



## Waste and Cleanup Risk Assessment

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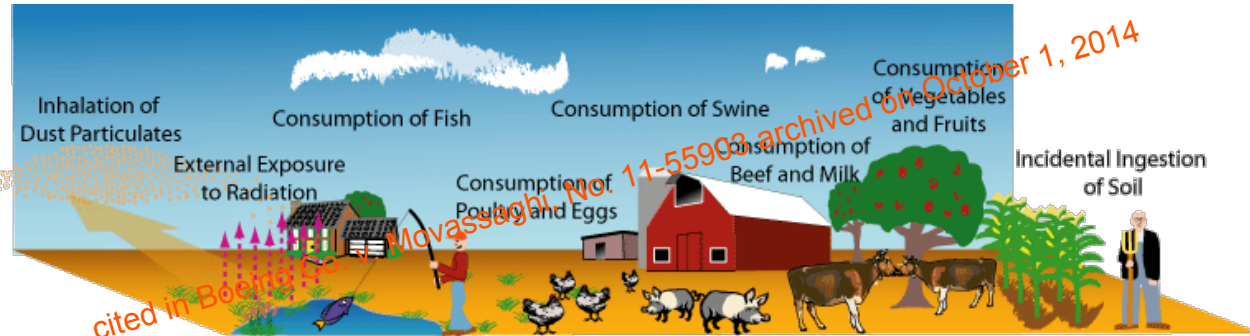
# Preliminary Remediation Goals for Radionuclides

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**This website is under development. New slope factors and exposure parameters are being loaded. Tables will be provided when calculator results are verified.**

## Agricultural Biota, Soil and Water Graphic and Supporting Text

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Agricultural. The agricultural use scenario should be considered an extension of the residential use scenario and evaluates consumption of farm products for a subsistence farmer. Like the resident, the agricultural receptor assumes the receptor will be exposed via the following pathways: incidental ingestion of soil, external radiation from contaminants in soil, inhalation of fugitive dust and consumption of home grown produce (100% of fruit and vegetables). In addition to produce, 100% of consumption of the following are also considered: beef, milk, fish, swine, egg and poultry. All feed (100%) for farm products is considered to have been grown on contaminated portions of the site. For these farm products, risk based PRGs are provided for the environmental media (soil and water) and the farm product itself (vegetables, beef, milk, etc.) which may contribute contaminants to the products. Also like the resident, age adjusted intake equations were developed for all of the ingestion/consumption equations to account for changes in intake as the receptor ages.

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