = 47 \text{ units}$
- Units required under new product rating = $900 \text{ sf} / 21.6 \text{ sf/unit} = 41.7 \text{ units} = 42 \text{ units}$

EZflow 1203V

- Trench length required under old product rating = $900 \text{ sf} / 5.4 \text{ sf/lf} = 166.7 \text{ feet}$
- Trench length required under new product rating = $900 \text{ sf} / 6.4 \text{ sf/lf} = 140.6 \text{ feet}$