

**MP 608 – Marshall, Michigan Incident
NTSB/PHMSA Information Request No. 40**

40 Reference: August 30, 2010 Email Request from Matthew Nicholson

Preamble:

Request: Where, why and since when has Marshall been prone to column separation (e.g. just downstream of Marshall pumping station or upstream of Marshall or closer to Stockbridge)? What is the reason for this column separation (elevation change)? Is this fluid flowing upstream and away from the Marshall Suction manifold or is it a runaway column on the downstream side of Marshall? What other stations are prone to column separation?

Response:

Marshall has not historically been prone to column separation. However, at times when Line 6B is shut down, column separations have occurred downstream of Stockbridge between Howell and Sarnia. Typically, column separation occurs due to elevation change.