Nebraska

Nebraska Department of Environmental Quality (NEDEQ) granted approval per theTitle 124 - Rules and Regulations for the deisgn, operation and maintenance of onsite wastewater treatment systems for use of Infiltrator Water Technologies EZflow brand 1201-P/1201-P-GEO, 1202H/1202H-GEO, and 1203H/1203H-GEO drainfield products.

The EZflow 1201-P/1201-P-GEO, 1202H/1202H-GEO, and 1203H/1203H-GEO are approved as a new technology system at the specified sizing:

- 1201-P/1201-P-GEO 1.5 SF/FT
- 1202H/1202H-GEO 3 SF/FT
- 1203H/1203H-GEO 4.5 SF/FT

Any site where EZflow products are installed must meet the same site, soil, soil evaluation, repair area, construction, and all other requirements imposed for a standard gravel drainfield.

Materials and Equipment needed

- EZflow Bundles
- EZflow Internal Pipe Couplers
- Pipe for Header and Inlet
- Backhoe
- Rake, Shovel
- Laser, Transit, or Level

Installation Instructions

The instructions for installation of EZflow products are given below. This product must be installed in accordance with Title 124 and the approval criteria established by the NEDEQ.

In cases where linear footage required is not in multiples of 10, installer may (a) reduce the product to needed length and refasten netting to the pipe or, (b) use an additional 5 or 10 feet of product to exceed the required trench length.

1. After the health department has approved the configuration and layout for the EZflow systems, stake or mark with paint the location of trenches and lines. Be careful to set correct tank, invert pipe, header line or distribution box and trench bottom elevations before installation of pipe bundles.

2. The disposal field shall utilize the level or serial method of distribution depending on site characteristics.

3. Disposal field trenches shall follow ground surface contours so that variations in trench depth will be minimized.

4. Undisturbed edge-to-edge trench spacing shall be as follows:

- <10% slope 4 ft. spacing
- 10-20% slope 5 ft. spacing
- >20% slope 6 ft. spacing

5. Excavate trenches to depth shown on approved permit and to width, based on EZflow aggregate system selected.

Note: If precipitation falls onto the excavation and evidence of soil washing in the excavation of the subsurface seepage system exists, that portion of the seepage system damaged shall be reconstructed to conform to this Section.

6. The top of bundles in the subsurface seepage field shall be at least one inch below the invert of the outlet pipe from septic tank or distribution box in gravity flow systems.

7. Remove plastic shipping wrap prior to placing bundles in the trench(es). Remove any plastic wrap in the trench before system is covered.

8. Place bundle(s) in the configuration approved by system design permit specified for the particular site. The bundles containing pipe are joined end to end with an internal pipe coupler. Any additional aggregate bundles that may be required, should be butted against the other aggregate-only bundles and do not require any type of connection device.

9. The top of each GEO bundle contains a filter fabric premanufactured in between the netting and aggregate. The fabric is inserted to prevent soil intrusion. The installer shall make sure that the fabric is on top and is in contact with the fabric contained in the adjacent bundle before backfilling.

10. If not using a GEO product, EZflow systems require covering over the top of the system with a biodegradable material approved by the manufacturer.

11. The bottom of the subsurface seepage field, each trench and its distribution line shall be level. Level for this part shall mean plus or minus 1/2 inch in any direction over the entire area of the subsurface seepage system.

12. EZflow EPS bundles are flexible and can fit in curved trenches as may be necessary to avoid trees, boulders, or other obstacles.

13. EZflow systems are not required to be looped. When EZflow

EZflow by INFILTRATOR

JULY 2017

Installation Instructions for EZflow Systems in Nebraska



systems are not looped, the end of the distribution pipe shall be capped.

14. There shall be a minimum of 8” and a maximum of 36” of earth backfill over the EZflow EPS aggregate bundles.

15. Soil material excavated from trenches should be used in backfilling and soil cover must be crowned or sloped over the absorption field so as to promote surface runoff, until initial settling has taken place. Soil within 6” of EPS bundles shall be loosely placed and not compacted.

Repeat steps 1 through 15 for each trench.

The area of the disposal field shall not be used for vehicular traffic, parking, or underground utilities, to include water lines.

Dozers, trucks, and other heavy vehicles shall not be allowed to run over the septic tank, field lines or other parts of the system to avoid additional compaction of soil.

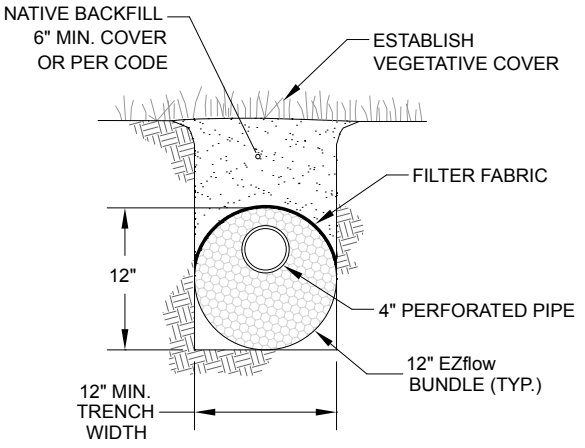
Sod or seed the drainfield area to control erosion, as may be required by Permit or local policy.

EZflow Inspection
As required by state or local regulations, be sure to obtain proper installation inspection and authorization from the health department prior to covering the system.

Septic tank, header pipe or D box, trench bottom, grade, depth, and cover shall be in accordance with state rules and regulations unless otherwise specified.

Approved EZflow Products – Nebraska

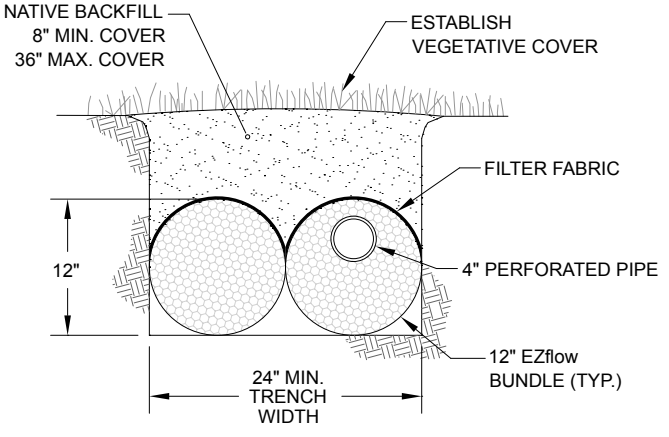
1201P-GEO



SIZING EXAMPLE: 300 sq ft. required.
300 sf ÷ 1.5 sf per ft = 200 lf required

PROPERTIES AND SPECIFICATIONS	
Overall System Height	12”
Trench Sizing	1.5 sf/lf
Trench Width	12” – 24”
Trench Depth	20” – 48”

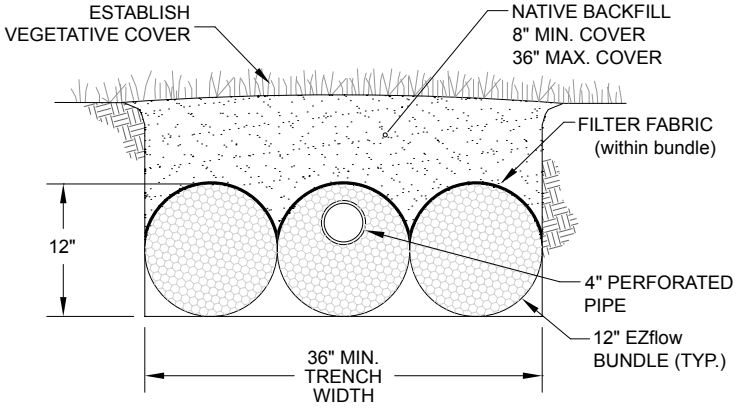
1202H-GEO



SIZING EXAMPLE: 300 sq ft. required.
300 sf ÷ 3 sf per ft = 100 lf required

PROPERTIES AND SPECIFICATIONS	
Overall System Height	12”
Trench Sizing	3 sf/lf
Trench Width	24” – 36”
Trench Depth	20” – 48”

1203H-GEO



SIZING EXAMPLE: 300 sq ft. required.
300 sf ÷ 4.5 sf per ft = 70 lf required

PROPERTIES AND SPECIFICATIONS	
Overall System Height	12”
Trench Sizing	4.5 sf/lf
Trench Width	36”
Trench Depth	20” – 48”

Nebraska EZflow 1201H Minimum Sizing Requirements (Revised October 2014)

Perc Rate MPI	1 Bedroom 200 GPD		2 Bedroom 300 GPD		3 Bedroom 400 GPD		4 Bedroom 500 GPD		5 Bedroom 600 GPD	
	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)
<5	**System must be designed with a 12" loamy sand liner that would have a percolation rate of 15 to 20 minutes per inch and shall be designed at the 11-20 minutes per inch level.**									
5-10	165	110	330	220	495	330	660	440	825	550
11-20	210	140	420	280	630	420	840	560	1050	700
21-30	250	170	500	340	750	500	1000	670	1250	840
31-40	275	190	550	370	825	550	1100	740	1375	920
41-50	330	220	660	440	990	660	1320	880	1650	1100
51-60	350	240	700	470	1050	700	1400	940	1750	1170
>60	**Systems must be designed by a professional engineer. Construction Permit Needed.**									

Nebraska EZflow 1202H Minimum Sizing Requirements (Revised October 2014)

Perc Rate MPI	1 Bedroom 200 GPD		2 Bedroom 300 GPD		3 Bedroom 400 GPD		4 Bedroom 500 GPD		5 Bedroom 600 GPD	
	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)
<5	**System must be designed with a 12" loamy sand liner that would have a percolation rate of 15 to 20 minutes per inch and shall be designed at the 11-20 minutes per inch level.**									
5-10	165	60	330	110	495	170	660	220	825	280
11-20	210	70	420	140	630	210	840	280	1050	350
21-30	250	90	500	170	750	250	1000	340	1250	420
31-40	275	100	550	190	825	280	1100	370	1375	460
41-50	330	110	660	220	990	330	1320	440	1650	550
51-60	350	120	700	240	1050	350	1400	470	1750	590
>60	**Systems must be designed by a professional engineer. Construction Permit Needed.**									

Nebraska EZflow 1203H Minimum Sizing Requirements (Revised October 2014)

Perc Rate MPI	1 Bedroom 200 GPD		2 Bedroom 300 GPD		3 Bedroom 400 GPD		4 Bedroom 500 GPD		5 Bedroom 600 GPD	
	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)	sf required	Length of EZflow (lf)
<5	**System must be designed with a 12" loamy sand liner that would have a percolation rate of 15 to 20 minutes per inch and shall be designed at the 11-20 minutes per inch level.**									
5-10	165	40	330	80	495	110	660	150	825	190
11-20	210	50	420	100	630	140	840	190	1050	240
21-30	250	60	500	120	750	170	1000	230	1250	280
31-40	275	70	550	130	825	190	1100	250	1375	310
41-50	330	80	660	150	990	220	1320	300	1650	370
51-60	350	80	700	160	1050	240	1400	320	1750	390
>60	**Systems must be designed by a professional engineer. Construction Permit Needed.**									

WARRANTY

INFILTRATOR WATER TECHNOLOGIES, LLC STANDARD LIMITED WARRANTY

(a) The structural integrity of each EZflow by Infiltrator expanded polystyrene drainfield system and other accessories manufactured by EZflow by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by EZflow by Infiltrator to be covered by this Limited Warranty. EZflow by Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

(c) This Limited Warranty shall be void if any part of the EZflow system is manufactured by anyone other than EZflow by Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty. Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original Holder.

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

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The top of configurations with the suffix **"GEO"** contain a filter fabric pre-manufactured in between the netting and aggregate. The fabric is inserted to prevent soil intrusion. The installer shall make sure that the fabric is on top and is in contact with the fabric contained in the adjacent cylinder before backfilling. If not utilizing a **GEO** product, installer should use untreated building paper. Other barrier material may be used as approved by the state's DEC and manufacturer.

ISO 9001 Registered.

U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844 Canadian Patents: 1,329,959; 2,004,564 Other patents pending. Infiltrator, Equalizer, Quick4, and SideWinder are registered trademarks of Infiltrator Water Technologies, LLC. Infiltrator is a registered trademark in France. Infiltrator Water Technologies is a registered trademark in Mexico. Contour, MicroLeaching, PolyTuff, ChamberSpacer, MultiPort, PosiLock, QuickCut, QuickPlay, SnapLock and StraightLock are trademarks of Water Technologies, PolyLok is a trademark of PolyLok, Inc. TUF-TITE is a registered trademark of TUF-TITE, INC. Ultra-Rib is a trademark of IPEX Inc.

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Contact Infiltrator Water Technologies' Technical Services Department for assistance at 1-800-221-4436