\*\*\* 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

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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

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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

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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