

## E. coli Bacteria Results Squaw Creek Watershed Snapshots

Site #	IOWATER #	Location	October 2006 CFU/100ml	May 2007 CFU/100ml	October 2007 MPN/100ml	May 2008 MPN/100 ml	October 2008 MPN/100ml	May 2009 MPN/100ml	October 2009 MPN/100ml	May 2010 MPN/100ml	October 2010 MPN/100ml
1	SC1	940010 Squaw Creek at Hwy 175	90	40	170	80	860	400	20	180	Not Sampled
2	SC45	940014 Crooked Creek, N branch	540	90	350	100	250	1600	220	430	Not Sampled
3	SC46	940015 Crooked Creek, S branch	430	120	190	120	570	620	170	100	Not Sampled
4	SC2	940009 Squaw Creek at 390th Street	110	10	1400	230	930	(empty vial)	630	490	260
5	SC3	908031 Squaw Creek - 110th St & U Ave.	250	81	1400	110	750	230	210	500	160
6	SC4	908028 Glacial Creek (trib to Squaw Creek; U Ave south of 110th St)	110	20	770	70	560	790	160	170	260
7	SC5	908036 Talynn's North Sample Site	140	120	420	60	520	5200	840	300	450
8	SC6	908035 No Name Creek - North of 120th and Y	45	30	160	550	720	2500	90	50	Not Sampled
9	SC7	908026 Beard/Mackie (Squaw Creek)	20	110	1400	130	1700	1700	250	480	290
10	SC10	908034 Squaw Creek at 150th St.	170	300	1100	110	650	2500	320	780	250
11	SC8	908019 Montgomery Creek 1	360	140	1200	240	2500	360	1100	220	
12	SC11	908020 Montgomery Creek 2	210	160	990	160	960	440	360	580	190
13	SC12	908021 Prairie Creek 1	180	220	1100	460	1300	570	500	310	
14	SC13	908022 Prairie Creek 2	280	430	2200	710	1800	5500	660	1100	450
15	SC9	908029 Bluestem Creek (trib to Squaw Creek; 150th St East of X Ave)	200	320	1600	360	1900	1500	1100	3900	
16	SC14	908016 Squaw Creek @ 170th St. Bridge	100	270	1600	380	810	5500	620	640	360
17	SC16	985034 Squaw Creek above Gilbert Creek	170	240	1300	220	930	4600	100	1000	200
18	SC15	985041 Gilbert Creek above Squaw Creek	560	470	320	280	490	780	110	130	260
19	SC17	908023 Onion Creek (North Branch at V Avenue Bridge)	420	40	630	200	430		280	410	Not Sampled
20	SC21	908024 Onion Creek (North fork of the South Branch at V Ave and 210th)	170	45	500	120	290	Not Sampled	6100	110	Not Sampled
21	SC20	908025 Onion Creek (South fork of the South Branch at V Ave)	100	81	370	70	1900	Not Sampled	DRY	490	Not Sampled
22	SC19	908030 Onion Creek at R-38 (Co. Line Rd)	60	63	740	120	530	2100	490	210	220
23	SC22	985027 Onion Creek (Reactor Woods)	240	90	680	170	400	4400		910	50
24	SC18	985031 Moore Park (Squaw Creek)	200	240	1100	260	430	1400	180	860	190
25	SC25	908055 Clear Creek Boone (site north 25 feet)	420	30	180	20	100	80	40	50	Not Sampled
26	SC27	985061 Clear Creek Emma McCarthy Lee Bridge	55	90	660	120	380	100	130	170	200
27	SC48	985036 Clear Creek (Hyland Avenue)	Not Sampled	160	1500	310	990	340	290	90	Not Sampled
28	SC26	985077 Clear Creek Pammel Woods	960	170	960	230	720	290	<10	120	990
29	SC50	985088 Squaw Creek at Stange	Not Sampled	190	1500	420	550	Not Sampled	360	1000	Not Sampled
30	SC23	985049 AHS Tributary of Squaw Creek	810	30	10000	4400	1000	50	560	120	5200
31	SC24	985051 Squaw Creek 13th Street	120	190	1200	170	600	2600	Not Sampled	960	240
32	SC28	985030 Brookside Park (6th St.)	160	260	1200	260	530	2000	560	1000	210
33	SC35	985107 College Creek at Wilder	130	150	860	350	260	190	3400	2400	4600
34	SC34	985025 College Creek at South Dakota/Clemens	270	890	730	1400	250	530	550	540	Not Sampled
35	SC38	985083 Ames Middle School Site 2	240	130	350	1900	260	510	310	520	200
36	SC37	985084 Ames Middle School Site 3	530	190	570	4400	-	Not Sampled	Not Sampled	410	Not Sampled
37	SC32	985009 College Creek (at State Ave.)	330	620	1500	1000	290	650	930	380	Not Sampled
38	SC49	985072 College Creek ISU Arboretum	Not Sampled	290	3300	3300	860	Not Sampled	1500	820	720
39	SC53	985095 College Creek near Ash Avenue	Not Sampled	370	9800	1400	580	640	1200	350	Not Sampled
40	SC31	985015 College Creek (near Elwood Drive)	2800	270	7700	1900	1000	990	1000	290	930
41	SC54	985096 Pammel Creek above 6th Street	Not Sampled	170	Not Sampled	250	530	7700	120	50	(empty vial)
42	SC55	985097 CyRide Creek above Elwood	Not Sampled	10	Not Sampled	1100	120	610	3100	250	5500
43	SC29	985016 Tributary to College Creek (Elwood Dr. & 6th St.)	5200	390	Not Sampled	660	1500	4400	930	Not Sampled	Not Sampled
44	SC56	985098 South Stuart Smith Park (stormwater drainage)	Not Sampled	30	8200	450	50	Not Sampled	160	110	Not Sampled
45	SC33	985040 Squaw Creek at Fourth St. bridge in Ames	310	220	1700	330	880	570	320	960	190
46	SC42	908014 Worrell Creek (County Line Road)	150	Not Sampled	2100	130	1400	400	<10	440	Not Sampled
47	SC44	985082 Komar Creek (tributary to Worrell)	4200	140	1600	1600	1500	110	60	620	270
48	SC43	985064 Worle Creek	300	240	2800	470	2400	200	190	710	240
49	SC36	985068 Squaw Creek near South Maple	64	170	1400	330	860	1700		Not Sampled	Not Sampled
50	SC58	985100 Worrel Creek above Elwood	Not Sampled	420	1900	<10	420	170	100	810	Not Sampled
51	SC40	985028 Worrell Creek (South 16th Street)	170	240	1300	240	3300	250	50	830	190
52	SC41	985029 South Branch Worrell Creek (below Creekside Dr)	Not Sampled	27	1900	560	360	320	360	160	230
53	SC57	985099 Near Squaw Creek Drive (stormwater drainage)	Not Sampled	170	9800	1000	680	90	2900	20	880
54	SC39	985039 Squaw Creek at Duff Avenue in Ames	160	240	1000	270	840	440	310	960	(empty vial)

Meets A1-A3 Primary Contact standard of 235 cfu/100 ml

Exceeds A2 Secondary Contact standard of 2880 cfu/100 ml

Squaw Creek, main branch