



Table 12. Summary of pesticide analyses having concentrations at or above minimum reporting levels from 1960-91 in Storage and Retrieval System (STORET) in the Apalachicola-Chattahoochee-Flint River basin
[--, not applicable; nd, not detected at minimum reporting level; MRL, minimum reporting level]

Compound	Minimum reporting level(s)	Time period, 1960-69			Time period 1970-74			Time period 1975-79			Time period 1980-84			Time period 1985-89			Time period 1990-91		
		Number of analyses	Number at or above MRL	Maximum concentration	Number of analyses	Number at or above MRL	Maximum concentration	Number of analyses	Number at or above MRL	Maximum concentration	Number of analyses	Number at or above MRL	Maximum concentration	Number of analyses	Number at or above MRL	Maximum concentration	Number of analyses	Number at or above MRL	Maximum concentration
Surface water, in micrograms per liter																			
DDD	0 to 0.1	26	16	0.60	0	--	--	0	--	--	0	--	--	6	0	nd	0	--	--
DDE	0 to 0.1	25	4	.001	0	--	--	0	--	--	0	--	--	9	0	nd	0	--	--
DDT	0 to 0.5	28	13	.03	0	--	--	3	0	nd-	0	--	--	6	0	nd	0	--	--
<i>cis</i> -Chlordane	0.003 and .01	1	1	.075	0	--	--	0	--	--	5	3	4.0	0	--	--	0	--	--
γ -Chlordane	0.003 and .01	0	--	--	0	--	--	0	--	--	5	3	5.0	0	--	--	0	--	--
Heptachlor epoxide	0.001 to 1 in 97.8 percent of analyses; 10 and 100 in 1.1 percent each	25	2	.004	0	--	--	3	0	nd	16	1	0.004	0	--	--	12	0	nd
Dieldrin	0 to 0.3	25	22	.02	0	--	--	3	3	.004	16	0	nd	4	0	nd	12	0	nd
Endrin	0 to 0.5	25	2	.001	0	--	--	3	0	nd	16	0	nd	4	0	nd	12	0	nd
Lindane	0 to 0.1	25	4	0.021	0	--	--	0	--	--	16	0	--	4	0	nd	12	0	nd
β -Endosulfan	0.03 to 4	0	--	--	0	--	--	0	--	--	16	3	0.009	0	--	--	12	0	nd
Silvex	0.01 to 0.1	0	--	--	0	--	--	3	3	0.015	0	--	--	0	--	--	4	0	nd
Ground water, in micrograms per liter																			
1,2-Dichloro-propane	1 to 5	0	--	--	0	--	--	0	--	--	6	0	nd	135	4	1.7	13	0	nd
Bed and bottom sediment, in micrograms per kilogram, dry weight																			
<i>p,p'</i> -DDD	0.2 to 10	0	--	--	7	2	33	52	0	nd	19	4	410	2	0	nd	12	1	4
<i>o,p'</i> -DDD	4 and 8	0	--	--	0	--	--	0	--	--	19	2	120	1	0	nd	0	--	--
<i>p,p'</i> -DDE	0.1 to 8	0	--	--	7	2	2.4	52	14	5.4	19	3	210	1	0	nd	12	2	9.0
<i>p,p'</i> -DDT	0.2 to 10	0	--	--	7	2	74	52	0	nd	19	3	140	1	0	nd	12	1	82
DDD	0.4 to 20	0	--	--	12	2	2.9	16	6	22.6	0	--	--	4	2	32	0	--	--
DDE	0.2 to 10	0	--	--	12	2	3.2	16	6	21.6	0	--	--	8	4	103	0	--	--
DDT	0.4 to 50	0	--	--	12	2	2.9	35	6	293	29	6	364	5	1	53	0	--	--
DDT+DDE+DDD	2 to 80	0	--	--	0	--	--	0	--	--	32	4	570	41	7	85	6	1	89
<i>cis</i> -Chlordane	1.5 to 20	0	--	--	0	--	--	0	--	--	19	2	1,100	1	0	nd	0	--	--
γ -Chlordane	0.05 to 10 in 97.6 percent of analyses; 20 and 1,000 in 1.2 percent	0	--	--	0	--	--	20	0	nd	46	2	2,200	12	0	nd	0	--	--
Chlordane technical mixture	0.5 to 100 in 99.4 percent; 6,000 in 0.6	0	--	--	0	--	--	72	5	441	61	9	292	45	13	220	11	2	8.0
Heptachlor	0.05 to 10	0	--	--	0	--	--	0	--	--	0	--	--	0	--	--	0	--	--
Dieldrin	0.05 to 30	0	--	--	12	0	nd	88	2	.33	63	1	10	31	2	5.0	12	0	nd
α -BHC	0.1 to 20 per 99 percent of analyses; 2,000 per 0.6 percent	0	--	--	0	--	--	71	1	.53	62	0	nd	33	1	40	12	0	nd
Lindane (γ -BHC)	1 to 20 per 98 percent, 1,000 per 2.2 percent	0	--	--	0	--	--	1	1	.10	19	0	nd	15	0	nd	12	0	nd
Pentachloro-phenol	0.05 to 400 in 99 percent of analyses; 2,000 in 0.8 percent	0	--	--	0	--	--	35	1	2.40	47	1	20	48	5	4,490	12	1	48.4
2,4-D	2 to 10	0	--	--	0	--	--	35	4	275	0	--	--	17	0	nd	6	0	nd
Aquatic biota, in milligrams per kilogram, wet weight (except where otherwise noted)																			
DDT	0.01 to 2	0	--	--	0	--	--	0	--	--	18	1	--	24	0	nd	36	1	.06
<i>p,p'</i> -DDD	5 and 7.5	87	38	26	30	0	nd	0	--	--	0	--	--	0	--	--	0	--	--
<i>p,p'</i> -DDE	5 and 7.5	87	27	30	30	0	nd	0	--	--	0	--	--	13	13	632	0	--	--
<i>p,p'</i> -DDT	5 and 7.5	87	15	38	30	0	nd	0	--	--	0	--	--	0	--	--	0	--	--
DDE	0.008 to 0.2	0	--	--	0	--	--	0	--	--	19	17	1.1	50	31	18.1	39	29	.12
DDD	0.01 to 1	0	--	--	0	--	--	0	--	--	v19	7	.20	26	1	.03	39	2	.16
DDT+DDE+DDD	0.03 and .05	0	--	--	0	--	--	3	2	2.5	16	15	1.5	15	12	.69	0	--	--
<i>cis</i> -Chlordane	--	0	--	--	0	--	--	0	--	--	0	--	--	7	7	185	0	--	--
<i>trans</i> -Chlordane	--	0	--	--	0	--	--	0	--	--	0	--	--	9	9	191	0	--	--
Chlordane	0.05 to 5	0	--	--	0	--	--	7	2	40	0	--	--	0	--	--	0	--	--
Chlordane technical mixture	0.04 to 2	0	--	--	0	--	--	0	--	--	19	9	3.6	53	13	3.8	37	21	.77
Oxychlordane	--	0	--	--	0	--	--	0	--	--	0	--	--	2	2	1.8	0	--	--
<i>cis</i> -Nonachlor	--	0	--	--	0	--	--	0	--	--	0	--	--	3	3	123	0	--	--
<i>trans</i> -Nonachlor	--	0	--	--	0	--	--	0	--	--	0	--	--	9	9	398	0	--	--
Dieldrin	0.01 to 0.1, 0.05 to 19	33	6	28	0	--	--	3	1	.78	18	0	nd	31	7	94.1	36	8	.07
α -BHC	0.0002 to 9.3	0	--	--	0	--	--	11	3	6.6	18	0	nd	27	1	1.0	36	0	nd
Lindane (γ -BHC)	--	0	--	--	0	--	--	4	3	.81	0	--	--	0	--	--	0	--	--
Lindane	0.01 to 0.5	0	--	--	0	--	--	0	--	--	18	1	.009	30	4	21.9	36	0	nd
Methoxychlor	--	0	--	--	0	--	--	4	0	nd	0	--	--	2	2	17.9	0	--	--
Mirex	0.01 to .5	0	--	--	0	--	--	4	0	nd	18	3	.10	34	9	35.5	6	0	nd
Hexachloro-benzene	0.01 to 1	0	--	--	0	--	--	0	--	--	18	0	nd	27	2	.90	10	0	nd
Pentachloro-phenol	0.005 to 6	0	--	--	0	--	--	0	--	--	21	0	nd	41	3	.60	11	0	nd
Chlorpyrifos	--	0	--	--	0	--	--	0	--	--	0	--	--	6	6	64.5	0	--	--