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Interactive comment on "Surface water as a cause of land degradation from dryland salinity" *by* J. Nikolaus Callow et al.

Anonymous Referee #2

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This manuscript presents information that supports the important role of surface water process facilitating dryland salinity and land degradation in drylands and low gradient landscapes. The topic is interesting, the manuscript is well written and organized and suits the journal scope. I found it suitable for publication. I have some minor comments to be addressed: L155 "salt can move salt" can be replaced by "salts are moved"? L 220, Fig 1, since I am not familiar with the study site, I would like to see a map at an intermediate scale showing information about the topographic gradient. For example: where is the valley, where the hillslope? which is the direction of the water/salt movement in the watershed? L280 please indicate the flow also in number of days, month and years instead of %. L335: the authors stayed that at stage 3 the system dry-out, however, the cumulative rainfall increased and there was also a rainfall episode but

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Discussion paper

there were no loggers to record the groundwater-surface interaction. Figure 6- legend: replace Qq by Qg, define Qt It would be good to see more in the discussion section about the *practical* consequences of the new insight flow-fill-flood

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