

| <b>Site</b> | <b>Sampled?</b> | <b>Sampled by</b>         | <b>Date</b> | <b>Time</b> |
|-------------|-----------------|---------------------------|-------------|-------------|
| SC2         | Y               | Rick Dietz                | 10/17/2010  | 10:45 AM    |
| SC3         | Y               | Rick Dietz                | 10/17/2010  | 10:05 AM    |
| SC4         | Y               | Rick Dietz                | 10/17/2010  | 10:25 AM    |
| SC5         | Y               | Rick Dietz                | 10/17/2010  | 9:40 AM     |
| SC7         | Y               | Tom Gusl                  | 10/17/2010  | 12:15 PM    |
| SC8         | Y               | Gaylan Crim               | 10/16/2010  | 12:37 PM    |
| SC9         | Y               | Rick Dietz                | 10/17/2010  | 11:30 AM    |
| SC10        | Y               | Rick Dietz                | 10/17/2010  | 10:15 AM    |
| SC11        | Y               | Gaylan Crim               | 10/16/2010  | 12:07 PM    |
| SC12        | Y               | Lloyd Crim                | 10/16/2010  | 1:02 PM     |
| SC13        | Y               | Lloyd Crim                | 10/16/2010  | 11:37 AM    |
| SC14        | Y               | Tom Gust                  | 10/17/2010  | 11:30 AM    |
| SC15        | Y               | Jeff White, Don Wall      | 10/17/2010  | 2:55 PM     |
| SC16        | Y               | Jeff White, Don Wall      | 10/17/2010  | 2:30 PM     |
| SC18        | Y               | Michael Sundberg          | 10/17/2010  | 3:39 PM     |
| SC19        | Y               | Susan Fritzell            | 10/17/2010  | 2:40 PM     |
| SC22        | Y               | Susan Fritzell            | 10/17/2010  | 2:11 PM     |
| SC23        | Y               | Michael Sundberg          | 10/17/2010  | 2:37 PM     |
| SC24        | Y               | Ed Engle                  | 10/17/2010  | 2:50 PM     |
| SC26        | Y               | Michael Sundberg          | 10/17/2010  | 1:25 PM     |
| SC27        | Y               | Dieter Dellmann, Jean Dow | 10/17/2010  | 1:20 PM     |
| SC28        | Y               | Rick Dietz                | 10/17/2010  | 12:05 PM    |
| SC31        | Y               | Anita Maher-Lewis         | 10/17/2010  | 2:50 PM     |
| SC33        | Y               | Erv Klaas                 | 10/17/2010  | 12:00 PM    |
| SC35        | Y               | Anita Maher-Lewis         | 10/17/2010  | 1:55 PM     |
| SC38        | Y               | Ron Schuclt               | 10/17/2010  | 2:00 PM     |
| SC39        | Y               | Erv Klaas                 | 10/17/2010  | 11:10 AM    |
| SC40        | Y               | Laura Merrick             | 10/17/2010  | 1:35 PM     |
| SC41        | Y               | Ed Engle                  | 10/17/2010  | 1:26 PM     |
| SC43        | Y               | Laura Merrick             | 10/17/2010  | 2:18 PM     |
| SC44        | Y               | Laura Merrick             | 10/17/2010  | 2:47 PM     |
| SC49        | Y               | Ron Schuclt               | 10/17/2010  | 1:30 PM     |
| SC54        | Y               | Erv Klaas                 | 10/17/2010  | 1:00 PM     |
| SC55        | Y               | Erv Klaas                 | 10/17/2010  | 12:35 PM    |
| SC57        | Y               | Ed Engle                  | 10/17/2010  | 2:00 PM     |

| <b>Weather</b>             | <b>Water Odor</b> | <b>Water Color</b> | <b>Animals?</b> | <b>What type? How many?</b> |
|----------------------------|-------------------|--------------------|-----------------|-----------------------------|
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | Yes             | 1; muskrat                  |
| Sunny, Light breeze        | None              | Clear              |                 |                             |
| Sunny, Calm                | None              | Clear              | Yes             | raccoons, deer, cattle      |
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | Yes             | raccoons, deer              |
| Sunny, Calm                | None              | Clear              | No              | raccoons, deer              |
| Sunny, Calm                | None              | Clear              |                 | raccoons, deer              |
| Sunny, Light breeze        | None              | Clear              |                 |                             |
| Sunny                      | None              | Clear              | No              |                             |
| Sunny                      | None              | Clear              | No              |                             |
| Sunny, Partly Sunny, Windy | None              | Clear              | No              |                             |
| Sunny                      | None              | Clear, Brown       | No              |                             |
|                            | None              | Clear              | No              |                             |
| Sunny, Partly Sunny, Calm  | None              | Clear, Milky, Gray | No              |                             |
| Sunny                      | None              | Clear              | No              |                             |
| Sunny, Partly Sunny, Calm  | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear              | No              |                             |
| Sunny                      |                   | Clear              | No              |                             |
| Sunny, Calm                | None              | Clear, Green       | No              |                             |
| Sunny                      | None              | Clear, Brown       | No              |                             |
| Sunny, Windy               | None              | Clear, Oily Sheen  | No              |                             |
| Sunny, Calm                | None              | Clear, Green       | No              |                             |
| Sunny                      | None              | Clear              | No              |                             |
| Sunny                      | None              | Clear              | Yes             | 2; geese                    |
| Sunny                      | None              | Clear              | No              |                             |
| Sunny                      | None              | Clear              | Yes             | 2: cattle                   |
| Sunny, Windy               | None              | Clear              | No              |                             |
| Sunny, Windy               | None              | Clear              | No              |                             |
| Sunny, Calm                |                   | Clear              | No              |                             |
| Sunny                      | None              | Clear              | No              |                             |

| Tile lines? | How many? | Flowing? | LB - Cut Eroding | LB - Cut Vegetated | LB - Sloping | LB - Sand/Gravel Bar |
|-------------|-----------|----------|------------------|--------------------|--------------|----------------------|
| No          |           |          | x                |                    |              |                      |
| No          |           |          | x                |                    |              | x                    |
| Yes         | 1         | Yes      |                  |                    | x            |                      |
| No          |           |          | x                | x                  |              |                      |
|             |           |          | x                | x                  |              | x                    |
| No          |           |          |                  |                    | x            | x                    |
| No          |           |          | x                |                    | x            | x                    |
| No          |           |          | x                | x                  |              | x                    |
| No          |           |          | x                | x                  |              | x                    |
| No          |           |          |                  |                    | x            |                      |
| No          |           |          | x                | x                  |              |                      |
| No          |           |          | x                | x                  |              | x                    |
| No          |           |          | x                |                    | x            | x                    |
| Yes         | 1         | Yes      | x                |                    | x            | x                    |
| No          |           |          | x                | x                  |              |                      |
| No          |           |          |                  |                    | x            |                      |
| No          |           |          |                  | x                  | x            |                      |
| Yes         | 1         | No       |                  | x                  | x            |                      |
| No          |           |          |                  | x                  |              |                      |
| Yes         | 1         | Yes      | x                | x                  |              | x                    |
| No          |           |          |                  |                    | x            |                      |
| No          |           |          |                  | x                  |              |                      |
| Yes         | 4         | Yes      | x                | x                  |              |                      |
| No          |           |          | x                |                    |              | x                    |
| No          |           |          |                  |                    |              |                      |
| No          |           |          |                  | x                  | x            | x                    |
| Yes         | 2         | Unknown  | x                | x                  | x            | x                    |
| No          |           |          | x                |                    |              |                      |
| Yes         | 1         | Yes      | x                | x                  |              |                      |
| No          |           |          |                  | x                  |              |                      |
| Yes         | 1         | Yes      |                  |                    |              |                      |



RB -  
RB- Rip/Rap    Constructed    RB - Other

x

x

water level at nr

x

x

x

x

x

horse  
ek drains from unive

x

## Comments

tree and grass corridor  
muskrat swimming upstream; large deep pool at sample area  
cattle in pasture east of creek; new sand bar; erosion on east

The entire stream is coming out of a culvert, this is the only pipe present

normal low flow; flood of August '10 changed channel from left bank to right bank below bridge; large gravel

fresh raccoon tracks in mud on right bank; water level at normal low flow

water impoundment and culvert just upstream

major cut bank since last monitoring  
farms and corrals upstream; small stream, slight current, low flow, saw school of minnows swimming upstream  
university power plant and Cy Ride bus garage; soccer field on left side; stream bed littered with leaves, debris,

| ALU -<br>Row | ALU -<br>Crop | ALU -<br>Pasture | ALU -<br>Urban | ALU -<br>Industrial | ALU -<br>Timber | ALU -<br>Wetland | ALU -<br>Prairie | ALU -<br>Park | ALU -<br>Playground |
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| ALU -<br>Campground | ALU - Boating<br>Access | ALU - Nature<br>Trails | ALU -<br>Fence | ALU - Steep<br>Slopes | ALU -<br>Stairs/Walkway | ALU - Rural<br>Residential |
|---------------------|-------------------------|------------------------|----------------|-----------------------|-------------------------|----------------------------|
|---------------------|-------------------------|------------------------|----------------|-----------------------|-------------------------|----------------------------|

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ALU - Conservation  
Lands

ALU - Animal  
Feeding  
Operations/Lots

ALU - Other

New

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po'

**Comments**

**HUA -  
Swimming**

Grass corridor to Hwy 17 and timbered above Hwy pasture  
Timbered corridor

Small buffer-natural creek has moved into cornfield 50 yds up  
sand bar. Erosion on east bridge piling from summer floods. Cattle in pasture east of creek.

cattle in stream (pasture)  
cattle in stream, wooded pasture in flood plain

A park nearby

Swimming pool with parking

Golf course about 1 mile upstream

Golf course 1/4 mile upstream  
Busy street intersection  
trailer park

sewer cap near sample site

busy railroad on right side, busy street on left side  
water plant, turf managed soccer field, university campus, paved bike path along side of creek  
DOT lot upstream with salt storage

| HUA - Tubing | HUA - Water Skiing | HUA - Wind Surfing | HUA - Canoeing/Kayaking | HUA - Boating | HUA - Wading | HUA - Rafting |
|--------------|--------------------|--------------------|-------------------------|---------------|--------------|---------------|
|--------------|--------------------|--------------------|-------------------------|---------------|--------------|---------------|

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HUA -  
Hunting/Trapping

HUA -  
Fishing

HUA - Kids  
Playing

HUA - Other

HUA -  
None  
X

EHU - Streamside  
Roads

X

X

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| <b>EHU - Footprints<br/>or Paths</b> | <b>EHU -<br/>Dock/Platform</b> | <b>EHU - Livestock<br/>Watering</b> | <b>EHU - ATV/ORV<br/>Tracks</b> | <b>EHU - Rope<br/>Swings</b> | <b>EHU -<br/>Camping Sites</b> |
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EHU - Fire  
Pit/Ring

EHU - Fishing  
Tackle

EHU - Evidence  
of Kids' Play

EHU - Other

EHU -  
None

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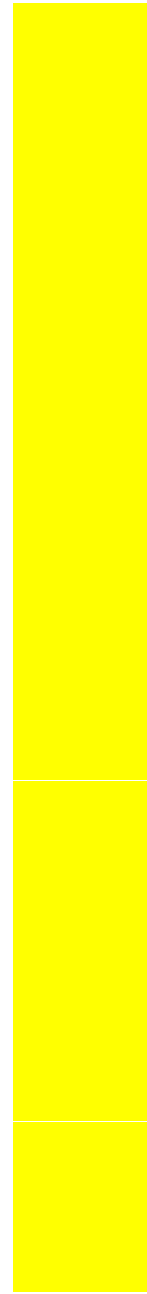
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| Transparency | Water Temp | Air Temp | pH | Nitrite-N | Nitrate-N | Dissolved Oxygen | Phosphate | Chloride |
|--------------|------------|----------|----|-----------|-----------|------------------|-----------|----------|
| 60+          | 50         | 50       | 9  | 0         | 2         | 10               | 0.1       | <32      |
| 60+          | 50         |          | 9  | 0         | 2         | 10               | 0.1       | 39       |
| 60+          | 52         |          | 8  | 0         | 2         | 10               | 0.2       | <32      |
| 60+          | 49         | 60       | 9  | 0         | 2         | 10               | 0.1       | <32      |
| 60           | 50         | 60       | 8  | 0         | 5         | 10               | 0.1       | 28       |
| 60+          | 58         |          | 9  | 0         | 0         | 12               | 0.1       | <25      |
| 60+          | 50         |          | 9  | 0         | 2         | 10               | 0.2       | <32      |
| 60+          | 52         |          | 9  | 0         | 2         | 12               |           | <32      |
| 60+          | 56         |          | 9  | 0.15      | 0         | 12               | 0.1       | <26      |
| 60+          | 57         |          | 9  | 0.15      | 0         | 12               | 0.2       | <25      |
| 60+          | 54         |          | 9  | 0.15      | 0         | 12               | 0.1       | <25      |
| 60           | 50         | 63       | 8  | 0         | 2         | 10               | 0.1       | 28       |
| 60+          | 58         |          | 9  | 0         | 2         | 10               | 0         | <29      |
| 60+          | 59         |          | 8  | 0         | 2         | 10               | 0.1       | 29       |
| 60           |            |          | 8  | 0         | 2         | 12               | 0.1       | <32      |
|              | 56         |          | 8  | 0         | 5         | 8                | 0.1       | 39       |
|              | 52         |          | 8  | 0         | 2         | 8                | 0.1       | <32      |
| 60           |            |          | 8  | 0.15      | 2         | 6                | 0.2       | 100      |
| 60+          | 40         |          | 8  | 0         | 2         | 10               | 0.1       | <29      |
| 60           |            |          | 8  | 0         | 2         | 6                | 0.1       | <32      |
| 60+          | 54         | 60       | 9  | 0         | 2         | 12               | 0.1       | <29      |
| 60+          | 52         |          | 9  | 0         | 2         | 12               | 0.2       | <32      |
| 60+          | 55         |          | 9  | 0         | 0         | 12               | 0.6       | 57       |
| 60+          | 44         | 60       | 9  | 0         | 0         | 10               | 0.1       | <29      |
| 60+          | 54         |          | 8  | 0         | 0         | 12               | 0         | 37       |
| 60+          | 47         |          | 9  | 0         | 1         | 6                | 0.2       | 57       |
| 60+          | 43         | 56       | 9  | 0         | 0         | 8                | 0.1       | <29      |
| 60           | 55         |          | 9  | 0         | 0         | 12               | 0.2       | <29      |
| 60+          | 44         |          | 8  | 0         | 0         | 12               | 0.2       | 35       |
| 60           | 55         |          | 9  | 0         | 0         | 10               | 0.2       | <29      |
| 60           | 56         |          | 9  | 0         | 0         | 10               | 0.3       | <29      |
| 60+          | 47         |          | 9  | 0         | 1         | 6                | 0.2       | 65       |
| 60+          | 52         | 66       | 9  | 0         | 0         | 8                | 0.1       | 102      |
| 60+          | 53         | 62       | 8  | 0         | 0         | 6                | 6         | 331      |
| 60+          | 50         |          | 8  | 0         | 2         | 8                | 0.2       | 264      |

| From Stream | Off Bridge | Other |
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**Safety comments**

Not a concern  
Not a concern  
Steep bank to water  
Steep banks to water  
Lots of traffic  
  
Not a concern  
Not a concern

Mud  
Bank to go down  
Not a concern

Not a concern it was in some woods behind a prairie  
No close by parking available  
Not a concern, it's in the woods

Not a concern, park trail

Steep slopes hard to get down

Not a concern  
High traffic, steep banks at all access points  
Need to park and then cross busy road with high traffic to access location

Not a concern  
Not a concern  
Not a concern  
Near busy intersection of 6th St and University Drive  
Not a concern; shallow constructed ditch