

Enhancement of Pentachlorophenol Removal in a Historically Contaminated Soil by Adding Ascorbic Acid to H₂O₂/Magnetite System

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Table S1. Physico-chemical characteristics of the PCP-contaminated soil.

Parameter	Value
Sampling location	Timber facility, Waikato Region, New Zealand
Soil type	Loamy sand (87 wt% sand, 12.4 wt% silt, and 0.6 wt% clay)
PCP contamination	6 mg kg ⁻¹
pH	7.2
Soil organic matter	1.5 wt%
CaCO ₃	0.3 wt%
Cation exchange capacity	4.0 meq/100g
Exchangeable cations	CaO (1337 mg kg ⁻¹) > K ₂ O (64 mg kg ⁻¹) > MgO (36 mg kg ⁻¹) > P ₂ O ₅ (8 mg kg ⁻¹)
Metals	Zn (39 mg kg ⁻¹) > Cu (19 mg kg ⁻¹) > Cr (13.4 mg kg ⁻¹) > Fe (9.8 g kg ⁻¹) > Pb (5 mg kg ⁻¹)