\*\*\* 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