

Table 2. Detection limits for the 60 pesticide and pesticide degradates for which samples from the public water-supply wells were analyzed, June-July 1999.

[ESA, ethanansulfonic acid; OA, oxanilic acid. Detection-limit concentrations (in parentheses) are in micrograms per liter. Laboratory methods used in this study resulted in low and (or) inconsistent recovery for five pesticides—carbaryl, carbofuran, deethylatrazine, terbacil and azinphos-methyl; concentrations reported for these compounds are considered estimates and may be lower than the true concentration (Chris Lindley, U.S. Geological Survey, written commun., 1994.)]

Pesticide	Detection limit	Pesticide	Detection limit	Pesticide	Detection limit	Pesticide	Detection limit
A. Gas Chromatography/Mass Spectrometry U.S. Geological Survey National Water Quality Laboratory, Denver, Colo.							
Acetochlor	(0.002)	Deethylatrazine*	(0.002)	Metolachlor	(0.002)	Pronamide	(0.003)
Alachlor	(0.002)	Diazinon	(0.002)	Metribuzin	(0.004)	Propachlor	(0.007)
alpha-HCH	(0.002)	Dieldrin	(0.001)	Molinate	(0.004)	Propanil	(0.004)
Atrazine	(0.001)	Disulfoton	(0.017)	Napropamide	(0.003)	Propargite	(0.013)
Benfluralin	(0.002)	EPTC	(0.002)	<i>p,p'</i> -DDE*	(0.006)	Simazine	(0.005)
Butylate	(0.002)	Ethalfuralin	(0.004)	Parathion	(0.004)	Tebuthiuron	(0.010)
Carbaryl	(0.003)	Ethopropos	(0.003)	Parathion-methyl	(0.006)	Terbacil	(0.007)
Carbofuran	(0.003)	Fonofos	(0.003)	Pebulate	(0.004)	Terbufos	(0.013)
Chlorpyrifos	(0.004)	Lindane	(0.004)	Pendimethalin	(0.004)	Thiobencarb	(0.002)
Cyanazine	(0.004)	Linuron	(0.002)	<i>cis</i> -Permethrin	(0.005)	Tri-allate	(0.001)
DCPA	(0.002)	Malathion	(0.005)	Phorate	(0.002)	Trifluarlin	(0.002)
2,6-Diethylaniline*	(0.003)	Methyl azinphos	(0.001)	Prometon	(0.017)		
B. High Performance Liquid Chromatography U.S. Geological Survey Organic Research Laboratory, Lawrence, Kansas							
Acetachlor ESA*	(0.2)	Alachlor ESA*	(0.2)	Hydroxyatrazine*	(0.2)	Metolachlor OA*	(0.2)
Acetachlor OA*	(0.2)	Alachlor OA*	(0.2)	Metolachlor ESA*	(0.2)		
C. Gas Chromatography/Mass Spectrometry U.S. Geological Survey Organic Research Laboratory, Lawrence, Kansas							
Ametryn	(0.05)	Deisopropylatrazine*	(0.05)	Propazine	(0.05)		
Cyanazine Amide*	(0.05)	Prometryn	(0.05)	Terbutryn	(0.05)		

* degradation product