**Legend**

1:20 AEP Base Case Inundation Depth

- **Greater than 2.0 m**
- **1.5 m - 2.0 m**
- **1.0 m - 1.5 m**
- **0.5 m - 1.0 m**
- **0.0 m - 0.5 m**

**Cross Sections**
**Rivers**
**Normal Water Surface**
**Roads**

**Notes:**

1. All contours shown are in meters. Contour interval is 2 m.
2. Coordinates are based on WTM Zone 5, North American Datum 1983.
3. Inundation extending beyond HEC-RAS model coverage is assumed.
4. Topographic contours were produced from LiDAR data obtained in 2010. Contours denote extent of LiDAR coverage area.
5. Flood information for displayed cross sections is available in Table 5-18.

**Scale**

0 125 250 375 500 Meters
Legend

1:20 AEP Base Case Inundation Depth

Cross Sections

0.5 m - 1.0 m 1.5 m - 2.0 m

0.0 m - 0.5 m 1.0 m - 1.5 m

Normal Water Surface

Rivers

Roads

Notes:

1. ALL CONTOURS SHOWN ARE IN METERS. CONTOUR INTERVAL IS 2 M.

2. COORDINATES ARE BASED ON MTM ZONE 3, NORTH AMERICAN DATUM 1983.

3. INUNDATION EXTENDING BEYOND HEC-RAS MODEL COVERAGE IS ASSUMED.

4. TOPOGRAPHIC CONTOURS WERE PRODUCED FROM LIDAR DATA OBTAINED IN 2010. CONTOURS DENOTE EXTENT OF LIDAR COVERAGE AREA.

5. FLOOD INFORMATION FOR DISPLAYED CROSS SECTIONS IS AVAILABLE IN TABLE 5-18.
**Legend**

1:20 AEP Base Case Inundation Depth

- Greater than 2.0 m
- 1.5 m - 2.0 m
- 1.0 m - 1.5 m
- 0.5 m - 1.0 m
- 0.0 m - 0.5 m

Cross Sections: Rivers; Roads; Normal Water Surface

**Notes:**

1. All contours shown are in meters. Contour interval is 2 m.
2. Coordinates are based on MTM Zone 3, North American Datum 1983.
3. Inundation extending beyond HEC-RAS model coverage is assumed.
4. Topographic contours were produced from LiDAR data obtained in 2010. Contours denote extent of LiDAR coverage area.
5. Flood information for displayed cross sections is available in Table 5-18.

**Government of Newfoundland and Labrador**

Hydrotechnical Study of Stephenville Crossing / Black Duck Siding Area

Black Duck Siding
1:20 AEP Base Case Inundation Depth Mapping

Figure DD - 4

Scale: 1:5,000

Date: March 2012

HATCH

336193
Legend

1:20 AEP Base Case Inundation Depth

- Greater than 2.0 m
- 1.5 m - 2.0 m
- 1.0 m - 1.5 m
- 0.5 m - 1.0 m
- 0.0 m - 0.5 m

Cross Sections

Rivers

Normal Water Surface

Notes:

1. ALL CONTOURS SHOWN ARE IN METERS. CONTOUR INTERVAL IS 2 M.
2. COORDINATES ARE BASED ON MTM ZONE 3, NORTH AMERICAN DATUM 1983.
3. INUNDATION EXTENDING BEYOND HEC-RAS MODEL COVERAGE IS ASSUMED.
4. TOPOGRAPHIC CONTOURS WERE PRODUCED FROM LIDAR DATA OBTAINED IN 2010. CONTOURS DENOTE EXTENT OF LIDAR COVERAGE AREA.
5. FLOOD INFORMATION FOR DISPLAYED CROSS SECTIONS IS AVAILABLE IN TABLE 5-18.