

Table F-26. Environmental Data for D-Area Oil Seepage Basin

Waste site	Areal extent of site (m)	Distance to nearest wetland (m)	Area of wetlands within 200 m/1000 m (acres)	Endangered species data	Non-PATHRAE-modeled groundwater contaminants exceeding freshwater biota criteria ^a			Area of groundwater outcrop; distance to outcrop	Dilution factor ^d
					Contaminant	Reported level ^b	Criterion ^c		
D-Area oil seepage basin ^e	16.4 x 116.7	50	5.5/49.5	No endangered species seen in vicinity of site and no suitable habitat within vicinity	pH	4.50	6.5 - 9.0	Savannah River; 2100	2.31 x 10 ⁻⁶
					Copper	0.008	0.0022		
					Mercury	0.0002	0.000012		
					Lead	0.012	0.00026		

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^aConcentrations are in milligrams per liter for chemicals and picocuries per liter for radionuclides.

^bAverage value for groundwater well containing highest concentration.

^cBased on ICRP 30, 1978; EPA, 1985b,c; National Technical Advisory Committee, 1968.

^dEquivalent to groundwater flux divided by flow rate of receiving stream.

^eData from Huber, Johnson, and Bledsoe, 1987, except as otherwise indicated.