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The performance of ammonium exchanged zeolite for the biodegradation of petroleum hydrocarbons migrating in soil water

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Highlights

- Controlled nitrogen release was achieved using ammonium exchanged zeolite.
- Biofilm formation was accelerated on ammonium exchanged zeolite over natural zeolite.
- Biodegradation of Antarctic diesel proceeded rapidly with elevated nitrogen levels.
- Bioremediation is shown to be enhanced within PRBs.

Abstract

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