**Colonization and growth of dehalorespiring biofilms on carbonaceous sorptive amendments**

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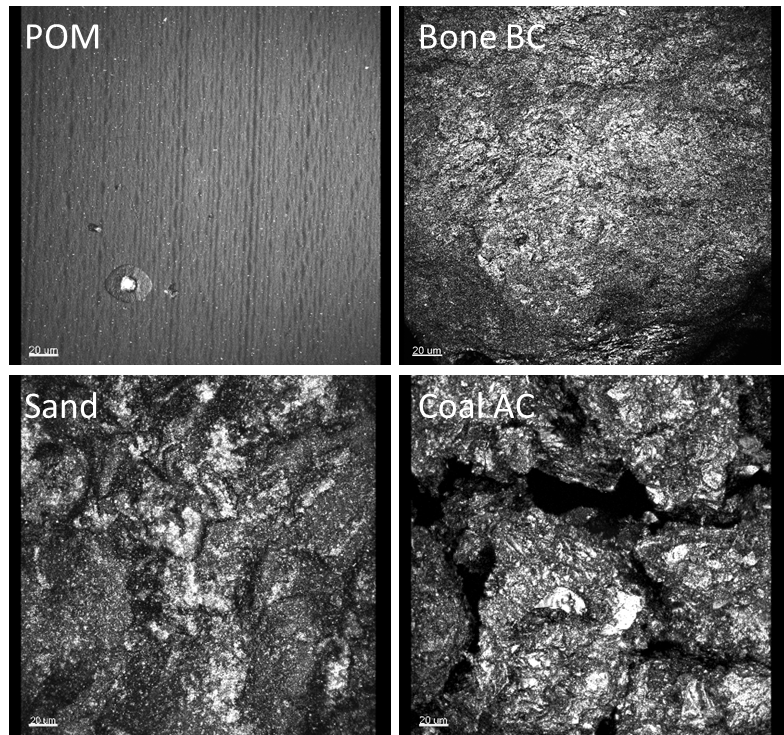
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Dehalorespiring biofilms; Activated carbon; Polychlorinated biphenyls (PCBs); Quantitative Confocal laser scanning microscopy (Q-CLSM); Contaminated sediment.

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**Supporting Information**

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**Figure S1.** CLSM imaging of the negative controls of the applied materials: POM, Bone BC, sand and coal AC. The results showed that non-selective binding of SYBR Green nucleic acid stain to cellular materials and materials did not occur (n=5). Scale bar = 20 µm.



**Figure S2.** Scanning Electron Microscopy image showing *Dehalobium chlorocoercia* DF-1 biofilm formed on applied materials: POM, Bone BC, sand and coal AC. Images from Left to Right: The scale bar is 10 µm for Coal AC, 1 µm for Bone BC, 1 µm for Sand, and 1 µm for POM.