\*\*\* NORTHEAST DISTRICT BIOTIC INDEX REPORT \*\*\*

Sample: 20080915-31-03 (yyyymmdd-Co-Field#) Reference Site: NO

Waterbody:UNNAMED TRIB. TO EAST TWIN R Master Waterbody #: 3000211

Project: TREGA STREAM CLASSIFICATION Storet Station:

Collector: BEHNCKE, JEFF/RIEBE, JUSTIN Time Sampling: 3.0 MIN # Reps: 1

Sampling Device: 1. D Frame

Taxonomist: DIMICK, JEFFREY

Sorter: WANGBERG, LYNN % Sample Sorted: 7

SWIMS ID:10029040 Name: Key: 0

===============================================================================

Location-Legal: S 0 T 0N R 0 County: KEWAUNEE

 Lat/Long: N44deg 26min 24.2sec W 87deg 39min 56.0sec

 Method: GARMIN GPS

 Description: SLEEPY HOLLOW RD BRIDGE

===============================================================================

 Width Depth Temp DO Measured Est Velocity

 HBI ft ft øC mg/l Vel fps fps Habitat

General 9.8 0.7 14.7 9.12 Fast (1.5- > ) 1. Riffle

Rep #1 6.325

Rep #2 0.000

Rep #3 0.000

Rep #4 0.000

Rep #5 0.000

Aquatic Vegetation 0 % of Total Stream Channel at Sampling Site

===============================================================================

Substrate at Rep Location %:

 Bedrock Boulders Rubble Gravel Sand Silt Clay Detritus Muck Debris/Veg

Rep #1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Substrate Sampled %: (Same as Above NO )

 Bedrock Boulders Rubble Gravel Sand Silt Clay Detritus Muck Debris/Veg

Rep #1 0.0 0.0 60.0 20.0 20.0 0.0 0.0 0.0 0.0 0.0

Rep #2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Rep #5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

===============================================================================

 NP=Not Present Pollutant Sources:

Water Quality Indicators: I=Insignificant Livestock Pasturing NP

Turbidity NP S=Significant Barnyard Runoff \*

Chlorine/Toxic Scour \* Cropland Runoff NP

Macrophytes NP Factors Affecting Habitat: Tile Drains \*

Filamentous Algae I Sludge Deposits NP Septic Systems \*

Planktonic Algae \* Silt and Sediment NP Streambank Erosion NP

Slimes \* Channel Ditching NP Urban Runoff \*

Iron Bacteria \* Impoundments \* Construction Runoff NP

Perceived Water Quality Low Flows NP Point Source (Spec) \*

 at Site: Wetlands \* Other (Specify) \*

Comments: Comments: Comments:

 \*\*\* NORTHEAST DISTRICT BIOTIC INDEX REPORT \*\*\*

 SAMPLE ID# 20080915-31-03 PAGE 1

 \*\*\* TAXA \*\*\* SPECIES TAXA TOL ORGANISM ORGANISM

 STATUS KEY VAL ID COUNT

 CODE USED REP1 REP2 REP3

 EPHEMEROPTERA

 BAETIDAE

 BAETIS

 BRUNNEICOLOR \*1 4.00 02010101 2 0 0

 FLAVISTRIGA \*1 4.00 02010104 1 0 0

 TRICHOPTERA

 HYDROPSYCHIDAE \*1 04040000 1 0 0

 CHEUMATOPSYCHE

 \*\*UNIDENTIFIED\*\* \*1 5.00 04040100 25 0 0

 HYDROPSYCHE

 BETTENI \*2 6.00 04040201 5 0 0

 CERATOPSYCHE

 SLOSSONAE \*2 4.00 04040706 1 0 0

 PHILOPOTAMIDAE

 CHIMARRA

 ATERRIMA \*1 4.00 04110101 3 0 0

 COLEOPTERA

 ELMIDAE

 DUBIRAPHIA

 \*\*UNIDENTIFIED\*\* \*3 6.00 07020200 1 0 0

 QUADRINOTATA \*3 5.00 07020203 2 0 0

 OPTIOSERVUS

 \*\*UNIDENTIFIED\*\* \*3 4.00 07020500 11 0 0

 FASTIDITUS \*3 4.00 07020501 12 0 0

 DIPTERA

 EMPIDIDAE

 HEMERODROMIA

 \*\*UNIDENTIFIED\*\* \*1 6.00 08070200 1 0 0

 SIMULIIDAE

 SIMULIUM

 \*\*UNIDENTIFIED\*\* \*4 08110200 1 0 0

 TANYPODINAE

 THIENEMANNIMYIA "COMPLEX

 \*\*UNIDENTIFIED\*\* \*5 6.00 08274500 2 0 0

 ORTHOCLADIINAE

 CORYNONEURA

 \*\*UNIDENTIFIED\*\* \*5 7.00 08300800 1 0 0

 PARAMETRIOCNEMUS

 \*\*UNIDENTIFIED\*\* \*5 5.00 08303000 4 0 0

 \*\*PUPAE\*\* \*6 08303002 1 0 0

 TVETENIA

 PAUCUNCA \*5 4.00 08304806 1 0 0

 TANYTARSINI

 MICROPSECTRA

 \*\*UNIDENTIFIED\*\* \*5 7.00 08310300 1 0 0

 CHIRONOMINI

 MICROTENDIPES

 PEDELLUS GROUP \*5 6.00 08322501 8 0 0 \*\*\* NORTHEAST DISTRICT BIOTIC INDEX REPORT \*\*\*

 SAMPLE ID# 20080915-31-03 PAGE 2

 \*\*\* TAXA \*\*\* SPECIES TAXA TOL ORGANISM ORGANISM

 STATUS KEY VAL ID COUNT

 CODE USED REP1 REP2 REP3

 DIPTERA

 CHIRONOMINI

 PARATENDIPES

 \*\*UNIDENTIFIED\*\* \*5 8.00 08323200 1 0 0

 ISOPODA

 ASELLIDAE

 CAECIDOTEA

 INTERMEDIA \*7 8.00 10010101 69 0 0

 \*\*\* TOTALS: \*\*\* 154

 0

 0

 \*\*\* BIOTIC INDEX: \*\*\* 6.325

 Taxanomic Key Code Ref: Species Status Codes:

 \*1 Hilsenhoff 1995,82

 \*2 Schmude, Hils. 1986

 \*3 Hils., Schmude 1992

 \*4 Hilsenhoff, unpubl.

 \*5 Epler 2001

 \*6 Coffman, Ferring. 96

 \*7 Williams 1972