

Table 4.26. 1995 K-25 Site NPDES Permit Number TN 0002950 toxicity tests results

K-25 Site Outfall	Test date	Species	NOEL^a (%)	LC₅₀^b (%)	IWC^c (%)
K-1407-J (Outfall 011)	May	Fathead minnow	75	>75	0.72
		<i>Ceriodaphnia</i>	25	>25	0.72
	November	Fathead minnow	75	>75	0.00018
		<i>Ceriodaphnia</i>	75	>75	0.00018
K-1203 (Outfall 005)	January	Fathead minnow	100	>100	2.91
		<i>Ceriodaphnia</i>	100	>100	2.91
	March	Fathead minnow	100	>100	1.99
		<i>Ceriodaphnia</i>	100	>100	1.99
	May	Fathead minnow	100	>100	2
		<i>Ceriodaphnia</i>	100	>100	2
	July	Fathead minnow	100	>100	1.6
		<i>Ceriodaphnia</i>	100	>100	1.6

^aNo-observable-effect level.

^b96-hour lethal concentration for 50% of the test organisms.

^cInstream waste concentration (based on critical low flow of Poplar Creek).