Example Format for Responses to Review Comments

"This is my manuscript title"
"Here are the author names"

(It is important that you refer to line numbers in your response list. If a change was made, indicate exactly where it was made in your manuscript so that we can easily find it. Indicate line numbers; if these have changed in the revised version, please indicate two line numbers, referring to both the old and revised version (a version with tracked changes of the document with All Markup shown.)

Reviewer#l

1) The results are relevant but no sizing should be based on these results alone because hydrogeological characteristics of each site are unique. Site specific assessment is critical for all sites. I suggest restricting results to the particular site you studied.

RESPONSE: AGREE AND CHANGES MADE (lines 51, 83, 300)
Statements were added to the Abstract, last paragraph of the introduction, and the Conclusions, that the results of this study are site specific.

2) The reasons for some assumptions in the conceptual model are not mentioned. Assumptions should be listed.

RESPONSE: AGREE AND CHANGES MADE
Discussion was added regarding the assumptions and rationale, including 1. Evapotranspiration set to zero (line 153), 2. Fiat water table (line 182), 3.Hydrostatic initial conditions (line 183), and 4. Time discretization and convergence criteria (lines 188-191).

Reviewer#2

1) Line 42 - the soil or the unsaturated zone? I think unsaturated zone is better.

RESPONSE: CHANGE MADE (line 44)-"soil'' replaced with "unsaturated zone".

2) Line 47-isn't 'clogging layer' better than sedimentation layer?

RESPONSE: NO CHANGE MADE - Sedimentation layer was used throughout and is commonly used notation. Clogging is a result of sedimentation.

3) Lines 132-134. Is it OK to neglect evaporation?

RESPONSE: NO CHANGE MADE - Yes, we believe that it is acceptable to neglect evaporation. Since the ponding in all model runs was approximately 24 hours, estimates of evaporation over this short ponding duration would be minimal compared with the volume of water infiltrated.

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