

Volunteer	Snapshot site	Site	Date	Start time	Water temperature (degrees C)	Dissolved oxygen (mg/L)	Dissolved oxygen (% saturation)	pH units	Chloride (mg/L)	Orthophosphate (mg/L)	Nitrate-N (mg/L)	Transparency (cm)	comments
Dan Barr	SC01	Ioway Creek @ Hwy 175	5/17/2022	15:00	13	8	70	8	0	0	10	60	
Dan Barr	SC02	Ioway Creek @ 390th Street	5/17/2022	16:30	14	6	50	8	0	0	10	60	
Tom Gust	SC04	Glacial Creek @ U Ave	5/17/2022	11:15	12	10	90	7	<32	0	10	60	
Tom Gust	SC07	Ioway Creek @ E18	5/17/2022	10:20	14	10	95	7	<32	0.1	20	60	Fast current, clean water; several toads, blue heron, eagle, heard geese, eagle; deer and raccoon tracks on sandbar
Margaret Jaynes and Dan Jaynes	SC09	Bluestem Creek @ 150th St	5/17/2022	11:40	13	12	108	8	<32	0	20	60	Nitrite 0 mg/L. Site is pasture with upland in row crops.
Margaret Jaynes and Dan Jaynes	SC10	Ioway Creek @ 150th St	5/17/2022	12:10	15	12	116	8	<32	0	10	60	Nitrite 0 mg/L. Site has grassy banks lined with trees
Jeremy Johannsen and Taylor O'Bryan	SC11	Montgomery Creek @ V Ave	5/17/2022	9:50	12	8	73	8	<32	0	20	60	0.3 mg/L nitrite
Jeremy Johannsen and Taylor O'Bryan	SC13	Prairie Creek @ V Ave	5/17/2022	10:34	14	12	110	8	<32	0	10	60	Nitrite 0.15 mg/L
Margaret Jaynes and Dan Jaynes	SC14	Ioway Creek @ 170th St	5/17/2022	12:50	14	12	112	8	<32	0	10	60	Nitrite 0 mg/L. Lots of swallows. Site is wooded
Taylor Jorgensen	SC15	Gilbert Creek @ 190th St	5/17/2022	10:40	14	8	77	8	30	0.1	20	50	
Taylor Jorgenson	SC16	Ioway Creek @ 190th St	5/17/2022	10:45	12	10	90	8	30	0.1	20	50	
Ed Engle	SC18	Ioway Creek @ Moore Park (Ames)	5/17/2022	20:15	15	8	80	8	30	0.1	5	60	
Dan Haug	SC22	Onion Creek @ Reactor Woods (Ames)	5/17/2022	16:55	15	10	100	8	39	0	10	60	Nitrate 14 mg/L with Deltares app, 0 nitrite. Steep bank, poison ivy, and mud make this site difficult to access. Heard barred owl. Lots of brownish green filamentous algae on streambed.
Bob Hartzler	SC23	AHS Tributary of Ioway Creek (Ames)	5/17/2022	13:30	13	10	93		86	0	5	60	sampled at the bridge for bike path that goes from Bruner Drive to south of high school
Bob Hartzler	SC24	Ioway Creek @ 13th St	5/17/2022	14:00	16	10	100		36	0.1	10	60	sampled about 100 yds southeast of 13 <sup>th</sup> St bridge
Dan Haug	SC25	Clear Creek @ 220th St	5/17/2022	12:30	11	12	110	8	39	0	10	60	Just below culvert with drop that oxygenates water.
Ed Engle	SC28	Ioway Creek @ Brookside Park (Ames)	5/17/2022	19:00	15	8	80	7	36	0	5	60	
Ed Engle	SC31	College Creek @ Stuart Smith Park (Ames)	5/17/2022	19:45	14	8	76	7	117	0.1	2	60	
Liz Calhoun	SC33	Ioway Creek @ S Fourth St (Ames)	5/17/2022	10:30	15	8	80	8	33	0	5	60	
Jaime Chambers and Ben Rearick	SC35	College Creek @ Wilder Blvd (Ames)	5/17/2022	16:08	12	8	73		39	0	10	60	Missing pH strips. Nitrite 0 mg/L
Liz Calhoun	SC39	Ioway Creek @ Duff Ave (Ames)	5/17/2022	9:55	15	8	80	8	33	0	20	60	
Susan Fritzell	SC40	Worrell Creek @ S 16th St	5/17/2022	18:00	16	8	80		46	0.1	10	60	No pH strips
Susan Fritzell	SC41	S Worrell Creek @ Creekside Dr (Ames)	5/17/2022	18:20	15	8	70	8	46	0.1	10	60	No pH strips
Dan Barr	SC45	Crooked Creek @ 370th St	5/17/2022	15:30	13	8	70	8	45	0	10	60	
Dan Barr	SC46	Crooked Creek S Branch @ Inkpaduta Ave	5/17/2022	16:00	13	6	50	7	0	0.1	10	60	
Jaime Chambers and Ben Rearick	SC48	Clear Creek @ Hyland Ave (Ames)	5/17/2022	16:51	15	8	80		39	0	10	60	Missing pH strips. Nitrite 0.05 mg/L
Dan Haug	SC49	College Creek @ ISU Arboretum (Ames)	5/17/2022	16:55	14	12	110	8	71	0.1	5	60	Nitrate 4.6 mg/L with Deltares app, 0 nitrite.
Bob Hartzler	SC50	Ioway Creek @ Stange Rd	5/17/2022	13:45	16	12	118	8	36	0.1	10	60	sampled under the east side of bridge