

Table 6.10. 1995 chemical hazard quotients and I/CDI for drinking water^a

Chemical	Hazard quotient and I/CDI ratios				
	CRK 84 ^b	CRK 58 ^c	CRK 23 ^d HQ	CRK 23 ^d I/CDI	CRK 16 ^e
<i>Metals</i>					
Aluminum	2.2E+00	9.6E-01	7.3E-01		1.6E+00
Arsenic		~4.7E+00			
Barium	1.4E-02	1.2E-02	1.3E-02		1.4E-02
Chromium		~3.2E-02			~2.5E-02
Copper	~4.9E-03				
Iron	1.7E+00	7.9E-01	6.4E-01		1.4E+00
Manganese	6.0E-02	2.5E-02	2.4E-02		3.9E-02
Mercury	~3.5E-02	~2.8E-02			~2.5E-01
Selenium	~2.8E-01				
Uranium	1.4E-03	~1.5E-03	~2.9E-03		~1.9E-03
Vanadium	~9.4E-03	~1.0E-02	~8.2E-03		~9.0E-03
Zinc	~1.6E-03	~5.0E-04	~5.3E-04		~8.9E-04
<i>Anions</i>					
Chloride	1.9E-02	1.6E-02	1.6E-02		1.5E-02
Fluoride	~5.5E-02	~4.6E-02	~4.6E-02		
Nitrate	3.8E-02	2.9E-02	6.7E-02		3.4E-02
Sulfate	3.8E-02	4.0E-02	4.0E-02		3.8E-02
<i>Volatile organics</i>					
2-Butanone	~2.0E-04	~2.7E-04	~2.3E-04		~2.2E-04
Acetone	~2.2E-03	~2.3E-03	~2.4E-03		
Benzene				~3.6E-01	
Carbon disulfide	~1.2E-03		~1.3E-03		

^a A tilde (~) indicates that estimated values and/or detection limits were used in the calculation.

^b Melton Hill Reservoir above all DOE inputs.

^c Water supply intake for Knox County.

^d Water supply intake for K-25 Site.

^e Clinch River downstream of all DOE inputs.