

Interactive comment on “The effect of drought on dissolved organic carbon (DOC) release from peatland soil and vegetation sources” by Jonathan P. Ritson et al.

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We would like to thank the reviewer for taking the time to comment on our manuscript. The reviewer’s main points stem from the inclusion of some discussion in the results section and our reasoning for repeating the control conditions.

We will be happy to separate the results and discussions more clearly in an updated manuscript and also address the ‘specific’ and ‘technical’ comments listed by the reviewer. The reasoning for performing our additional experiment has been covered in our response to reviewer #2. As we found differences in removal efficiency via coagulation between this experiment and our previous work (Ritson et al. 2016), we wanted to test the hypothesis that any amount of oxygenation can affect DOC quality from

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peat soils. We feel removing this experiment from the manuscript would detract from its value as we would then be only speculating on the reasons for the difference in findings between the two papers.

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