

## MUSKINGUM RIVER

### STOCKPORT MILL COUNTRY INN HYDROELECTRIC PROJECT (P-11685)

#### A. SUMMARY

1. License Issued: December 7, 2000
2. Expiration: November 30, 2040
3. Waterway: Muskingum River
4. Capacity: 0.235 MW (megawatts)
5. Licensee: Stockport Mill Country Inn (Stockport)
6. Counties: Morgan County, Ohio
7. Dam: Lock and Dam owned by Ohio Department of Natural Resources (DNR), Division of Parks and Recreation
8. Federal Lands: None
9. Developments
  - a. Muskingum Dam No. 6
    - 20 ft high, 482 ft long
    - The power generated will be used for the Stockport Inn.
    - Powerhouse with two units
10. Settlement Agreement: N/A

#### B. IMPORTANT PROVISIONS AND REQUIREMENTS IN LICENSE/SA

##### 1. *Flows* [Reference: License Article 402]

Minimum flow release from Stockport dam

April 1 – June 30	2000 cfs (cubic feet per second)
July 1 – March 31	750 cfs

Minimum flow through turbines – 40 cfs

Maximum flow through turbines – 315 cfs

This restriction is there to avoid bank erosion and protect water quality.

##### 2. *Water Quality (WQ)* [Reference: License Article 403]

Stockport will develop a WQ monitoring plan which will include measures to enhance dissolved oxygen (DO) when it falls below 5 mg/L. When the DO level falls below 5 mg/L, the project is required to be shut down.

##### 3. *Trashrack* [Reference: License Article 404]

Stockport will rebuild the trashrack parallel to the flow of river. The maximum flow speed in front of the trashrack will be 1.5 ft per second.

4. *Recreation Plan* [Reference: License Article 405]

Stockport is required to install a dock that allows access to the river for canoeing and fishing.

C. MAP OF DEAD RIVER BASIN



Figure 1. Muskingum River Map (Source: Great Outdoor Recreation Pages)