

PLC001 - Primary Lower Cottonwood River near New Ulm - Non-impacted stream/Western Corn Belt Plains

H2O

| Flow Type | Date | Time | Temp °C | Conductivity | DO | pH | TT 1 | TT 2 |
|------------|------------|-------|---------|--------------|-------|-----|------|------|
| Base Flow | 1/7/2003 | 12:40 | 0.4 | - | 12.38 | 7.9 | 60.0 | 60.0 |
| Base Flow | 2/20/2003 | 13:15 | 0.8 | | 10.58 | 7.4 | 60.0 | 60.0 |
| Base Flow | 3/19/2003 | 12:30 | 0.4 | | 13.27 | 7.2 | 15.0 | 15.0 |
| Base Flow | 4/3/2003 | 13:45 | 6.0 | | 12.92 | 7.4 | 60.0 | 60.0 |
| | 4/8/2003 | 13:45 | | | | | | |
| | 4/22/2003 | 11:15 | | | | | | |
| Storm Flow | 4/29/2003 | 13:45 | | | | | | |
| | 5/5/2003 | 10:00 | | | | | | |
| | 5/12/2003 | 14:49 | | | | | | |
| Storm Flow | 5/14/2003 | 15:04 | | | | | | |
| | 5/19/2003 | 16:00 | | | | | | |
| | 5/27/2003 | 11:55 | 18.3 | | 9.49 | | | |
| Storm Flow | 6/26/2003 | 14:00 | 20.2 | 800 | 7.83 | | | |
| | 6/30/2003 | 12:40 | | | | | | |
| Base Flow | 7/31/2003 | 14:50 | 24.8 | * | 9.14 | * | 26.8 | |
| Base Flow | 8/13/2003 | 14:54 | 28.9 | * | 9.37 | * | 21.0 | |
| Base Flow | 9/25/2003 | 13:50 | 14.9 | | 10.90 | | 43.0 | |
| Base Flow | 10/22/2003 | 13:40 | 14.4 | | 12.13 | | 44.2 | |
| Base Flow | 11/13/2003 | 13:35 | 2.5 | | 13.5 | | 60.0 | |
| Base Flow | 12/22/2003 | 11:55 | | | | | 60.0 | |

* = Meter Broke

PLC010 - Primary Lower Cottonwood River near Leavenworth - Non-impacted stream/Western Corn Belt Plains

H2O

| Flow Type | Date | Time | Temp °C | Conductivity | DO | pH | TT 1 | TT 2 |
|------------------|-----------|-------|---------|--------------|-------|----|------|------|
| | 5/5/2003 | 9:04 | | | | | | |
| Storm, Composite | 5/14/2003 | 13:53 | | | | | | |
| Composite | 5/19/2003 | 10:02 | | | | | | |
| | 5/27/2003 | 11:15 | | | | | | |
| Storm Flow, Grab | 6/26/2003 | 13:00 | 20.0 | 1000.00 | 7.43 | | | |
| | 6/30/2003 | 11:50 | | | | | | |
| Duplicate | 6/30/2003 | 11:50 | | | | | | |
| Base Flow | 7/31/2003 | 13:55 | 28.1 | * | 11.32 | * | 24.2 | |
| Base Flow | 8/13/2003 | 14:00 | 27.4 | * | 13.38 | * | 24.0 | |
| Base Flow | 9/25/2003 | 12:46 | 13.3 | | 10.90 | | 58.0 | |

* = Meter Broke

PLC005 - Primary Lower Sleepy Eye Creek near Cobden - Non-impacted stream/Western Corn Belt Plains

H2O

| Flow Type | Date | Time | Temp °C | Conductivity | DO | pH | TT 1 | TT 2 |
|-------------|-----------|-------|---------|--------------|------|----|------|------|
| | 5/5/2003 | 8:50 | | | | | | |
| | 5/12/2003 | 13:45 | | | | | | |
| | 5/13/2003 | 11:00 | | | | | | |
| | 5/27/2003 | 11:09 | | | | | | |
| Storm, Grab | 6/26/2003 | 12:20 | 17 | 800 | 6.60 | | | |
| | 6/30/2003 | 11:39 | | | | | | |
| | 7/31/2003 | 13:30 | 25.50 | * | 9.88 | * | 23.6 | |
| | 8/13/2003 | 13:14 | 25.70 | * | 6.60 | * | 23.0 | |
| Base Flow | 9/25/2003 | 12:30 | 12.30 | | 9.38 | | 53.0 | |

*= Meter Broke

PMC020 - Primary Middle Cottonwood River near Lambertton - Non-impacted stream/Western Corn Belt Plains

H2O

| Flow Type | Date | Time | Temp °C | Conductivity | DO | pH | TT 1 | TT 2 |
|-------------|-----------|-------|---------|--------------|-------|-----|------|------|
| | 4/17/2003 | 9:34 | | | | | | |
| | 4/22/2003 | 10:15 | | | | | | |
| | 5/6/2003 | 13:43 | 10.8 | | 10.40 | 8.0 | 43.0 | 44.0 |
| | 5/14/2003 | 13:10 | | | | | | |
| | 5/19/2003 | 14:16 | | | | | | |
| | 5/28/2003 | 12:45 | | | | | | |
| Grab, Storm | 6/26/2003 | 11:15 | 18.2 | 1000 | 7.35 | | | |
| | 6/30/2003 | 10:17 | | | | | | |
| | 7/31/2003 | 12:55 | 26.4 | * | 10.94 | * | 19.8 | |
| | 8/13/2003 | 12:53 | 24.3 | * | 8.36 | * | 22.0 | |
| Base Flow | 9/25/2003 | 11:10 | 11.2 | | 9.58 | | 28.0 | |

*= Meter Broke

TUP - Tertiary Plum Creek near Walnut Grove - Non-impacted stream/Western Corn Belt Plains

H2O

| Flow Type | Date | Time | Temp °C | Conductivity | DO | pH | TT 1 | TT 2 |
|--------------------|-----------|-------|---------|--------------|-------|-----|------|------|
| | 5/6/2003 | 9:43 | 10.0 | | 11.42 | 8.2 | 45.0 | 44.0 |
| | 5/14/2003 | 12:30 | | | | | | |
| | 5/19/2003 | 13:39 | | | | | | |
| | 5/28/2003 | 12:20 | | | | | | |
| Storm, ISCO sample | 6/26/2003 | 10:30 | 15.8 | 920.00 | 8.40 | | | |
| | 6/30/2003 | 9:50 | | | | | | |
| | 7/31/2003 | 12:10 | 22.2 | * | 7.80 | * | 35.2 | |
| | 8/13/2003 | 11:36 | 22.2 | * | 5.08 | * | 22.0 | |
| Base Flow | 9/25/2003 | 10:00 | 8.8 | | 11.77 | | 38.0 | |

*= Meter Broke