

Appendix B – Photos



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Mahogany Creek – views downstream and upstream along creek corridor from Manotick Main Street (1, 2), Bridgeport Avenue (3, 4) and Century Road East (5, 6). Storm sewer outlet at Potter Drive (7) drains eastwards (8) to Mahogany Creek near Manotick Main Street. Photo 1 shows outlet of Mahogany Creek to the Rideau River immediately downstream (east) of Manotick Main Street. Photo 8 shows pedestrian path and footbridge installed in fall 2014. Photos 1-7 taken August 7, 2014; Photo 8 taken Sept. 25, 2015.



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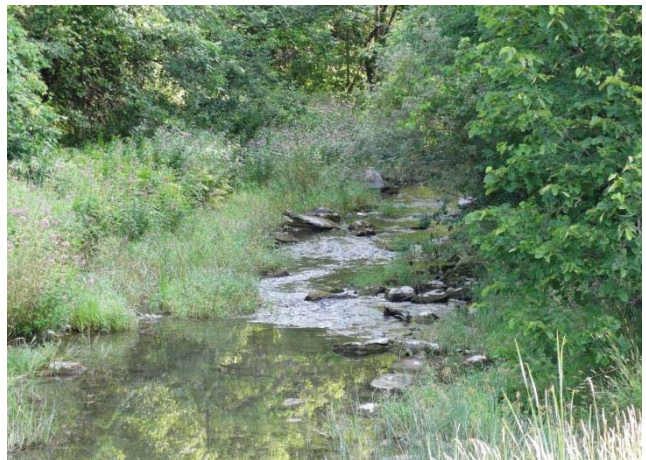
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Mud Creek – views downstream (9) and upstream (10) from Rideau Valley Drive, showing outlet to Rideau River (9). Rideau Valley Drive bridge crossing (11) located immediately upstream of outlet to Rideau River. Shoreline naturalisation planting area identified on City property along the east side of Rideau Valley Drive (12).

Views downstream (13, 14) and upstream (15) from Bankfield Road, showing large pooled section (13) that changes to a shallow riffle farther downstream (14).

All photos taken July 29, 2014.

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Mud Creek – views downstream (16) and upstream (17) from pedestrian footbridge (18) linking McManus Avenue and Carrison Drive.

The RVCA has identified potential erosion control opportunities downstream of this bridge crossing, and riparian planting opportunities along this section of the creek as far upstream as Gray Willow Drive.

All photos taken July 29, 2014.

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Mud Creek – informal crossing (ford) between Gray Willow Drive and Carrison Drive, as seen from the western valley slope. Photo 19 was taken on April 13, 2011 and shows the stormwater outfall installed as part of the Special Design Area development. Photo 20 was taken on July 29, 2014 and shows dense vegetation growth within the valley. This crossing is located on a City-owned road allowance. It provides access for farm equipment to reach the western Mahogany Community lands, as well as public access across the creek. However, local residents have indicated that improvements to the crossing are needed. The RVCA has identified potential fish habitat enhancement and riparian planting opportunities just downstream of this crossing.

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Mud Creek – views downstream and upstream from First Line Road (21, 22), Century Road East (23, 24), and Second Line Road South (25, 26). Photo 26 also shows Highway 416 bridge crossing Mud Creek upstream (west) of Second Line Road South.

Photo 27 shows Mud Creek under Second Line Road South bridge. Barn swallows were observed nesting here (see Photo 47).

Photo 24 taken April 8, 2015. All other photos taken July 29, 2014.

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Mud Creek – views downstream and upstream from Prince of Wales Drive, west of Highway 416 (28, 29), and Third Line Road North (30/31, 32).

Photos 30 and 31 show downstream view from Third Line Road North prior to and following municipal drain maintenance work.

Painted turtle, great blue heron observed upstream of Third Line Road North (site of Photo 32).

Photo 31 taken April 8, 2015. All other photos taken July 29, 2014.

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Mud Creek and tributaries – views downstream from Century Road West / Third Line Road North (33), Fourth Line Road (34), Brophy Drive west of Third Line Road North (35), Bowrin Road allowance west of McCordick Road (36), Carsonby Road West (37, 38) and Carsonby Road East road allowance (39).

Photos 37 and 38 show downstream view from Carsonby Road West, east of Fourth Line Road, prior to and following tile drain installation.

Photo 39 shows site of recent culvert replacement and other maintenance work along David Adams Drain.

Photos 33, 35 and 36 taken July 29, 2014; Photos 34, 37 taken August 8, 2014; Photos 38, 39 taken April 8, 2015.

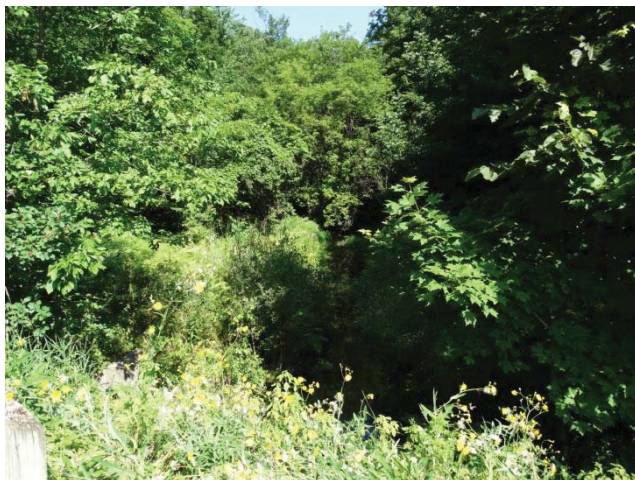
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Wilson Cowan Drain – views downstream and upstream from Bankfield Road (40, 41), Potter Drive (42, 43), and Century Road East (44, 45). The Wilson Cowan Drain outlets to Mud Creek north of Bankfield Road (see treeline in background of Photo 40).

As part of this study, two additional sections of this creek's valley have been shown to meet the City's criteria for significance. The entire system downstream (north) of Potter Drive is therefore considered to be a significant valleyland. The creek and its tributary upstream (south) of Potter Drive have also been identified as a natural linkage between the significant valleyland and the Manotick Drumlin Woods on the Mahogany Community lands to the south (see woodlands in background of Photo 44).

Photos 40 and 41 taken October 29, 2014. All other photos taken August 7, 2014.

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Wildlife – Photo 46 shows a great blue heron in breeding plumage on April 8, 2015; a nesting colony is located in the large woodland located north of Carsonby Road East (along the David Adams Drain), and herons were commonly seen foraging along the watercourses in the study area. Photo 47 shows a barn swallow nest underneath the bridge at Second Line Road South; the swallows were present on July 29, 2014. Photo 48 shows a very large snapping turtle in Mud Creek downstream of Century Road East on July 29, 2014; painted turtles were also seen in several locations within the study area, as far upstream as Third Line Road North and Century Road West. Photo 49 shows a walleye that was captured near the mouth of Mud Creek by the City Stream Watch fish sampling crew in May 2014. Photo 50 shows a school of minnows in the Wilson Cowan Drain downstream of Potter Drive on August 7, 2014. Photo 51 shows brook stickleback in the Hill Drain culvert at Malakoff Road on July 29, 2014. In headwater regions, culverts often provide refuge for small fish, frogs and other aquatic life during low-flow periods.