Accepted Manuscript

Title: The effects of extrinsic factors on the structural and mechanical properties of *Pseudomonas fluorescens* biofilms: a combined study of nutrient concentrations and shear conditions

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PII: S0927-7765(18)30110-3

DOI: https://doi.org/10.1016/j.colsurfb.2018.02.035

Reference: COLSUB 9175

To appear in: Colloids and Surfaces B: Biointerfaces

Received date: 29-7-2017 Revised date: 17-1-2018 Accepted date: 14-2-2018

Please cite this article as: Ashley Allen, Olivier Habimana, Eoin Casey, The effects of extrinsic factors on the structural and mechanical properties of Pseudomonas fluorescens biofilms: a combined study of nutrient concentrations and shear conditions, Colloids and Surfaces B: Biointerfaces https://doi.org/10.1016/j.colsurfb.2018.02.035

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ACCEPTED MANUSCRIPT

The effects of extrinsic factors on the structural and mechanical properties of *Pseudomonas fluorescens* biofilms: a combined study of nutrient concentrations and shear conditions

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Number of words in manuscript: 6260 (including references)

Number of Tables: 2

Number of Figures: 4

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