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

Sample: 20080915-31-04 (yyyymmdd-Co-Field#) Reference Site: NO

Waterbody:UNNAMED TRIB. TO EAST TWIN R Master Waterbody #: 3000212

Project: TREGA STREAM CLASSIFICATION Storet Station:

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

Sampling Device: 1. D Frame

Taxonomist: DIMICK, JEFFREY

Sorter: JACKSON, JEREMY % Sample Sorted: 13

SWIMS ID:10029041 Name: Key: 0

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

Lat/Long: N44deg 25min 44.6sec W 87deg 40min 47.4sec

Method: GARMIN GPS

Description: CHERNYVILLE RD.

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Width Depth Temp DO Measured Est Velocity

HBI ft ft øC mg/l Vel fps fps Habitat

General 4.3 0.7 24.3 0.88 Slow (0.2-0.5) 2. Run

Rep #1 9.948

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 0.0 40.0 20.0 10.0 0.0 30.0 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 \*

Macrophytes NP Factors Affecting Habitat: Tile Drains \*

Filamentous Algae NP Sludge Deposits \* Septic Systems \*

Planktonic Algae \* Silt and Sediment NP Streambank Erosion \*

Slimes \* Channel Ditching S Urban Runoff \*

Iron Bacteria NP Impoundments \* Construction Runoff NP

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

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

Comments: Comments: Comments:

UPSTREAM & LOCAL

CHANNELIZATION

DISSOLVED OXYGEN

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

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

STATUS KEY VAL ID COUNT

CODE USED REP1 REP2 REP3

ODONATA

LIBELLULINAE

PLATHEMIS

LYDIA \*1 8.00 03090601 1 0 0

DIPTERA

\*\*UNIDENTIFIED\*\*

\*2 08000200 1 0 0

TIPULIDAE

HELIUS

\*\*UNIDENTIFIED\*\* \*3 4.00 08140400 1 0 0

CHIRONOMIDAE

\*\*LARVAE\*\* \*3 08250001 1 0 0

CHIRONOMINI

CHIRONOMUS

\*\*UNIDENTIFIED\*\* \*4 10.00 08324400 151 0 0

\*\*PUPAE\*\* \*5 08324401 1 0 0

TROMBIDIFORMES \*6 11000000 1 0 0

OLIGOCHAETA

TUBIFICIDAE \*7 16030000 9 0 0

\*\*\* TOTALS: \*\*\* 166

0

0

\*\*\* BIOTIC INDEX: \*\*\* 9.948

Taxanomic Key Code Ref: Species Status Codes:

\*1 Needham et al. 2000

\*2 Merritt et al. 1996

\*3 Hilsenhoff 1995

\*4 Epler 2001

\*5 Coffman, Ferring. 96

\*6 Smith, Cook 1991

\*7 Brinkh., Gelder 1991