

Plant Uptake of Petroleum Hydrocarbons and Salt (NaCl) and Derivation of Soil-to-Plant Uptake Factors

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Environmental Risk Assessment (ERA) is a specialized tool that can be used for management of contaminated sites, including oil and gas facilities and spill sites. The process involves identification of site-specific receptors (human and ecological), contaminants of concern, and exposure pathways through which receptors may come into contact with contaminants. This information is then used to qualitatively and/or quantitatively evaluate health risk. Ultimately, the goal for most sites where ERA is used is to obtain regulatory closure (and decrease environmental liability).

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