

E. coli Bacteria Results Squaw Creek Watershed Snapshots

Site #	IOWATER #	Location	October 2006 CFU/100ml	CFU/100 ml	MPN/100 ml	MPN/100 ml	as N (mg/L)	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	May 2011 MPN/100ml	Oct 2011 MPN/100ml	May 2012 MPN/100ml	Oct 2012 MPN/100ml	May 2013 MPN/100ml	Oct 2013 MPN/100ml
1	SC1	940010	Squaw Creek at Hwy 175	90	40	170	80	12	860	400	20	180	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
2	SC45	940014	Crooked Creek, N branch	540	90	350	100	11	250	1600	220	430	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
3	SC46	940015	Crooked Creek, S branch	430	120	190	120	14	570	620	170	100	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
4	SC2	940009	Squaw Creek at 390th Street	110	10	1400	230	12	930	(empty vial)	630	490	260	310	250	300			
5	SC3	908031	Squaw Creek - 110th St & U Ave.	250	81	1400	110	13	750	230	210	500	160	710	86	52			
6	SC4	908028	Glacial Creek (trib to Squaw Creek; U Ave south of 110th St)	110	20	770	70	9.2	560	790	160	170	260	860	130	62			130
7	SC5	908036	Talynn's North Sample Site (V Ave north of 120 th)	140	120	420	60	14	520	5200	840	300	450	530	-	430	710		190
8	SC6	908035	No Name Creek - (V Ave south of 120 th)	45	30	160	550	13	720	2500	90	50	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
9	SC7	908026	Beard/Mackie (Squaw Creek at E18)	20	110	1400	130	12	1700	1700	250	480	290	490	-	170		930	360
10	SC10	908034	Squaw Creek at 150th St.	170	300	1100	110	11	650	2500	320	780	250	650	110	330		3000	
11	SC8	908019	Montgomery Creek 1	360	140	1200	240	12	2500	360	1100	220				stagnant	1300		1200
12	SC11	908020	Montgomery Creek 2	210	160	990	160	11	960	440	360	580	190	1600	160	880	790	1000	340
13	SC12	908021	Prairie Creek 1	180	220	1100	460	12	1300	570	500	310					74		75
14	SC13	908022	Prairie Creek 2	280	430	2200	710	10	1800	5500	660	1100	450	6500	280	440	stagnant	810	20
15	SC9	908029	Bluestem Creek (trib to Squaw Creek; 150th St East of X Ave)	200	320	1600	360	14	1900	1500	1100	3900		dry					
16	SC14	908016	Squaw Creek @ 170th St. Bridge	100	270	1600	380	11	810	5500	620	640	360	2500	-	96	1200		10
17	SC16	985034	Squaw Creek above Gilbert Creek	170	240	1300	220	12	930	4600	100	1000	200	790	-	41	680		
18	SC15	985041	Gilbert Creek above Squaw Creek	560	470	320	280	11	490	780	110	130	260	370	-	140		98	
19	SC17	908023	Onion Creek (North Branch at V Avenue Bridge)	420	40	630	200	12	430		280	410	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
20	SC21	908024	Onion Creek (North fork of the South Branch at V Ave and 210th)	170	45	500	120	12	290	Not Sampled	6100	110	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
21	SC20	908025	Onion Creek (South fork of the South Branch at V Ave)	100	81	370	70	12	1900	Not Sampled	DRY	490	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
22	SC19	908030	Onion Creek at R-38 (Co. Line Rd)	60	63	740	120	12	530	2100	490	210	220	750	1500	330	dry	150	
23	SC22	985027	Onion Creek (Reactor Woods)	240	90	680	170	11	400	4400		910	50	270	<10	200	dry	200	
24	SC18	985031	Moore Park (Squaw Creek)	200	240	1100	260	11	430	1400	180	860	190	720	110	150	460		340
25	SC25	908055	Clear Creek Boone (site north 25 feet)	420	30	180	20	12	100	80	40	50	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
26	SC27	985061	Clear Creek at Emma McCarthy Lee bridge	55	90	660	120	11	380	100	130	170	200	200	dry	86	dry	98	
27	SC48	985036	Clear Creek (Hyland Avenue)	Not Sampled	160	1500	310	10	990	340	290	90	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
28	SC26	985077	Clear Creek Pammel Woods	960	170	960	230	11	720	290	<10	120	990	<10	<10	110	100000	310	
29	SC50	985088	Squaw Creek at Stange	Not Sampled	190	1500	420	11	550	Not Sampled	360	1000	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
30	SC23	985049	AHS Tributary of Squaw Creek	810	30	10000	4400	2.8	1000	50	560	120	5200	30000	<10	150	500		
31	SC24	985051	Squaw Creek 13th Street	120	190	1200	170	11	600	2600	Not Sampled	960	240	520	650	230	dry	500	380
32	SC28	985030	Brookside Park (6th St.)	160	260	1200	260	11	530	2000	560	1000	210	1400	-	250	dry	330	710
33	SC35	985107	College Creek at Wilder	130	150	860	350	9.7	260	190	3400	2400	4600	1400	270	31	2400	110	63
34	SC34	985025	College Creek at South Dakota/Clemens	270	890	730	1400	8.5	250	530	550	540	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
35	SC38	985083	Ames Middle School Site 2 (west site)	240	130	350	1900	6.7	260	510	310	520	200	280	(empty vial)	350	1700		1100
36	SC37	985084	Ames Middle School Site 3	530	190	570	4400	6	-	Not Sampled	Not Sampled	410	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
37	SC32	985009	College Creek (at State Ave.)	330	620	1500	1000	7	290	650	930	380	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
38	SC49	985072	College Creek ISU Arboretum	Not Sampled	290	3300	3300	5.1	860	Not Sampled	1500	820	720	300	85	440	dry	240	1300
39	SC53	985095	College Creek near Ash Avenue	Not Sampled	370	9800	1400	5.7	580	640	1200	350	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
40	SC31	985015	College Creek (near Elwood Drive)	2800	270	7700	1900	5.7	1000	990	1000	290	930	380	580	340	26000	2200	
41	SC54	985096	Pammel Creek above 6th Street	Not Sampled	170	Not Sampled	250	2	530	7700	120	50	empty vial	160	8700	85	330		4400
42	SC55	985097	CyRide Creek above Elwood	Not Sampled	10	Not Sampled	1100	0.43	120	610	3100	250	5500	110	410	300	20		
43	SC29	985016	Tributary to College Creek (Elwood Dr. & 6th St.)	5200	390	Not Sampled	660	1.1	1500	4400	930	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
44	SC56	985098	South Stuart Smith Park (stormwater drainage)	Not Sampled	30	8200	450	2.2	50	Not Sampled	160	110	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
45	SC33	985040	Squaw Creek at Fourth St. bridge in Ames	310	220	1700	330	11	880	570	320	960	190	200	2300	150	dry	320	
46	SC42	908014	Worrell Creek (County Line Road)	150	Not Sampled	2100	130	14	1400	400	<10	440	lot Sample	Not Sampled	Not Sampled	Not Sampled			
47	SC44	985082	Komar Creek (tributary to Worrell)	4200	140	1600	1600	12	1500	110	60	620	270	85	dry	180	dry	190	
48	SC43	985064	Worle Creek	300	240	2800	470	12	2400	200	190	710	240	190	370	620	dry	31	
49	SC36	985068	Squaw Creek near South Maple	64	170	1400	330	11	860	1700		Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
	SC58	985100	Worrell Creek above Elwood	Not Sampled	420	1900	<10	11	420	170	100	810	Not Sampled	Not Sampled	Not Sampled	Not Sampled			
51	SC40	985028	Worrell Creek (South 16th Street)	170	240	1300	240	12	3300	250	50	830	190	410		380	dry	110	
52	SC41	985029	South Branch Worrell Creek (below Creekside Dr)	Not Sampled	27	1900	560	7.9	360	320	360	160	230	1300	820	1600		210	
53	SC57	985099	Near Squaw Creek Drive (stormwater drainage)	Not Sampled	170	9800	1000	0.64	680	90	2900	20	880	63	8700	<10	<10		
54	SC39	985039	Squaw Creek at Duff Avenue in Ames	160	240	1000	270	11	840	440	310	960	(empty vial)	360	660	130		410	

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