OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
SPECIAL INSTRUCTION SHEET

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Submitter attests to the completeness and accuracy of the data contained on the enclosed CD/Diskette.

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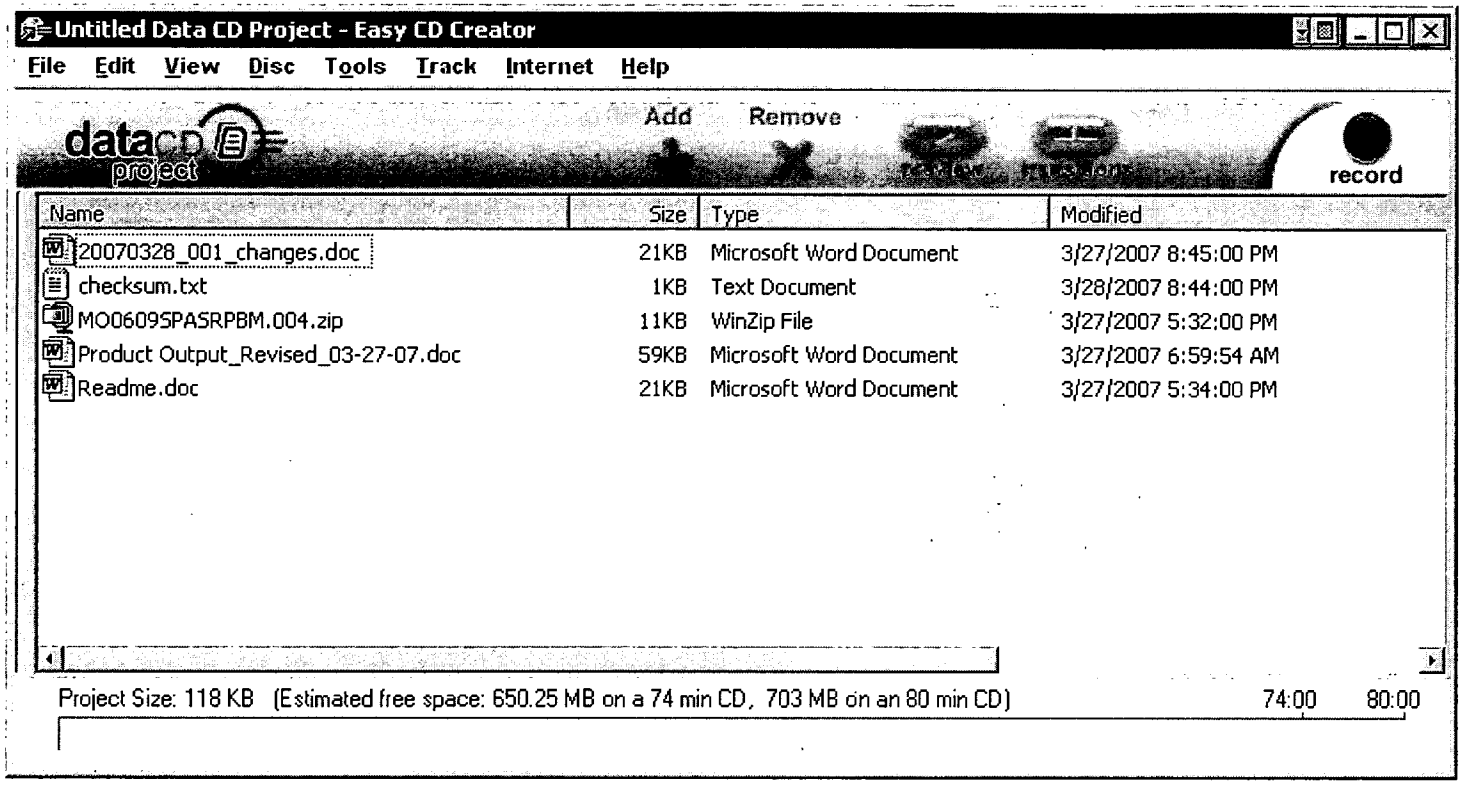
Product Output of
Soil-Related Input Parameters for the Biosphere Model
ANL-NBS-MD-000009

Soil-Related Input Parameters for the Biosphere Model, ANL-NBS-MD-000009 developed distributions for the following six parameters for the biosphere model: soil bulk density, partition coefficient, soil erosion rate, enhancement factor for resuspension, volumetric water content of soil, and irrigation duration. These distributions quantify the uncertainties in the parameter values appropriate for the region and for the condition for which they were developed.

The values and distributions developed for these six soil-related parameters support the biosphere model that is consistent with arid or semi-arid climates. The parameter values are the same for the range of climate conditions supported by the biosphere model. This constitutes a restriction for subsequent use of the recommended parameter distributions. The developed distributions of input parameters are intended for use in the biosphere model and are appropriate for the assessment context as well as conceptual and mathematical model representations for which they were developed (see *Soil-Related Input Parameters for the Biosphere Model,* ANL-NBS-MD-000009, for further details).

DTN: MO0609SPASRPBM.004 **TDIF: 318771**



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