

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
ENVIRONMENTAL RESTORATION
REGULATORY CONTACT RECORD**

Date/Time: March 3, 2004 1 30 PM

Site Contact(s): Lane Butler
Phone: 303-966-5245

Regulatory Contact: Carl Spreng
Phone: 303-692-3358

Agency: CDPHE

Purpose of Contact: Sum-Of-Ratios for Subsurface Radiological Contaminants

Discussion

The recent agreement on Sum-Of-Ratios (SOR) for non-radiological contaminants clearly stated that the SORs were to be calculated for surface soils only

Because the Subsurface Soil Risk Screen addresses radiological contamination below 3 feet, we agreed that it is generally not appropriate to calculate SORs for radionuclides in subsurface soil. However, the possibility exists where radiological contaminants below 3 feet may be less than action levels, but they may have a calculated SOR greater than 1 and may be located in an erodible area. While this is a remote possibility, the risk screen would miss this condition. Therefore, such instances, if encountered, will be handled on a case-by-case basis.

We also agreed that the first two sampling intervals, 0 – 0.5 feet and 0.5 – 2.5 feet, will normally be used to calculate SORs for radionuclides. SORs for the third interval, 2.5 – 4.5 feet will not be included in the calculation unless unusual contaminant distributions are found that would indicate otherwise.

Contact Record Prepared By: Lane Butler

Required Distribution

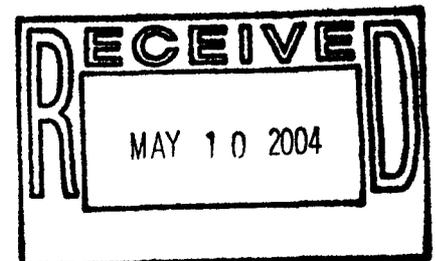
| | | |
|-----------------------|---------------------|----------------------|
| S Bell, RFFO | M Keating, K-H RISS | A Primrose, K-H RISS |
| J Berardini, K-H | G Kleeman, USEPA | T Rehder, USEPA |
| L Brooks, K-H ESS | D Kruchek, CDPHE | S Serreze, RISS |
| M Broussard, K-H RISS | D Mayo, K-H RISS | D Shelton, K-H |
| L Butler, K-H RISS | R McCalister, DOE | C Spreng, CDPHE |
| G Carnival, K-H RISS | J Mead, K-H ESS | S Surovchak, RFFO |
| N Castaneda, RFFO | S Nesta, K-H RISS | K Wiemelt, K-H RISS |

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C Deck, K-H Legal
R DiSalvo, RFFO
S Gunderson, CDPHE

L Norland, K-H RISS
K North, K-H ESS
E Pottorff, CDPHE

C Zahm, K-H



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