








PROJECTION:
UNIVERSAL TRANSVERSE MERCATOR, ZONE 17
NORTH AMERICAN DATUM, 1983










North-South Environmental Inc.

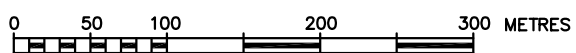
LEGEND

LIST OF OPPORTUNITIES

-  AGRICULTURAL AND MANICURED LANDS - OPPORTUNITY FOR CREATION OF GRASSLAND HABITAT
-  BUFFER AROUND SUGAR MAPLE-BEECH DECIDUOUS FOREST TYPE F0D5-2
-  30 METRE BUFFER AROUND ALL HABITATS - OPPORTUNITY FOR BUFFER ALONG CREEK AND AROUND COLUMBIA LAKE
-  STREAM CHANNEL EROSION - OPPORTUNITY FOR CORRECTION USING BIOENGINEERING TECHNIQUES
-  GROUNDWATER DISCHARGE ZONE

CONCEPT ELEMENTS FOR COLUMBIA LAKE

- | | | |
|--|--|---|
|  LAKE |  EMERGENT MARSH |  ISLAND |
|  STREAM CHANNEL |  WETLAND FRINGE |  CONTAINMENT BERM |
|  LITTORAL SHELF |  WET MEADOW |  DIRECTION OF FLOW |



CH2MHILL

PROJECT No. 121392

UNIVERSITY OF WATERLOO
WATERLOO ENVIRONMENTAL RESERVE

**FIGURE ES-10
PROPOSED RESTORATION INITIATIVES**