

E. coli Bacteria Results Squaw Creek Watershed Snapshots

Site #	Location	October 2006 CFU/100ml	CFU/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	Oct 2013 MPN/100ml	May 2014 CFU/100ml
1	SC1 Squaw Creek at Hwy 175	90	40	170	80	860	400	20	180											
2	SC45 Crooked Creek, N branch	540	90	350	100	250	1600	220	430											
3	SC46 Crooked Creek, S branch	430	120	190	120	570	620	170	100											
4	SC2 Squaw Creek at 390th Street	110	10	1400	230	930	(empty vial)	630	490	260	310	250	300							267
5	SC3 Squaw Creek - 110th St & U Ave.	250	81	1400	110	750	230	210	500	160	710	86	52							267
6	SC4 Glacial Creek (trib to Squaw Creek; U Ave south of 110th St)	110	20	770	70	560	790	160	170	260	860	130	62					130		
7	SC5 Tallyn's North Sample Site (V Ave north of 120 th)	140	120	420	60	520	5200	840	300	450	530	-	430			710		190		567
8	SC6 No Name Creek - (V Ave south of 120 th)	45	30	160	550	720	2500	90	50											
9	SC7 Beard/Mackie (Squaw Creek at E18)	20	110	1400	130	1700	1700	250	480	290	490	-	170			930		360		167
10	SC10 Squaw Creek at 150th St.	170	300	1100	110	650	2500	320	780	250	650	110	330			3000		1200		200
11	SC8 Montgomery Creek 1	360	140	1200	240	2500	360	1100	220				stagnant			1300		1200		
12	SC11 Montgomery Creek 2	210	160	990	160	960	440	360	580	190	1600	160	880			790		1000		340
13	SC12 Prairie Creek 1	180	220	1100	460	1300	570	500	310							74		75		
14	SC13 Prairie Creek 2	280	430	2200	710	1800	5500	660	1100	450	6500	280	440			stagnant		810		20
15	SC9 Bluestem Creek (trib to Squaw Creek; 150th St East of X Ave)	200	320	1600	360	1900	1500	1100	3900				dry							
16	SC14 Squaw Creek @ 170th St. Bridge	100	270	1600	380	810	5500	620	640	360	2500	-	96			1200		10		367
17	SC16 Squaw Creek above Gilbert Creek	170	240	1300	220	930	4600	100	1000	200	790	-	41			680				433
18	SC15 Gilbert Creek above Squaw Creek	560	470	320	280	490	780	110	130	260	370	-	140			98				1967
19	SC17 Onion Creek (North Branch at V Avenue Bridge)	420	40	630	200	430		280	410											
20	SC21 Onion Creek (North fork of the South Branch at V Ave and 210th)	170	45	500	120	290		6100	110											
21	SC20 Onion Creek (South fork of the South Branch at V Ave)	100	81	370	70	1900		DRY	490											
22	SC19 Onion Creek at R-38 (Co. Line Rd)	60	63	740	120	530	2100	490	210	220	750	1500	330			dry		150		800
23	SC22 Onion Creek (Reactor Woods)	240	90	680	170	400	4400	910	50	270	<10	<10	200			dry		200		300
24	SC18 Moore Park (Squaw Creek)	200	240	1100	260	430	1400	180	860	190	720	110	150			460		340		467
25	SC25 Clear Creek Boone (site north 25 feet)	420	30	180	20	100	80	40	50											
26	SC27 Clear Creek at Emma McCarthy Lee bridge	55	90	660	120	380	100	130	170	200	200	dry	86			dry		98		133
27	SC48 Clear Creek (Hyland Avenue)		160	1500	310	990	340	290	90											
28	SC26 Clear Creek Pammel Woods	960	170	960	230	720	290	<10	120	990	<10	<10	110			100000		310		200
29	SC50 Squaw Creek at Stange		190	1500	420	550	360	1000												
30	SC23 AHS Tributary of Squaw Creek	810	30	10000	4400	1000	50	560	120	5200	30000	<10	150			500				0
31	SC24 Squaw Creek 13th Street	120	190	1200	170	600	2600	960	240	520	650	230	dry			500		380		300
32	SC28 Brookside Park (6th St.)	160	260	1200	260	530	2000	560	1000	210	1400	-	250			dry		330		733
33	SC35 College Creek at Wilder	130	150	860	350	260	190	3400	2400	4600	1400	270	31			2400		110		2433
34	SC34 College Creek at South Dakota/Clemens	270	890	730	1400	250	530	550	540											
35	SC38 Ames Middle School Site 2 (west site)	240	130	350	1900	260	510	310	520	200	280	'empty vial'	350			1700		1100		3333
36	SC37 Ames Middle School Site 3	530	190	570	4400	-		410												
37	SC32 College Creek (at State Ave.)	330	620	1500	1000	290	650	930	380											
38	SC49 College Creek ISU Arboretum		290	3300	3300	860	1500	820	720	300	85		440			dry		240		1300
39	SC53 College Creek near Ash Avenue		370	9800	1400	580	640	1200	350											
40	SC31 College Creek (near Elwood Drive)	2800	270	7700	1900	1000	990	1000	290	930	380	580	340			26000		2200		2600
41	SC54 Pammel Creek above 6th Street		170	250	530	7700	120	50	empty vial	160	8700	85	330					4400		1133
42	SC55 CyRide Creek above Elwood		10	1100	120	610	3100	250	5500	110	410	300	20							567
43	SC29 Tributary to College Creek (Elwood Dr. & 6th St.)	5200	390	660	1500	930	4400	160	110											
44	SC56 South Stuart Smith Park (stormwater drainage)		30	8200	450	50		160												
45	SC33 Squaw Creek at Fourth St. bridge in Ames	310	220	1700	330	880	570	320	960	190	200	2300	150			dry		320		467
46	SC42 Worrell Creek (County Line Road)	150	2100	130	1400	400	<10	440												
47	SC44 Komar Creek (tributary to Worrell)	4200	140	1600	1600	1500	110	60	620	270	85	dry	180			dry		190		333
48	SC43 Worle Creek (near Meadow Glenn Rd)	300	240	2800	470	2400	200	190	710	240	190	370	620			dry		31		100
49	SC36 Squaw Creek near South Maple	64	170	1400	330	860	1700													
50	SC58 Worrel Creek above Elwood		420	1900	<10	420	170	100	810											
51	SC40 Worrell Creek (South 16th Street)	170	240	1300	240	3300	250	50	830	190	410		380			dry		110		100
52	SC41 South Branch Worrell Creek (below Creekside Dr)		27	1900	560	360	320	360	160	230	1300	820	1600					210		0
53	SC57 Near Squaw Creek Drive (stormwater drainage)		170	9800	1000	680	90	2900	20	880	63	8700	<10			<10		<10		0
54	SC39 Squaw Creek at Duff Avenue in Ames	160	240	1000	270	840	440	310	960	(empty vial)	360	660	130			410				7133

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, designated A1