



THE UNIVERSITY OF  
**WAIKATO**  
*Te Whare Wānanga o Waikato*

## Co-Authorship Form

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This form is to accompany the submission of any PhD that contains research reported in published or unpublished co-authored work. **Please include one copy of this form for each co-authored work.** Completed forms should be included in your appendices for all the copies of your thesis submitted for examination and library deposit (including digital deposit).

Please indicate the chapter/section/pages of this thesis that are extracted from a co-authored work and give the title and publication details or details of submission of the co-authored work.

Chapter 4 : Ratcliffe, J.L., Campbell, D.I., Schipper, L.A., Wall, A.M. and Clarkson, B.R., 2019. Recovery of the CO2 sink in a remnant peatland following water table lowering. *Science of The Total Environment*, p.134613.

Nature of contribution  
by PhD candidate  
Extent of contribution  
by PhD candidate (%)

Collected new data, re-processed old data and analysed data, wrote the paper

90%

### CO-AUTHORS

Name	Nature of Contribution
David I. Campbell	Conceived the project, advised on data analysis and presentation, provided input and commented on the final manuscript
Beverley R. Clarkson	Offered advice throughout the project, contributed to section of manuscript regarding plants, commented on the final manuscript
Aaron M. Wall	Helped with the data processing and commented on the final manuscript
Louis A. Schipper	Offered advice on manuscript structure and content, commented on the final manuscript

### Certification by Co-Authors

The undersigned hereby certify that:

❖ the above statement correctly reflects the nature and extent of the PhD candidate's contribution to this work, and the nature of the contribution of each of the co-authors; and

Name	Signature	Date
Joshua L. Ratcliffe		02/04/2020
Louis Schipper		03/04/2020
Aaron Wall		03/04/2020
Beverley Clarkson		03/04/2020
David Campbell		05/04/2020