

ATTACHMENT 54 – *KALAMAZOO RIVER CURRENT VELOCITY*

**MP 608 – Marshall, Michigan Incident
NTSB/PHMSA Information Request No. 75**

75 Reference: Email request by Matt Nicholson on October 1, 2010

Preamble:

Request:

Provide the method (as discussed in section 4.2 of the HCA Management Plan), supporting data and calculations for determining the velocity of the Kalamazoo river in the HCA Management Plan. Document #9 under references.

Required by: October 12th, 2010

Response:

The velocity used in the Kalamazoo River was 2.9 miles per hour. This estimate was based on velocity measurements reported from a nearby U.S.G.S. gauging station where the average velocity was 1.44 miles per hour.

U.S.G.S. gauging station :
Kalamazoo River
Marshall, MI
#4103500