

Quassaick Creek Watershed Alliance

QC below Brookside Ave-Winona Lake

Date: Feb. 22, 2012 Time: from 1:30 to 3:00 PM Air Temp: 50 plus

Stream Name: Quassaick Creek

Location: Orange Co, Town of Newburgh

Road name @ stream crossing: Brookside Ave. (adjacent Brookside Ave and below Winona lake)

Participants: John Gebhards, Simon Gruber, Peter Smith, Ted Kohlmann

Report Contact: John Gebhards

Past 48 hour weather conditions: Partly sunny and very mild

Describe Steam Conditions: (algae growth, aquatic plants, marsh, wooded swamp, bank erosion, impoundments, channelization, litter) and Riparian Conditions: (residential or industrial development, agriculture, feed lots, quarries, woodlands)

Up Stream conditions: Winona Lake

Down Stream conditions: Extremely eroded stream channel with fallen large trees choking stream channel.

Property Owners: Winona Lake Homeowners Assoc. 60-4-1 (12.1A); George Contreras 71-4-1 (res. lot); Marketplace 97-1-13.3 (3.4A) & 20.3 (6.2A); Frank Carbone 67-5-19 (res. lot); Town of Newburgh 60-3-2 (2.3A)

Stream Flow: fast cascade

Stream width: 20 ft to ~200 feet

Comments: The purpose of this tour was to determine means of establishing an ongoing means of monitoring the severe erosion taking place downstream of the breached Winona Lake spillway.

Recommendation: Establish a base line along the top of the dam and measure distance to the edge of the eroded bank. Map the location of trees on bank and periodically document by re-measuring and photos any further erosion progress. Establish similar monitoring on opposite bank (left bank).

Photos: 2/22/12

Erosion downstream from Winona Lake. The left side of the photo (right bank of stream*) is the downstream side of the Winona Lake Dam. In this photo Quassaick Creek flows toward the foreground. The stream flows between the small evergreen on the left bank, center photo, and the prominent boulder, just below the evergreen that is situated on the right bank.

* standard stream nomenclature designates right and left banks as one faces downstream.



View of Quassaick Creek looking up stream with the eroding back side of the dam on photo left.