

Table A-10. F-Area Seepage Basin Contaminant Potential^a

Parameter	Contamination potential	Known releases from process	Concentration in process streams ^b	Number of wells failing student's t-test
pH	Probable	2-2.7	2.8-11	3
Total dissolved solids	Probable	--	--	2
Cadmium	Improbable	None known	Not detectable	2
Copper	Possible	Infrequent	<0.001-0.3 ppm	2
Manganese	Possible	Infrequent	0.0004-2 ppm	2
Sodium	Probable	Frequent ^c	0.004-30 ppm	2
Nickel	Possible	None known	<0.0007-0.3 ppm	1
Zinc	Possible	Frequent	<0.001-2 ppm	1
Fluoride	Possible	Frequent	--	1
Nitrate	Probable	Frequent ^c	43-93,000 ppm	2
Gross alpha	Probable	Frequent	<1-2,250 d/mL	2
Gross beta	Probable	Frequent	--	2
Radium	Probable	Frequent	--	2
Foaming agents	Possible	Past ^d	--	1
Phenol	Improbable	None known	--	1

^aAdapted from Du Pont, 1985a.

^bKey: ppm, parts per million; d/mL, disintegrations per milliliter.

^cIn excess of 454 kilograms per year.

^dLaundry facilities discharged to basin prior to 1982.

Table A-11. H-Area Seepage Basin Contaminant Potential^a

Parameter	Contamination potential	Known releases from process	Concentration in process streams ^b	Number of wells failing student's t-test
pH	Probable	3.0-8.4	2.8-11	3
Conductivity	Probable	--	--	2
Total dissolved solids	Probable	--	--	2
Chloride	Possible	Frequent ^c	--	1
Iron	Possible	Frequent ^c	<0.01-1.8 ppm	1
Mercury	Probable	Infrequent	5-6 ppm	1
Manganese	Possible	Infrequent	<0.01-38 ppm	1
Sodium	Probable	Frequent ^c	<0.1-3,260 ppm	3
Nitrate	Probable	Frequent ^c	0.1-18,000 ppm	2
Gross alpha	Probable	Frequent	<5 d/ml	1
Gross beta	Probable	Frequent	--	1
Radium	Probable	Frequent	--	2

^aAdapted from Du Pont, 1985a.

^bKey: ppm, parts per million; d/mL, disintegrations per milliliter.

^cIn excess of 454 kilograms per year.