

Sustainable Methods for Land Reclamation

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This study utilizes the root system of common plants to distribute special beneficial microorganisms (bacteria) that can destroy chemical



carcinogens that enter the soil accidentally through spills or improper waste disposal. This study will provide a new technology utilizing an engineered biological system of plants and microorganisms to decontaminate and restore damaged lands, to prevent contamination of ground water, and to ensure safe societal use of previously impacted lands in Utah.