

1 **Response to reviewer’s comments on “Physical Modeling of Sand Columns**
2 **Application in Recharge Reservoir to Prevent Seawater Intrusion, Reference**
3 **No: WS-EM21174R1”, Paper, by Yusuf et al.**

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5 Dear Dr Natasha Healy,

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7 We are pleased to resubmit an improved manuscript on our investigation of sand column
8 application in recharge reservoir to overcome seawater intrusion using sand-tank physical
9 modelling and validated by numerical modelling of SEAWAT.

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11 We have addressed the comment (given in italics) from the reviewer and our responses are
12 detailed below. We acknowledge that the reviewer input allowed for significant improvements to
13 be made to this article.

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15 Best wishes,

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17 Hamzah Yusuf

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20 **Reviewer 1:**

21 *The revised version of the manuscript was evaluated: improvement of the discussion and of*
22 *literature review was deemed necessary before possible acceptance for publication.*

23 Response:

24 Thank you for your suggestion and we have revised the manuscript including some additions in
25 the literature review in Line 85 to 98 and also in the discussion part in Line 304 to 307.

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