Table 4.4. Chemical Classification of Waste Sites

Site Name	Waste Type Name	Kd Switch Depth (m)*
207-U	Low Organic - Low Salts - Near Neutral	0.0
216-A-1	Low Organic - Low Salts - Near Neutral	0.0
216-A-10	Low Organic - Low Salts - Near Neutral	0.0
216-A-18	Low Organic - Low Salts - Near Neutral	0.0
216-A-19	Low Organic - Low Salts - Near Neutral	0.0
216-A-2	High Organic - Near Neutral	0.0
216-A-20	Low Organic - Low Salts - Near Neutral	0.0
216-A-21	Low Organic - Low Salts - Near Neutral	0.0
216-A-24	High Organic - Near Neutral	0.0
216-A-25	Low Organic - Low Salts - Near Neutral	0.0
216-A-27	Low Organic - Low Salts - Near Neutral	0.0
216-A-28	Low Organic - Low Salts - Near Neutral	0.0
216-A-3	Low Organic - Low Salts - Near Neutral	0.0
216-A-30	Low Organic - Low Salts - Near Neutral	0.0
216-A-31	High Organic - Near Neutral	0.0
216-A-36A/B	Low Organic - Low Salts - Near Neutral	0.0
216-A-37-1	Low Organic - Low Salts - Near Neutral	0.0
216-A-37-2	Low Organic - Low Salts - Near Neutral	0.0
216-A-4	Low Organic - Low Salts - Near Neutral	0.0
216-A-45	Low Organic - Low Salts - Near Neutral	0.0
216-A-5	Low Organic - Low Salts - Near Neutral	0.0
216-A-6	Low Organic - Low Salts - Near Neutral	0.0
216-A-7	High Organic - Near Neutral	0.0
216-A-8	High Organic - Near Neutral	0.0
216-A-9	Low Organic - Low Salts - Near Neutral	0.0
216-B-10A	Low Organic - Low Salts - Near Neutral	0.0
216-B-10B	Low Organic - Low Salts - Near Neutral	0.0
216-B-11A&B	Low Organic - Low Salts - Near Neutral	0.0
216-B-12	Low Organic - Low Salts - Near Neutral	0.0
216-B-14	Chelates - High Salts	0.0
216-B-15	Chelates - High Salts	0.0
216-B-16	Chelates - High Salts	0.0
216-B-17	Chelates - High Salts	0.0
216-B-18	Chelates - High Salts	0.0
216-B-19	Chelates - High Salts	0.0
216-B-20	Chelates - High Salts	0.0
216-B-21	Chelates - High Salts	0.0

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
216-B-2-1	Low Organic - Low Salts - Near Neutral	0.0
216-B-22	Chelates - High Salts	0.0
216-B-2-2	Low Organic - Low Salts - Near Neutral	0.0
216-B-23	Chelates - High Salts	0.0
216-B-2-3	Low Organic – Low Salts – Near Neutral	0.0
216-B-24	Chelates - High Salts	0.0
216-B-25	Chelates - High Salts	0.0
216-B-26	Chelates - High Salts	0.0
216-B-27	Chelates - High Salts	0.0
216-B-28	Chelates - High Salts	0.0
216-B-29	Chelates - High Salts	0.0
216-B-3	Low Organic - Low Salts - Near Neutral	0.0
216-B-30	Chelates - High Salts	0.0
216-B-31	Chelates - High Salts	0.0
216-B-32	Chelates - High Salts	0.0
216-B-33	Chelates - High Salts	0.0
216-B-34	Chelates - High Salts	0.0
216-B-35	Very High Salts - Very Basic	7.0
216-B-36	Very High Salts - Very Basic	7.0
216-B-37	Very High Salts - Very Basic	7.0
216-B-38	Very High Salts - Very Basic	7.0
216-B-39	Very High Salts - Very Basic	7.0
216-B-40	Very High Salts - Very Basic	7.0
216-B-41	Very High Salts - Very Basic	7.0
216-B-43	Chelates - High Salts	0.0
216-B-44	Chelates - High Salts	0.0
216-B-45	Chelates - High Salts	0.0
216-B-46	Chelates - High Salts	0.0
216-B-47	Chelates - High Salts	0.0
216-B-48	Chelates - High Salts	0.0
216-B-49	Chelates - High Salts	0.0
216-B-5	Very High Salts - Very Basic	0.0
216-B-50	Low Organic - Low Salts - Near Neutral	0.0
216-B-52	Chelates - High Salts	0.0
216-B-53A	Low Organic - Low Salts - Near Neutral	0.0
216-B-53B	Low Organic - Low Salts - Near Neutral	0.0
216-B-54	Low Organic - Low Salts - Near Neutral	0.0
216-B-55	Low Organic - Low Salts - Near Neutral	0.0

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
216-B-57	Low Organic - Low Salts - Near Neutral	0.0
216-B-58	Low Organic - Low Salts - Near Neutral	0.0
216-B-59	Low Organic - Low Salts - Near Neutral	0.0
216-B-60	Low Organic - Low Salts - Near Neutral	0.0
216-B-62	Low Organic - Low Salts - Near Neutral	0.0
216-B-63	Low Organic - Low Salts - Near Neutral	0.0
216-B-7A&B	Very High Salts - Very Basic	35.7
216-B-8	Very High Salts - Very Basic	33.0
216-B-9	Very High Salts - Very Basic	0.9
216-C-1	Very High Salts - Very Basic	0.0
216-C-10	Low Organic - Low Salts - Near Neutral	0.0
216-C-3	Low Organic - Low Salts - Near Neutral	0.0
216-C-4	High Organic - Near Neutral	0.0
216-C-5	Low Organic - Low Salts - Near Neutral	0.0
216-C-6	Low Organic - Low Salts - Near Neutral	0.0
216-C-7	Low Organic - Low Salts - Near Neutral	0.0
216-C-9	Low Organic - Low Salts - Near Neutral	0.0
216-N-2	Low Organic - Low Salts - Near Neutral	0.0
216-N-3	Low Organic - Low Salts - Near Neutral	0.0
216-N-4	Low Organic - Low Salts - Near Neutral	0.0
216-N-5	Low Organic - Low Salts - Near Neutral	0.0
216-N-6	Low Organic - Low Salts - Near Neutral	0.0
216-N-7	Low Organic - Low Salts - Near Neutral	0.0
216-S-1&2	Low Organic - Low Salts - Acidic	35.3
216-S-10D	Low Organic - Low Salts - Near Neutral	0.0
216-S-11	Low Organic - Low Salts - Near Neutral	0.0
216-S-12	Low Organic - Low Salts - Near Neutral	0.0
216-S-13	High Organic - Near Neutral	0.0
216-S-16P	Low Organic - Low Salts - Near Neutral	0.0
216-S-17	Low Organic - Low Salts - Near Neutral	0.0
216-S-19	Low Organic - Low Salts - Near Neutral	0.0
216-S-20	Low Organic - Low Salts - Near Neutral	0.0
216-S-22	Low Organic - Low Salts - Near Neutral	0.0
216-S-23	Low Organic - Low Salts - Near Neutral	0.0
216-S-25	Low Organic - Low Salts - Near Neutral	0.0
216-S-26	Low Organic - Low Salts - Near Neutral	0.0
216-S-3	Low Organic - Low Salts - Near Neutral	0.0
216-S-5	Low Organic - Low Salts - Near Neutral	0.0

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
216-S-6	Low Organic - Low Salts - Near Neutral	0.0
216-S-7	Low Organic - Low Salts - Near Neutral	0.0
216-S-8	Low Organic - Low Salts - Near Neutral	0.0
216-S-9	Low Organic - Low Salts - Acidic	32.9
216-T-1	Low Organic - Low Salts - Near Neutral	0.0
216-T-12	Low Organic - Low Salts - Near Neutral	0.0
216-T-14	Very High Salts - Very Basic	7.0
216-T-15	Very High Salts - Very Basic	7.0
216-T-16	Very High Salts - Very Basic	7.0
216-T-17	Very High Salts - Very Basic	7.0
216-T-18	Very High Salts - Very Basic	5.4
216-T-19	High Organic - Near Neutral	0.0
216-T-20	Low Organic - Low Salts - Near Neutral	0.0
216-T-21	Very High Salts - Very Basic	7.0
216-T-22	Very High Salts - Very Basic	7.0
216-T-23	Very High Salts - Very Basic	7.0
216-T-24	Very High Salts - Very Basic	7.0
216-T-25	Very High Salts - Very Basic	17.0
216-T-26	Chelates - High Salts	0.0
216-T-27	Low Organic - Low Salts - Near Neutral	0.0
216-T-28	Low Organic - Low Salts - Near Neutral	0.0
216-T-3	Very High Salts - Very Basic	0.0
216-T-32	Very High Salts - Very Basic	32.1
216-T-33	Low Organic - Low Salts - Near Neutral	0.0
216-T-34	Low Organic - Low Salts - Near Neutral	0.0
216-T-35	Low Organic - Low Salts - Near Neutral	0.0
216-T-36	Low Organic - Low Salts - Near Neutral	0.0
216-T-4B	Low Organic - Low Salts - Near Neutral	0.0
216-T-5	Very High Salts - Very Basic	26.3
216-T-6	Very High Salts - Very Basic	12.4
216-T-7	Very High Salts - Very Basic	20.0
216-T-8	Low Organic - Low Salts - Near Neutral	0.0
216-U-1&2	Low Organic - Low Salts - Acidic	22.7
216-U-10	Low Organic - Low Salts - Near Neutral	0.0
216-U-12	Low Organic - Low Salts - Near Neutral	0.0
216-U-15	High Organic - Near Neutral	0.0
216-U-16	Low Organic - Low Salts - Near Neutral	0.0
216-U-17	Low Organic - Low Salts - Near Neutral	0.0

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
216-U-3	Low Organic - Low Salts - Near Neutral	0.0
216-U-4A	Low Organic - Low Salts - Near Neutral	0.0
216-U-4B	Low Organic - Low Salts - Near Neutral	0.0
216-U-5	Low Organic - Low Salts - Near Neutral	0.0
216-U-6	Low Organic - Low Salts - Near Neutral	0.0
216-U-7	Low Organic - Low Salts - Near Neutral	0.0
216-U-8	Low Organic - Low Salts - Acidic	20.6
216-Z-1&2	High Organic - Near Neutral	0.0
216-Z-10	Low Organic - Low Salts - Near Neutral	0.0
216-Z-12	High Organic - Near Neutral	0.0
216-Z-16	Low Organic - Low Salts - Near Neutral	0.0
216-Z-17	Low Organic - Low Salts - Near Neutral	0.0
216-Z-18	High Organic - Very Acidic	10.0
216-Z-1A	High Organic - Very Acidic	1.0
216-Z-20	Low Organic - Low Salts - Near Neutral	0.0
216-Z-3	High Organic - Very Acidic	92.4
216-Z-4	Low Organic - Low Salts - Near Neutral	0.0
216-Z-5	Low Organic - Low Salts - Near Neutral	0.0
216-Z-6	Low Organic - Low Salts - Near Neutral	0.0
216-Z-7	High Organic - Very Acidic	98.5
216-Z-8	Low Organic - Low Salts - Near Neutral	0.0
216-Z-9	High Organic - Very Acidic	7.6
218-EC-9(a)**	Low Organic - Low Salts - Near Neutral	0.0
218-EC-9(b)***	Low Organic - Low Salts - Near Neutral	0.0
218-E-1(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-10(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-10(a)	Low Organic - Low Salts - Near Neutral	0.0
218-E-12A(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-12B(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-12B(a)	Low Organic - Low Salts - Near Neutral	0.0
218-E-2(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-4(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-5(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-5A(b)	Low Organic - Low Salts - Near Neutral	0.0
218-E-8(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-1(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-11(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-1A(b)	Low Organic - Low Salts - Near Neutral	0.0

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
218-W-2(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-2A(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-3(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-3A(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-3A(a)	Low Organic - Low Salts - Near Neutral	0.0
218-W-3AE(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-3AE(a)	Low Organic - Low Salts - Near Neutral	0.0
218-W-4A(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-4B-c(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-4B-c(a)	Low Organic - Low Salts - Near Neutral	0.0
218-W-4C(a)	Low Organic - Low Salts - Near Neutral	0.0
218-W-4C(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-5(b)	Low Organic - Low Salts - Near Neutral	0.0
218-W-5(a)	Low Organic - Low Salts - Near Neutral	0.0
218-W-7	Very High Salts - Very Basic	0.0
218-W-8	Low Organic - Low Salts - Near Neutral	0.0
218-W-9(b)	Low Organic - Low Salts - Near Neutral	0.0
TWRS glass grout vault	Low Organic - Low Salts - Near Neutral	0.0
TWRS glass new site	Low Organic - Low Salts - Near Neutral	0.0
US Ecology current	Low Organic - Low Salts - Near Neutral	0.0
US Ecology future	Low Organic - Low Salts - Near Neutral	0.0
ERDF	Low Organic - Low Salts - Near Neutral	0.0
C Reactor	Low Organic - Low Salts - Near Neutral	0.0
D Reactor	Low Organic - Low Salts - Near Neutral	0.0
DR Reactor	Low Organic - Low Salts - Near Neutral	0.0
F Reactor	Low Organic - Low Salts - Near Neutral	0.0
H Reactor	Low Organic - Low Salts - Near Neutral	0.0
KE Reactor	Low Organic - Low Salts - Near Neutral	0.0
KW Reactor	Low Organic - Low Salts - Near Neutral	0.0
N Reactor	Low Organic - Low Salts - Near Neutral	0.0
TK-A-S	Very High Salts - Very Basic	23.4
TK-A-L	Very High Salts - Very Basic	23.4
TK-A-R	Very High Salts - Very Basic	23.4
TK-AN-R-1	Chelates - High Salts	0.0
TK-AN-R-2	Very High Salts - Very Basic	23.0
TK-AP-R-1	Chelates - High Salts	0.0
TK-AP-R-2	Very High Salts - Very Basic	23.0
TK-AW-R	Very High Salts - Very Basic	23.0

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
TK-AX-S-1	Chelates - High Salts	0.0
TK-AX-S-2	Very High Salts - Very Basic	23.4
TK-AX-L-1	Chelates - High Salts	0.0
TK-AX-L-2	Very High Salts - Very Basic	23.4
TK-AX-R-1	Chelates - High Salts	0.0
TK-AX-R-2	Very High Salts - Very Basic	23.4
TK-AY-R-1	Chelates - High Salts	23.0
TK-AY-R-2	Very High Salts - Very Basic	23.0
TK-AZ-R	Very High Salts - Very Basic	23.0
TK-B-S	Very High Salts - Very Basic	29.7
TK-B-L	Very High Salts - Very Basic	29.7
TK-B-R	Very High Salts - Very Basic	29.7
TK-BX-S	Very High Salts - Very Basic	27.5
TK-BX-L	Very High Salts - Very Basic	27.5
TK-BX-R	Very High Salts - Very Basic	27.5
TK-BY-S	Very High Salts - Very Basic	25.7
TK-BY-L	Very High Salts - Very Basic	25.7
TK-BY-R	Very High Salts - Very Basic	25.7
TK-C-S-1	Chelates - High Salts	29.7
TK-C-S-2	Very High Salts - Very Basic	29.7
TK-C-L-1	Chelates - High Salts	29.7
TK-C-L-2	Very High Salts - Very Basic	29.7
TK-C-R-1	Chelates - High Salts	0.0
TK-C-R-2	Very High Salts - Very Basic	29.7
TK-S-S	Very High Salts - Very Basic	25.7
TK-S-L	Very High Salts - Very Basic	25.7
TK-S-R	Very High Salts - Very Basic	25.7
TK-SX-S-1	Chelates - High Salts	0.0
TK-SX-S-2	Very High Salts - Very Basic	23.4
TK-SX-L-2	Very High Salts - Very Basic	23.4
TK-SX-R-1	Chelates - High Salts	0.0
TK-SX-R-2	Very High Salts - Very Basic	23.4
TK-SY-R-1	Chelates - High Salts	0.0
TK-SY-R-2	Very High Salts - Very Basic	23.0
TK-T-S	Very High Salts - Very Basic	29.7
TK-T-L	Very High Salts - Very Basic	29.7
TK-T-R	Very High Salts - Very Basic	29.7
TK-TX-S	Very High Salts - Very Basic	25.7

Table 4.4. (contd)

Site Name	Waste Type Name	Kd Switch Depth (m)*
TK-TX-L	Very High Salts - Very Basic	25.7
TK-TX-R	Very High Salts - Very Basic	25.7
TK-TY-S	Very High Salts - Very Basic	25.7
TK-TY-L	Very High Salts - Very Basic	25.7
TK-TY-R	Very High Salts - Very Basic	25.7
TK-U-S	Very High Salts - Very Basic	29.7
TK-U-L	Very High Salts - Very Basic	29.7
TK-U-R	Very High Salts - Very Basic	29.7

* Refers to depth below ground surface at which the site's K_d is assumed to switch from near-field to far-field values.

** (a) refers to waste disposed after September 30, 1988.

*** (b) refers to waste disposed before September 30, 1988.