

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 | |
|------|---------|---------------|---|-----------------------|---------------------------|------------------------|---------------------------|-----------------------|---------------------------|-------------|
| 1 | SC1 | 940010 | Squaw Creek at Hwy 175 | 90 | 40 | 170 | 80 | 860 | 400 | 20 |
| 2 | SC45 | 940014 | Crooked Creek, N branch | 540 | 90 | 350 | 100 | 250 | 1600 | 220 |
| 3 | SC46 | 940015 | Crooked Creek, S branch | 430 | 120 | 190 | 120 | 570 | 620 | 170 |
| 4 | SC2 | 940009 | Squaw Creek at 390th Street | 110 | 10 | 1400 | 230 | 930 | (empty vial) | 630 |
| 5 | SC3 | 908031 | Squaw Creek - 110th St & U Ave. | 250 | 81 | 1400 | 110 | 750 | 230 | 210 |
| 6 | SC4 | 908028 | Glacial Creek (trib to Squaw Creek; U Ave south of 110th St) | 110 | 20 | 770 | 70 | 560 | 790 | 160 |
| 7 | SC5 | 908036 | Talynn's North Sample Site | 140 | 120 | 420 | 60 | 520 | 5200 | 840 |
| 8 | SC6 | 908035 | No Name Creek - North of 120th and Y | 45 | 30 | 160 | 550 | 720 | 2500 | 90 |
| 9 | SC7 | 908026 | Beard/Mackie (Squaw Creek) | 20 | 110 | 1400 | 130 | 1700 | 1700 | 250 |
| 10 | SC10 | 908034 | Squaw Creek at 150th St. | 170 | 300 | 1100 | 110 | 650 | 2500 | 320 |
| 11 | SC8 | 908019 | Montgomery Creek 1 | 360 | 140 | 1200 | 240 | 2500 | 360 | 1100 |
| 12 | SC11 | 908020 | Montgomery Creek 2 | 210 | 160 | 990 | 160 | 960 | 440 | 360 |
| 13 | SC12 | 908021 | Prairie Creek 1 | 180 | 220 | 1100 | 460 | 1300 | 570 | 500 |
| 14 | SC13 | 908022 | Prairie Creek 2 | 280 | 430 | 2200 | 710 | 1800 | 5500 | 660 |
| 15 | SC9 | 908029 | Bluestem Creek (trib to Squaw Creek; 150th St East of X Ave) | 200 | 320 | 1600 | 360 | 1900 | 1500 | 1100 |
| 16 | SC14 | 908016 | Squaw Creek @ 170th St. Bridge | 100 | 270 | 1600 | 380 | 810 | 5500 | 620 |
| 17 | SC16 | 985034 | Squaw Creek above Gilbert Creek | 170 | 240 | 1300 | 220 | 930 | 4600 | 100 |
| 18 | SC15 | 985041 | Gilbert Creek above Squaw Creek | 560 | 470 | 320 | 280 | 490 | 780 | 110 |
| 19 | SC17 | 908023 | Onion Creek (North Branch at V Avenue Bridge) | 420 | 40 | 630 | 200 | 430 | Not Sampled | 280 |
| 20 | SC21 | 908024 | Onion Creek (North fork of the South Branch at V Ave and 210th) | 170 | 45 | 500 | 120 | 290 | Not Sampled | 6100 |
| 21 | SC20 | 908025 | Onion Creek (South fork of the South Branch at V Ave) | 100 | 81 | 370 | 70 | 1900 | Not Sampled | DRY |
| 22 | SC19 | 908030 | Onion Creek at R-38 (Co. Line Rd) | 60 | 63 | 740 | 120 | 530 | 2100 | 490 |
| 23 | SC22 | 985027 | Onion Creek (Reactor Woods) | 240 | 90 | 680 | 170 | 400 | 4400 | |
| 24 | SC18 | 985031 | Moore Park (Squaw Creek) | 200 | 240 | 1100 | 260 | 430 | 1400 | 180 |
| 25 | SC25 | 908055 | Clear Creek Boone (site north 25 feet) | 420 | 30 | 180 | 20 | 100 | 80 | 40 |
| 26 | SC27 | 985061 | Clear Creek Emma McCarthy Lee Bridge | 55 | 90 | 660 | 120 | 380 | 100 | 130 |
| 27 | SC48 | 985036 | Clear Creek (Hyland Avenue) | Not Sampled | 160 | 1500 | 310 | 990 | 340 | 290 |
| 28 | SC26 | 985077 | Clear Creek Pammel Woods | 960 | 170 | 960 | 230 | 720 | 290 | <10 |
| 29 | SC50 | 985088 | Squaw Creek at Stange | Not Sampled | 190 | 1500 | 420 | 550 | Not Sampled | 360 |
| 30 | SC23 | 985049 | AHS Tributary of Squaw Creek | 810 | 30 | 10000 | 4400 | 1000 | 50 | 560 |
| 31 | SC24 | 985051 | Squaw Creek 13th Street | 120 | 190 | 1200 | 170 | 600 | 2600 | Not Sampled |
| 32 | SC28 | 985030 | Brookside Park (6th St.) | 160 | 260 | 1200 | 260 | 530 | 2000 | 560 |
| 33 | SC35 | 985107 | College Creek at Wilder | 130 | 150 | 860 | 350 | 260 | 190 | 3400 |
| 34 | SC34 | 985025 | College Creek at South Dakota/Clemens | 270 | 890 | 730 | 1400 | 250 | 530 | 550 |
| 35 | SC38 | 985083 | Ames Middle School Site 2 | 240 | 130 | 350 | 1900 | 260 | 510 | 310 |
| 36 | SC37 | 985084 | Ames Middle School Site 3 | 530 | 190 | 570 | 4400 | - | Not Sampled | Not Sampled |
| 37 | SC32 | 985009 | College Creek (at State Ave.) | 330 | 620 | 1500 | 1000 | 290 | 650 | 930 |
| 38 | SC49 | 985072 | College Creek ISU Arboretum | Not Sampled | 290 | 3300 | 3300 | 860 | Not Sampled | 1500 |
| 39 | SC53 | 985095 | College Creek near Ash Avenue | Not Sampled | 370 | 9800 | 1400 | 580 | 640 | 1200 |
| 40 | SC31 | 985015 | College Creek (near Elwood Drive) | 2800 | 270 | 7700 | 1900 | 1000 | 990 | 1000 |
| 41 | SC54 | 985096 | Pammel Creek above 6th Street | Not Sampled | 170 | Not Sampled | 250 | 530 | 7700 | 120 |
| 42 | SC55 | 985097 | CyRide Creek above Elwood | Not Sampled | 10 | Not Sampled | 1100 | 120 | 610 | 3100 |
| 43 | SC29 | 985016 | Tributary to College Creek (Elwood Dr. & 6th St.) | 5200 | 390 | Not Sampled | 660 | 1500 | 4400 | 930 |
| 44 | SC56 | 985098 | South Stuart Smith Park (stormwater drainage) | Not Sampled | 30 | 8200 | 450 | 50 | Not Sampled | 160 |
| 45 | SC33 | 985040 | Squaw Creek at Fourth St. bridge in Ames | 310 | 220 | 1700 | 330 | 880 | 570 | 320 |
| 46 | SC42 | 908014 | Worrell Creek (County Line Road) | 150 | Not Sampled | 2100 | 130 | 1400 | 400 | <10 |
| 47 | SC44 | 985082 | Komar Creek (tributary to Worrell) | 4200 | 140 | 1600 | 1600 | 1500 | 110 | 60 |
| 48 | SC43 | 985064 | Worle Creek | 300 | 240 | 2800 | 470 | 2400 | 200 | 190 |
| 49 | SC36 | 985068 | Squaw Creek near South Maple | 64 | 170 | 1400 | 330 | 860 | 1700 | |
| 50 | SC58 | 985100 | Worrel Creek above Elwood | Not Sampled | 420 | 1900 | <10 | 420 | 170 | 100 |
| 51 | SC40 | 985028 | Worrell Creek (South 16th Street) | 170 | 240 | 1300 | 240 | 3300 | 250 | 50 |
| 52 | SC41 | 985029 | South Branch Worrell Creek (below Creekside Dr) | Not Sampled | 27 | 1900 | 560 | 360 | 320 | 360 |
| 53 | SC57 | 985099 | Near Squaw Creek Drive (stormwater drainage) | Not Sampled | 170 | 9800 | 1000 | 680 | 90 | 2900 |
| 54 | SC39 | 985039 | Squaw Creek at Duff Avenue in Ames | 160 | 240 | 1000 | 270 | 840 | 440 | 310 |
| | | (urban sites) | Meets A1-A3 Primary Contact standard of 235 cfu/100 ml | | | | | (main branch) | | |
| | | | Exceeds A2 Secondary Contact standard of 2880 cfu/100 ml | | | | | | | |