






# Omeme East Tributary Flood Plain Map City of Kawartha Lakes

**Legend**

-  Main Channel
-  Cross Section
-  1.0 Metre Contour
-  0.5 Metre Contour
-  Regulatory Flood Line



**Notes:**

- 1) LIDAR (Light Detection and Ranging) survey data collected November 4th, 5th, 6th, and 7th, 2012 by Aero-Photo (1963) Inc.
- 2) Contours produced by Kawartha Conservation GIS staff using LIDAR.
- 3) Field Survey of structures by Kawartha Conservation, using RTK GPS.
- 4) Orthophotography (16cm) collected November 8th, 2012 Aero-Photo Inc. SCOP 2013 orthophotography was used to supplement 2012 orthophotography. SCOP 2013 Copyright Queen's Printer 2013.
- 5) The flood inundation areas were delineated using the DEM derived from LIDAR by Kawartha Conservation's GIS department.
- 6) Flood plain modeling was prepared by Kawartha Conservation's engineering department. Input parameters were extracted from base mapping prepared by Kawartha Conservation's GIS department.
- 7) This map is prepared for use in conjunction with the Flood Plain Mapping Study Omeme East Tributary, 2016.
- 8) \*\* Flood elevation determined by Pigeon River dam, not by riverine flooding.

REVISIONS			
No.	Description	By	Date
1	Omeme East Tributary Flood Plain Map	CP	Oct 2016

