Flood plain modeling was prepared by Kawartha Conservation's engineering department.

Orthophotography (16cm) collected November 8th, 2012

LiDAR (Light Detection and Ranging) survey data collected November 4th, 5th, 6th, and 7th,
This map is prepared for use in conjunction with the Flood Plain Mapping Study Mariposa Brook, 2019.

Flood plain modeling was prepared by Kawartha Conservation's engineering department. Additional flood plain modeling was done in cooperation with Kawartha Conservation's GIS department.

Aero-Photo Inc. SCOOP 2013 orthophotography was used to supplement 2012 orthophotography.

Contours produced by Kawartha Conservation GIS staff using LiDAR and GTAFBS 2002 data.

Notes:
1. This map is a water-level index map. It is not intended as a flood elevation map. Flood plains are shown as areas below the 100-year flood level.
2. Map 1: River name and water level index.

City of Kawartha Lakes Printed: February 2020
This map is prepared for use in conjunction with the Flood Plain Mapping Study Mariposa Brook, 2019.

The flood inundation areas were delineated using the DEM derived from LiDAR by Kawartha Orthophotography (16cm) collected November 8th, 2012 by Aero-Photo (1961) Inc.
Notes:
1) LiDAR (Light Detection and Ranging) survey data collected November 4th, 5th, 6th, and 7th,
2) The flood inundation areas were delineated using the DEM derived from LiDAR by Kawartha
3) Flood plain modeling was prepared by Kawartha Conservation's engineering department.
4) Input parameters were extracted from base mapping prepared by Kawartha Conservation's GIS