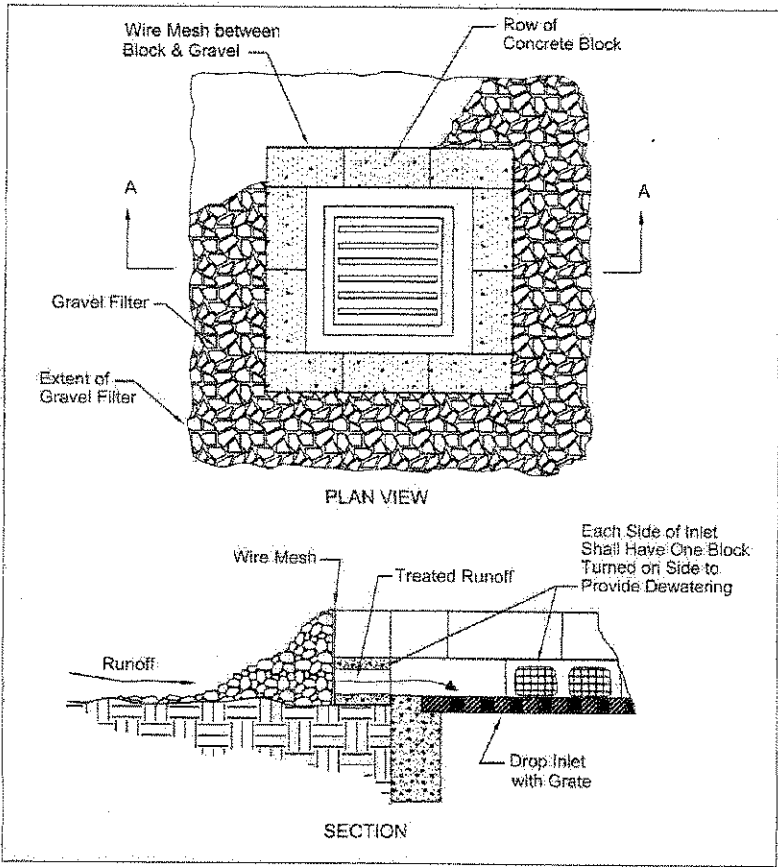


Specifications
for
Block and Gravel Drop Inlet Filter



1. Place 4-inch by 8-inch by 12-inch concrete blocks lengthwise on their sides in a single row around the perimeter of the inlet, with the ends of adjacent blocks abutting. The height of the barrier can be varied, depending upon the design needs, by stacking combinations of the same size blocks. The barrier of blocks should be at least 12-inches high but no greater than 24-inches high.
2. Wire mesh should be placed over the outside vertical face (webbing) of the concrete blocks to prevent stone from

- being washed through the block cores. Hardware cloth or comparable wire mesh with 1/2-inch openings should be used.
3. Two-inch stone should be piled against the wire to the top of the block barrier, as shown below.
 4. If the stone filter becomes clogged with sediment so that it no longer adequately performs its function, pull stone away from the blocks, clean and/or replace.

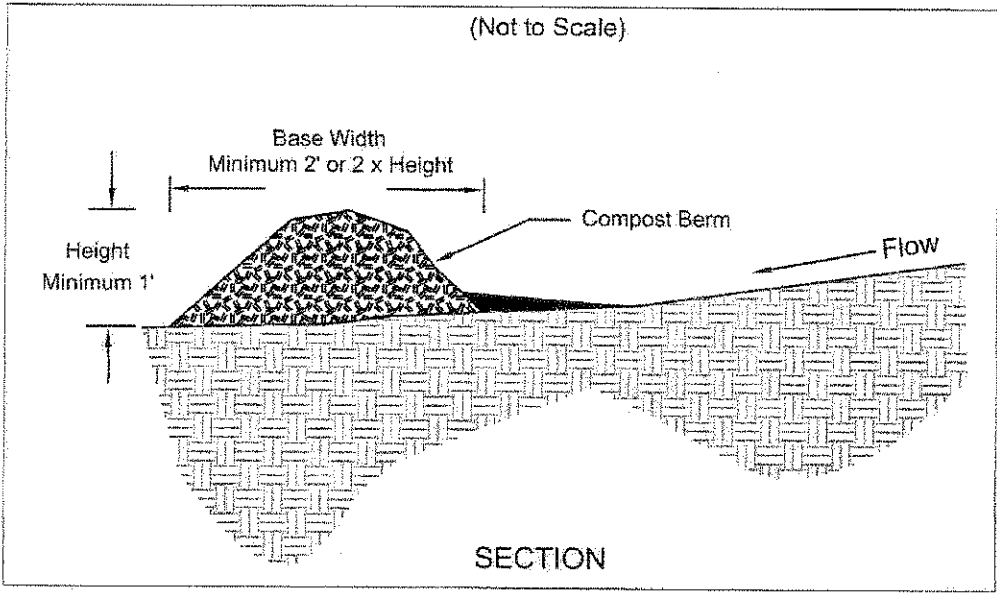
INFORMATION OBTAINED FROM THE 2006
EDITION OF THE STATE OF OHIO'S "RAINWATER
AND LAND DEVELOPMENT MANUAL".

Larry Liffich

CITY OF NORTH RIDGEVILLE, ENGINEER

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| REV No. | DATE | BY | DESCRIPTION |
| CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING | | | |
| BLOCK AND GRAVEL DROP INLET FILTER | | | |
| SCALE: NOT TO SCALE | | | SWP-23 |
| DATE: 10/01/08 DRWN BY: JAB/TEB | | | |

Specifications
for
Filter Berm



1. Materials – Compost used for filter berms shall be weed, pathogen and insect free and free of any refuse, contaminants or other materials toxic to plant growth. They shall be derived from a well-decomposed source of organic matter and consist of a particles ranging from 1/4" to 3".
2. Installation – Filter berms will be placed on a level line across slopes, generally parallel to the base of the slope or other affected area. On slopes approaching 2:1, additional berms shall be provided at the top and as needed mid-slope.

Filter berms are not to be used in concentrated flow situations or in runoff channels.
3. Maintenance – Inspect filter berms after each significant rain, maintaining the berms in a functional condition at all times.

Remove sediments collected at the base of the filter berms when they reach 1/3 of the exposed height of the practice.

Where the filter berm deteriorates or fails it will be, it will be repaired or replaced with a more effective alternative.
4. Removal – Filter berms no longer needed will be dispersed on site in a manner that will facilitate seeding.

INFORMATION OBTAINED FROM THE 2006
EDITION OF THE STATE OF OHIO'S "RAINWATER
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| REV No. | DATE | BY | DESCRIPTION |
| CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING | | | |
| FILTER BERM | | | |
| SCALE: NOT TO SCALE | | | SWP-24 |
| DATE: 10/01/08 | | DRWN BY: JAB/TEB | |