Interactive comment on “Optimal well locations using genetic algorithm for Tushki Project, Western Desert, Egypt” by S. Khalaf and M. I. Gad

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(1) The language of the paper needs to be improved with correct grammar and proper formulation of sentences.

(2) Drainage network may be included in the study area map.

(3) Please review the following statement on line number 25 on page 8 - "general groundwater flow is from SW to NE direction (also similar statement on line 20 on page 10)" - however from Figure 4, the groundwater flow direction appears to be SE to NW ???

(4) Please correct the following statement on line numbers 26-28 on page 8 - "The
groundwater flow rate was estimated as 0.044 m/day (near Nasser Lake) and decreased to 0.044 m/day towards northwestern parts" (both figures are mentioned as 0.044 ???).

(5) Variable head boundary is not visible in Figure 5 on page 35.

(6) "El-Sabry" (2010) in the Reference list has been mentioned as "El-Sabri" in the text (on pages 8, 16, 34). Please correct the name.

(7) Few study area features (lake location/drainage) may be included in Figure 10 on page 41.

(8) The following references are missing from the reference list -

Holland (1975) - mentioned on line number 7 on page 3  
Karahan and Ayvaz (2005) - mentioned on line number 13 on page 4  
Ayvaz and Karahan (2008) - mentioned on line number 14 on page 4  
WRRI (2002) - mentioned on line number 11 on page 9  
DRC (2012) - mentioned on line number 11 on page 10 and line number 10 on page 11

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