

Table 2. Population and land-cover percentages for drainage basins for sampling sites.

[USGS, U.S.Geological Survey; US, upstream from wastewater-effluent discharge; DS, downstream from wastewater-effluent discharge; WWTP, wastewater-treatment plant; Minn., Minnesota]

Site number (fig. 3)	USGS station identification number	USGS station name	Position in relation to wastewater-effluent discharge	Drainage area (square kilometer)	Number of people per square kilometer	Land-cover percentages						
						Open water	Developed	Barren	Forest	Grass-land	Crop-land	Wet-land
1	05137050	Williams Creek above WWTP at Williams, Minn.	US	32.8	1	0	2	0	63	6	1	28
3	05137055	Williams Creek below WWTP at Williams, Minn.	DS	32.8	1	0	2	0	63	6	1	28
4	475504091545401	Shagawa Lake at mouth of Burntside River near Ely, Minn.	US	184.9	2	21	1	0	71	5	0	2
5	475436091522501	Shagawa Lake near Ely WWTP outflow at Ely, Minn.	DS	240.8	4	20	1	0	73	4	0	2
7	04018765	Elbow Creek above Eveleth WWTP at Eveleth, MN	US	4.45	238	1	32	9	46	11	0	1
9	04018767	Elbow Creek below Eveleth WWTP at Eveleth, Minn.	DS	4.48	237	1	32	9	46	11	0	1
10	04024025	St. Louis River at Hwy. 23 above Fond Du Lac, Minn.	US	9,253	11	4	3	1	62	10	0	21
11	464523092065501	Lake Superior in St. Louis Bay at Duluth, Minn.	DS	9,583	14	4	3	1	62	10	0	20
13	05040340	Pelican River above WWTP at Pelican Rapids, Minn.	US	892.8	20	21	6	0	29	23	15	5
15	05040345	Pelican River below WWTP at Pelican Rapids, Minn.	DS	894.8	20	21	6	0	29	23	15	5
16	05082520	Red River of the North above WWTP at East Grand Forks, Minn.	US	77,337	6	6	4	0	8	15	56	10
18	475854097032001	Red River of the North below WWTP at East Grand Forks, Minn.	DS	77,343	6	6	4	0	8	15	56	10
19	05211020	Mississippi River above WWTP at Grand Rapids, Minn.	US	8,475	8	16	3	0	57	8	1	16
21	05211030	Mississippi River below WWTP at Grand Rapids, Minn.	DS	8,486	8	16	3	0	57	8	1	16
22	05270181	Sauk River above Sauk Centre WWTP at Sauk Centre, Minn.	US	970.5	10	6	5	0	7	25	51	5
24	05270183	Sauk River below Sauk Centre WWTP at Sauk Centre, Minn.	DS	972.2	11	6	5	0	7	25	51	5

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25	05270195	Sauk River above Melrose WWTP at Melrose, Minn.	US	1,124	12	5	5	0	7	26	51	5
27	05270197	Sauk River below Melrose WWTP at Melrose, Minn.	DS	1,134	12	5	5	0	7	26	51	5
28	05274850	Tibbets Brook above WWTP outflow at Zimmerman, Minn.	US	18.5	96	11	10	0	25	28	18	8
30	05274855	Tibbets Brook below WWTP outflow at Zimmerman, Minn.	DS	18.5	96	11	10	0	25	28	18	8
31	05278080	Jewitts Creek at U.S. Hwy. 12 in Litchfield, Minn.	US	67.5	57	9	13	0	7	10	55	5
33	05278083	Jewitts Creek near Litchfield, Minn.	DS	67.9	58	9	13	0	7	10	55	5
34	05278570	South Fork of the Crow River above WWTP at Hutchinson, Minn.	US	1,160	23	7	6	0	3	8	74	3
36	05278580	South Fork of the Crow River below Hutchinson, Minn.	DS	1,162	23	7	6	0	3	8	74	3
37	05278650	South Fork Crow River above WWTP at Lester Prairie, Minn.	US	1,460	23	6	6	0	4	9	74	3
39	05278655	South Fork Crow River below WWTP at Lester Prairie, Minn.	DS	1,463	23	6	6	0	4	9	73	3
40	05314985	Redwood River above Lynd WWTP near Lynd, Minn.	US	660.5	5	4	6	0	1	19	67	3
42	05314988	Redwood River below Lynd WWTP near Lynd, Minn.	DS	660.5	5	4	6	0	1	19	67	3
43	05315045	Redwood River above WWTP below Marshall, Minn.	US	692	14	3	7	0	1	19	66	3
45	05315050	Redwood River below WWTP near Marshall, Minn.	DS	696.4	14	3	7	0	1	19	67	3
46	05318170	Center Creek on Co. Rd. 143, at Fairmont, Minn.	US	238.2	44	6	12	0	1	4	75	2
48	05318171	Center Creek below WWTP at Fairmont, Minn.	DS	238.5	44	6	12	0	1	4	75	2
49	05331005	Mississippi River at Industrial Molasses St. Paul, Minn.	US	95,703	35	6	6	0	20	14	45	9

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51	05331400	Mississippi River at South St. Paul, Minn.	DS	95,712	36	6	6	0	20	14	45	9
52	05337003	Grindstone River above WWTP near Hinckley, Minn.	US	206.7	9		4	0	40	32	3	19
54	05337005	Grindstone River below Hinckley, Minn.	DS	209.4	9	2	4	0	40	32	4	19
55	05355260	Mississippi River (Lake Pepin) above Lake City, Minn.	US	122,558	34	5	6	0	25	15	39	9
57	05355331	Mississippi River (Lake Pepin) at Mile 771 near Lake City, Minn.	DS	122,578	34	5	6	0	25	15	39	9
58	05372995	South Fork Zumbro River at Rochester, Minn.	US	778.9	106	0	15	0	8	23	52	1
60	05373005	South Fork Zumbro River below WWTP near Rochester, Minn.	DS	807.9	111	0	15	0	8	24	51	1
61	05383820	Spring Valley Creek above Spring Valley WWTP outflow at Spring Valley, Minn.	US	40.5	40	0	11	0	2	6	81	0
63	05383822	Spring Valley Creek below Spring Valley WWTP outflow at Spring Valley, Minn.	DS	40.6	41	0	11	0	2	6	81	0
64	05455975	Cedar River above treatment plant at Austin, Minn.	US	631	29	0	9	0	1	6	82	2
66	05455978	Cedar River below treatment plant at Austin, Minn.	DS	631.6	30	0	9	0	1	6	82	2
67	05474883	Okabena Creek above WWTP outflow at Worthington, Minn.	US	8.1	672	0	66	0	0	3	30	1
70	05474884	Okabena Creek below WWTP outflow at Worthington, Minn.	DS	15.06	386	0	46	0	0	3	49	1
71	06483005	Rock River above WWTP near Luverne, Minn.	US	1,085	6	0	6	0	1	17	76	1
73	06483010	Rock River below WWTP near Luverne, Minn.	DS	1,085	6	0	6	0	1	17	76	1