INFILTRATOR®
systems Inc.

# MEMORANDUM

**DATE:** June 3, 2011

**RE:** Usage of Aggregate Backfill with ISI Chambers

There are occurrences when a contractor chooses to install aggregate as backfill with Infiltrator Systems Inc. (ISI) Chambers. ISI does not prohibit installing stone as backfill, this is considered to exceed ISI's minimum installation criteria, much in the same way as if a contractor chooses to backfill with ASTM C33 sand in lieu of native backfill.

With regards to the usage of aggregate backfill with ISI Chambers please note the following:

- The use of stone aggregate is acceptable to ISI as backfill around chambers. Aggregate shall not be placed under the chambers, only along the sidewalls and over the chamber.
- The aggregate shall be clean washed stone not exceeding 2 ½" in size.
- Use of limestone is prohibited.
- If the aggregate is larger than ¾" then the use of filter cloth is required over the stone.
- All other installation procedures should follow ISI's typical installation instructions.
- Backfilling with stone will not void the product warranty.

The use of aggregate backfill along the sidewall will not negatively affect sidewall infiltration and therefore will not affect the EISA rating(s) currently assigned to the chambers.

Questions should be directed to Infiltrator Systems Inc. Technical Resources Department at the number listed below.

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