

earlier in this workplan. Three additional sites to be sampled are those where automatic samplers were operated in 1990 to determine the temporal distribution of herbicides in several Midwestern streams. The location of the sites to be sampled and their drainage basins are shown in figure 3. Sampling sites, drainage areas, 1990 sampling dates, and 1990 streamflows are given in table 1.

Table 1.--Sites to be sampled during March-June 1994 to investigate the effects of changes in herbicide use on herbicide concentrations in streams
[mi², square miles; ft³/s, cubic feet per second; --, no data]

Map no.	State	Site number	Site name	Drainage area (mi ²)	Sampling dates		1990 post-planting streamflow (ft ³ /s)
					Pre-planting	Post-planting	
1	Iowa	05411600	Turkey River at Spillville	1770	03/22/90	06/14/90	212
2	Iowa	05421000	Wapsipinicon River at Independence	1048	03/22/90	05/09/90	1270
3	Iowa	05455100	Old Mans Creek near Iowa City	201	03/15/90	05/04/90	1030
4	Iowa	05472500	N. Skunk River near Sigourney	730	03/15/90	05/21/90	776
5	Iowa	05474000	Skunk River at Augusta	4303	03/08/90	06/21/90	26800
6	Iowa	05480500	Des Moines River at Fort Dodge	4190	03/16/90	06/15/90	3880
7	Iowa	05484500	Raccoon River at Van Meter	3441	05/03/90	05/10/90	3420
8	Iowa	06606600	Little Sioux River at Correctionville	2500	03/16/90	06/14/90	788
9	Iowa	06607200	Maple River at Mapleton	669	03/16/90	06/13/90	4960
10	Iowa	06609500	Boyer River at Logan	871	03/16/90	06/13/90	15700
11	Ill.	03378000	Bonpas Creek at Browns	228	04/17/90	07/10/90	2.3
12	Ill.	03381495	Little Wabash at Carmi	3088	04/17/90	07/10/90	440
13	Ill.	05439500	South Branch Kishwaukee, Fairdale	387	04/12/90	05/14/90	1280
14	Ill.	05526000	Iroquois River near Chebanse	2091	04/04/90	05/17/90	5560
15	Ill.	05540500	Dupage River near Shorwood	324	04/04/90	06/22/90	--
16	Ill.	05569500	Spoon River at London Mills	1072	04/10/90	05/14/90	3500
17	Ill.	05576500	Sangamon River at Riverton	2618	03/26/90	05/14/90	5730
18	Ill.	05587000	Macoupin Creek near Kane	868	03/28/90	05/14/90	4020
19	Ill.	05592100	Kaskaskia near Cowden	1330	03/27/90	05/14/90	2420
20	Ill.	05594000	Shoal Creek near Breese	735	03/28/90	05/04/90	607
21	Ind.	03275000	Whitewater River near Alpine	522	03/27/90	05/15/90	1885
22	Ind.	03302800	Blue River at Fredricksburg	283	03/27/90	05/15/90	575
23	Ind.	03328500	Eel River near Logansport	789	03/26/90	05/14/90	1550
24	Ind.	03333450	Wildcat Creek near Jerome	146	03/26/90	05/14/90	560
25	Ind.	03335000	Wildcat Creek near Lafayette	794	03/26/90	05/14/90	1220
26	Ind.	03351000	White River near Nora	1219	03/26/90	05/14/90	6428
27	Ind.	03362500	Sugar Creek near Edinburgh	474	03/27/90	05/15/90	2191
28	Ind.	03371500	E. Fork White River near Bedford	3861	03/27/90	05/15/90	11590
29	Kans.	06885500	Black Vermillion River near Frankfort	410	03/22/90	05/16/90	2560
30	Kans.	06890100	Delaware River near Muscotah	431	04/04/90	05/09/90	203
31	Minn.	05317000	Cottonwood River near New Ulm	1280	05/01/90	06/05/90	316
32	Minn.	05476000	Des Moines River at Jackson	1220	05/08/90	06/19/90	424
33	Minn.	06483000	Rock River at Luverne	425	05/08/90	06/19/90	212
34	Mo.	06817700	Nodaway River near Graham	1320	04/10/90	05/22/90	612