Journal of Visualized Experiments May 31, 2016

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Dear Editor,

Please find attached the manuscript *Membrane Diffusion Chambers and Above Ground Mesocosms for the Study of Microbial Responses to Groundwater Geochemistry*. I am submitting this manuscript for publication consideration in the Journal of Visualized Experiments.

I was originally contacted by Ms. Alison Hamlin after the publication of a manuscript in which I described the design and construction of a novel above ground mesocosm and diffusion chambers that permit the study of the effects of geochemical variables in groundwater from depths reaching 200 meter below surface on physiological responses of microorganisms. The submitted manuscript describes, in detail, the design and construction of the above ground mesocosm and diffusion chambers and how these were used to determine inactivation rates of E. coli when exposed to anaerobic and extremely reduced groundwater.

I look forward to interacting with Ms. Hamlin and your staff as this manuscript progresses through the review and video process. However, I do realize that the final decision for publication and video production is dependent upon the peer review process.

Sincerely,

John Lisle, PhD

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