

Interactive comment on “Runoff- and erosion-driven transport of cattle slurry: linking molecular tracers to hydrological processes” by C. E. M. Lloyd

Anonymous Referee #3

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General comments This manuscript is well written with clearly stated objectives and hypotheses. Some specific and technical comments are below. I recommend acceptance of the manuscript for Biogeosciences after addressing the comments below.

Specific comments P16610 L7-10: What could be the reason for no NO₃ production. Please elaborate. P16617 L5-8: This statement is unclear. Revise it. P16617 L19: Suggest including the data as a table/figure P16618 L28: Suggest including the data as a table/figure P16621 L20-24: Can the same result be expected in the natural field situation? If not, please add some insights on these lines. P16624 L9-12: Does this dilution effect also reflect in the C and N content of the slurry reported in Table 1?

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Technical corrections P16605 L20: Replace ‘environmental’ with ‘environment’ P16608 L13: Change ‘is was’ to ‘was’ P16615 L24: It appears that ‘is’ doesn’t fit well in this sentence. P16617 L2: Change ‘raised significantly above’ with ‘significantly higher than’ P16619 L1: Something is missing between ‘pattern’ and ‘the’ P16619 L16: Table 1 or Table 2? Fig. 4, 5, 6, 8: Suggest increasing the font size of the axis labels and legends.

Interactive comment on Biogeosciences Discuss., 12, 16603, 2015.

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