

Supplementary Materials: Rapidly Pulsed Pumping Accelerates Remediation in A Vertical Circulation Well Model

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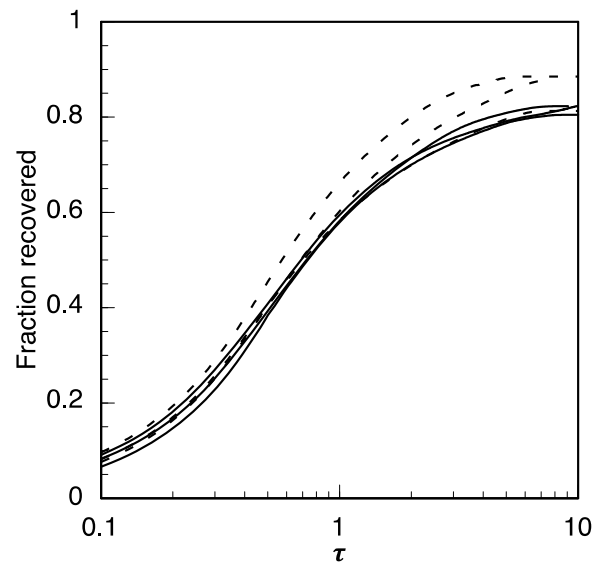


Figure S1. The recovery for each trial, three under steady flow (solid) and three under pulsed flow (dashed).

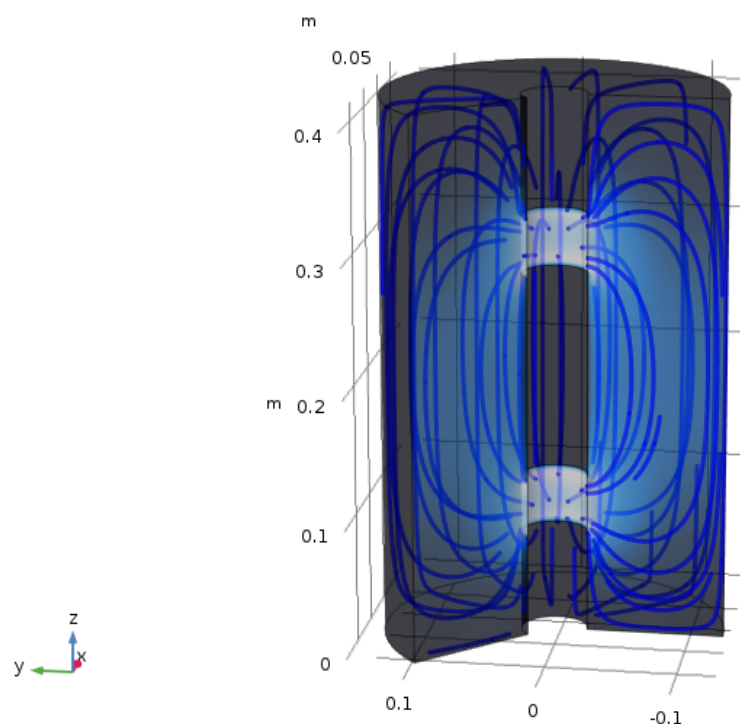


Figure S2. The dipole flow shown by streamlines and velocity for the CFD simulation of the simulated physical VCW tank, $r = 0.129$ m. Color scale is velocity in m/s and the grid is labeled in m. This alternative color scale is best viewed on a computer monitor.

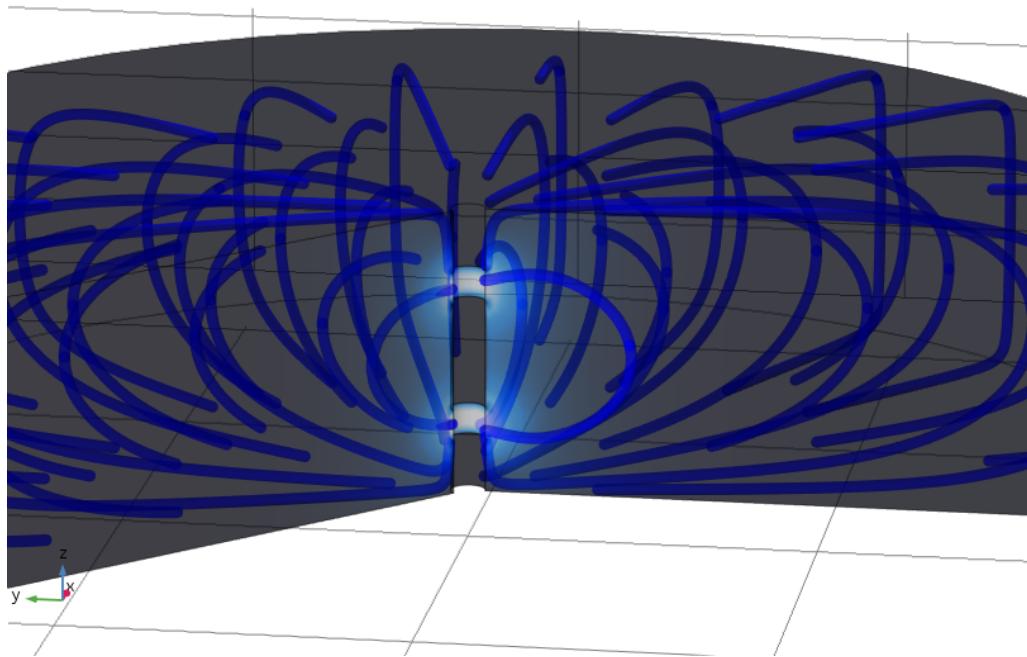


Figure S3. The dipole flow shown by streamlines and velocity for the CFD simulation of the large-domain VCW, $r = 1.000$ m. Color scale is velocity in m/s and the grid is labeled in m. This alternative color scale is best viewed on a computer monitor.



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