



To: Mr. Paul Odom From: Nancy Harttrup

MOE Kitchener

File: 160950269 Date: March 7, 2014

Reference: Niagara Region Wind Farm; Additional Information for Water Assessment and Water

**Body Report** 

## Paul:

As we discussed in our conference call on February 28, please find the attached table that lists where you can find the required supporting information for features that were not classified as Water Bodies as a result of our site investigations.

The table lists the following:

- Specific figure number in the Figure 3 series of the Water Assessment/Water Body Report
- Location of photographs in Appendix B of the report. Appendix B is organized by watershed, as per the titles in the title block in the bottom right corner of each page. The photos are organized by watershed and project feature in the following order:
  - o Big Forks Creek (collector line sites)
  - o Fifteen, Sixteen, Eighteen Mile Creek (collector line sites)
  - Grand River (collector line sites)
  - o Lincoln (Municipality) (collector line sites)
  - o Upper Welland River (collector line sites)
  - Twenty Mile Creek (collector line sites)
  - o Big Forks Creek (turbines)
  - o Central Welland River (turbines)
  - o Fifteen, Sixteen, Eighteen Mile Creek (turbines)
  - Grand River (turbines)
  - Lake Erie North Shore (turbines)
  - o Twenty Mile Creek (turbines)
  - Upper Welland River (turbines)

The accompanying table lists the watershed name/ project feature where the photographs are located. Photographs of a number of sites that were not classified as Water Bodies were not included in the photologs in the report but are stored in our electronic project folders.

• Location of field data sheets within Appendix C. A full PDF of Appendix C is provided on the accompanying FTP site emailed to you with this information package. The page numbers in this column refer to the PDF page number that appears in the upper left corner of Adobe (i.e. the pages are not numbered in the document).



March 7, 2014 Mr. Paul Odom Page 2 of 2

Reference: Niagara Region Wind Farm; Additional Information for Water Assessment and Water Body Report

At the time field work was conducted, turbines were identified using a three-digit numbering system (e.g. T008). The final layout and documents for the project use a two-digit number (e.g. T08). For this reason, turbine numbers and station numbers on the field sheets differ somewhat with respect to turbine number. Furthermore, many of the field sheets where sites were assessed for water bodies in the vicinity of turbines include an 'R11' prefix before the turbine number. The R11 was later removed from the numbering system however the turbine numbers are still applicable.

As indicated in the 'Comments' column, there are a number of sites that were investigated as they appeared as drainage areas on aerial photography. In many cases there was no corresponding NRVIS/MNR map layer. In such cases, the sites were assigned a station number to document that site assessments had been completed however the segments were not highlighted in accompanying maps (since there was no corresponding MNR layer.)

Please contact me if you have any questions or need additional information.

STANTEC CONSULTING LTD.

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Attachment: Supplementary Table

c. Mark Pomeroy - Stantec Chris Powell - Stantec

Subwatershed/Watercourse	Water Body Station(s)*	Non-Water Body Station(s)*	Report Figure No.	Photo Number/ Location	Field Notes (Appendix C) (page within PDF file)	Comments
NIAGARA PENINSULA CONS	SERVATION AUTHORITY					
Lincoln (Municipality) (LIN)						
hirty Mile Creek	5-1, 5-2, 1-1,1-3,					
		6-1	3.3	Lincoln (Municipality) (Collector Line)	Page 12	Located outside of ZOI, along Thirty Road, just north of Kemp Road East.
ake Ontario 24	2-2					
		1-2	3.1	No photos in report	Page 402	Surficial drainage
eamsville Creek	4-1, 3-3, 3-2, 3-1, 2-3					
		3-1	3.2	Lincoln (Municipality) (Collector Line)		Not a REA Water Body on the west side of Mountainview Road, is a REA Water Body on the east side.
		3-2	3.2 and 3.3	Lincoln (Municipality) (Collector Line)	Page range 1 to 189 (in numerical order)	REA Water body crosses Mountainview Road, small tributary (not a REA Water Body) converges on west side of road.
		4-1	3.3	Lincoln (Municipality) (Collector Line)		Just north of Locust Lane along Mountainview Road, surficial drainage. South of Locust Lane it is a grassed swale on the east and a REA Water Body on the west and a REA Water Body flowing south from Locust Lane.
Twenty Mile Creek (TWEN)						
Spring Creek	9-1, 8-1, WR2, WR1, FR1, FR4, FR3, SGR3-3, SGR3-2, Younge-1, SGR3-1			Not in photolog but photos on		No culvert beneath road; mapped MNR layer along north side of road should have been mapped as "non-Water
		FR2	3.4	file if needed	Page 210 (CL Fly Rd. 2)	Body"
wenty Mile Creek	11-2					
		12-1	3.7	Upper Welland River (collector line)	Page 18	surficial drainage
		11-1	3.7 (but not labelled)	Twenty Mile Creek (collector line)	Page 16	Label missing from Figure 3.7; feature located near the north edge of the map (northeast of label for Regional Road 20)
		1				
North Creek	13-1, 13-3, T088-1a, T088-1b, 16-3, 18-1					
North Creek	T088-1a, T088-1b,	13-1	3.8	No photos in report	No field sheet for reach	Two non-Water Bodies located on the east and west side of South Grimsby Road 6 drain into the main tributary that is classified as a Water Body (also station 13-1). Field sheet describes only the Water Body reach but field maps confirm the site was visited and the reaches were not considered Water Bodies.
orth Creek	T088-1a, T088-1b,	13-1 13-2	3.8	No photos in report  No photos in report	No field sheet for reach Page 20	is classified as a Water Body (also station 13-1). Field sheet describes only the Water Body reach but field maps

Subwatershed/Watercourse	Water Body Station(s)*	Non-Water Body Station(s)*	Report Figure No.	Photo Number/ Location	Field Notes (Appendix C) (page within PDF file)	Comments
		18-1	3.9	Twenty Mile Creek (collector line)	Page 28	West side of Port Davidson Road is surficial drainage; east side of Port Davidson Road a REA Water Body.
		T088-2	3.8	Lake Erie North Shore (turbine)	See R11T088-2(Page 352)	
		T088-1a T088-1b	3.8	Twenty Mile Creek (turbine)	See R11T088-1 a/b (Page 350 and 351)	T088-1a is a REA Water Body along the southern portion of the farm; not a Water Body through farm to Woods Rd. T088-1b – small non-Water Body segment drains from east side of Woods Road to the main Water Body of T088-1
		T083-1,2,3	3.8 and 3.9	Twenty Mile Creek (turbine)	See R11T083 (Page 346)	T083-1,2,3 is labelled as T083-1 on Figure 3.8/3.9 and is surficial drainage through ag field (1,2,3 are the reaches within this non-Water Body).
		T085-1	3.10 (but not labelled)	Twenty Mile Creek (turbine)	See R11 T085-1 (Page 349)	Not labelled in Figure 3.10; feature located in top right corner near north arrow.
Fifteen, Sixteen, Eighteen Mile	Creeks (FSEM)					
Sixteen Mile Creek	51-1, 52-1, 61-1, T028, T079-2A, T079-2C, T079-1, T018-1, T004-1 to T004-4, T004-6, T058-1, T059-2, T059-4					
		T079-2B	3.20 (but labelled on map as 1079-2a)	No photos in report		
		T018-3 T018-2	3.17	Fifteen, Sixteen, Eighteen Mile Creek (turbine)		T018-3 located just outside ZOI. T018-2 isolated temporarily ponded area on ZOI border just north of train tracks (not labelled on Figure 3.17)
		T004-5	3.16 (not labeled)	No photos in report	Page range 214 to 378 (in numerical order)	Not an MNR water feature and not a REA Water Body, not labeled on Figure 3.16.
		T059-2	3.16 (labelled as 59-2)	Fifteen, Sixteen, Eighteen Mile Creek (turbine)	(	T059-2 is labelled as "59-2" on Figure 3.16 but they are the same feature. This feature is a Water Body northwest o the access road but not a Water Body to the southeast.
		T059-3	3.16	Fifteen, Sixteen, Eighteen Mile Creek (turbine)		T059-3 is a roadside ditch lined with cattails. It was also assessed farther upstream at 62-1 (Fifteen Mile Creek) as not a Water Body. In Table 3.1 of the Water Assessment/Water Body Report, this station was inadvertently included in the Water Body station list.
Fifteen Mile Creek	18-1, 54-1, 55-1, 56-4, 57-2, 57-3, 58-2, 58-1, 60-1					
		56-1	3.16	Fifteen, Sixteen, Eighteen Mile		
		56-2	3.16	Creek (collector line) (56-3 identified as R1156-3 in photolog)	Page range 110 to 115 (in numerical order)	56-2 – surficial drainage through agricultural field west of Hodgkins Road. Not an MNR feature and not a REA Water Body. Map incorrectly labels it on top of T004-2, which is a REA Water Body.
		56-3	3.16	. 57		
		54-1	3.15		No field sheet	54-1 is a REA Water Body on the north side of Fifteen Road and not a REA Water Body on the south side. Field maps confirm the site was visited and the reach was not considered a Water Body.
		57-1	3.16	1	Page 118	

Subwatershed/Watercourse	Water Body Station(s)*	Non-Water Body Station(s)*	Report Figure No.	Photo Number/ Location	Field Notes (Appendix C) (page within PDF file)	Comments
		58-2	3.18		No field sheet	58-2 is a REA Water Body on the south side of road only.
		58-3	3.18		Page 130	
		58-1	3.18		Page 124	58-1 is a REA Water Body on the east side of road only.
		59-1	3.19		Page 126	
		59-2	3.19		Page 127	
		62-1	3.16	No photos in report	No field sheet	62-1 is a continuation of 59-3, just re-assessed farther upstream.
		T027	3.13 but not labelled	No photos in report		
		T057	3.15	Fifteen, Sixteen, Eighteen Mile	Page range 214 to 378 (in numerical order)	
		T056	3.15	Creek (collector line).	, , , , , , , , , , , , , , , , , , ,	T056 is the non REA Water Body portion of 54-1, accidentally assessed twice.
Upper Welland River (UWR)						
Welland River	28-1, 29-1, 30-1, 31-2, 32-1, 35-3					
		29-1	3.37	Upper Welland River (collector line)	No field sheet for non- Water Body reach	29-1 – REA Water Body crosses Port Davidson Road. Non-REA Water Body drainage features located on both the east and west side of Port Davidson Road. Field maps confirm the site was visited and the reach was not considered a Water Body.
		30-1	3.37	Upper Welland River (collector line)	No field sheet for non- Water Body reach	30-1 has both a REA Water Body and non-Water Body sections . The non-REA Water Body drainage feature is located just north of the Water Body feature. Field maps confirm the site was visited and the reach was not considered a Water Body.
		31-1	3.39	Upper Welland River (collector line)	Page 50	
Unnamed Tributary to UWR	T091, T041-2, T072-1, 6-2, 6-3					
		6-2	3.36	Upper Welland River (collector line)	Page 385	6-2 is a REA Water Body along the MNR feature and not a Water Body along the existing farm access road.
		T041-1	3.43	Upper Welland River (turbine)	Page range 214 to 378 (in numerical order)	T041-1 on map should have been labelled T041-2. The MNR feature associated with this label should have been highlighted as a WB in Figure 3.43 and was correctly assessed as a Water Body. The remainder of the field in the vicinity of Turbine 41 is characterized by surficial drainage.
Tributary to Welland River		T095	3.39 (labelled as T095-1)	Twenty Mile Creek (turbine)	Page range 214 to 378 (in numerical order)	T095 is labelled as T095-1 on the map, but they are the same feature (not a Water Body).
Central Welland River (CWR)						
Beaver Creek	23-2, 23-1, 27-1, 34-1, T008-3a, T008-3B, T008-1b, 3-4, 5-3					
		23-2	3.21	No photos in report	Page 39	23-2 is a REA Water Body on the south side of road only.
		34-2	3.38	No photos in report	Page 58	

Table 1: Niagara Region Wind Farm – Supplementary Table to the Water Assessment and Water Body Report (Stantec, April 2013)\* **Field Notes** Water Body **Non-Water Body Photo Number/** Subwatershed/Watercourse Report Figure No. (Appendix C) Comments Station(s)\* Station(s)\* Location (page within PDF file) T039 - refers to the field where Turbine 39 is located; field sheet indicates only surficial drainage. The surficial See R11T039 drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in T039 3.24 Central Welland River (turbine) (Page 287) Figure 3.24 (as a non-Water Body). T052-1 T052-2 No photos for T052-1, T052-6 T052-1 - dug pond (not labelled in Figure 3.21 but located just south of the Fifteen Road label near the top right T052-3 Page range 214 to 378 3.21 corner). (in numerical order) T052-4 Others: Central Welland River T052-5 (turbine) T052-6 T008-3a Page 239 3.22 Central Welland River (turbine) T008-3a – No additional information regarding the non-Water Body reach. T008-1a Page 236 T008-2 is NOT an MNR feature and is NOT a REA Water Body, small temporarily ponded area due to agricultural T008-2 3.21 No photos Page 238 activities; not labelled but located at the bottom of the map, near the centre, just below the T008-1a label. T008-4 - is NOT an MNR feature and is NOT a REA Water Body, small temporarily ponded area due to agricultural T008-4 3.21 Central Welland River (turbine) Page 241 activities, not labelled but located at the bottom of the map, near the centre on the west side of the proposed access road to Turbine 08 (T08), located on Figure 3.22 T081-A, T097-2, Black Ash Creek 19-3, 19-4, 19-5, 22-1, 36-3, 4-2 T081A - was inadvertently included as a non-Water Body (mapping also incorrect). This feature is a REA Water T081A 3.11 Central Welland River (turbine) Page 340 Body and was assessed as a Water Body in the Water Body Report. 19-1 3.11 Page 29 No photos in report 19-2 3.11 Page 30 No photos in report 24-1 3.24 No photos in report No field sheet T039-1 3.24 T039-1 is R11T039 in the photolog, Central Welland River (turbine) Page 287 T007 3.24 Central Welland River (turbine) Page 234 T007 is located just outside the ZOI, north of Turbine07. T097-1 - refers to the field where Turbine 97 is located, field sheet indicates only surficial drainage. The surficial T097-1 3.23 No photos in report Page 368 drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in Figure 3.23 (as a non-Water Body). T097-2 - main tributary crossing Silver Street is a REA Water Body, non-Water Body portion is a grassed swale that T097-2 3.23 Central Welland River (turbine) Page 369 converges with the main tributary just north of Silver Street. T097-3 - Isolated pond, NOT an MNR feature and not a Water Body Not labelled but located slight north and west T097-3 3.23 No photos in report Page 370 of T97 label along edge of ZOI. 20-1, 20-2, 36-1, Parker Creek T094-1, T093-2, T093-1B, T036-1, 4-3 4-4 3.26 No photos in report Page 383 T094-2 3.10 Central Welland River (turbine) T094-2 – NOT an MNR feature and not a Water Body (ploughed field) located outside ZOI

Page 359

T093-1A

3.11

Central Welland River (turbine)

Subwatershed/Watercourse	Water Body Station(s)*	Non-Water Body Station(s)*	Report Figure No.	Photo Number/ Location	Field Notes (Appendix C) (page within PDF file)	Comments
		CR4-1	3.12	No photos in report	Page 194	CR4-1 is CL-CR4-1 in field sheets is NOT an MNR layer and is not a REA Water Body (surficial drainage in ag field).
		CR4-2	3.12	No photos in report	Page 195	CR4-2 is CL-CR4-2 in field sheets and is NOT an MNR layer and is NOT a REA Water Body (surficial drainage and grassed swale).  CR4-2 is CL-CR4-2 in field sheets and consists of surficial drainage through agricultural field.
		CR4-3	3.11	No photos in report	Page 196	
Jnnamed Creek Tributary to CWR)	47-1, 47-2, 47-3, 48-1, 43-1, 44-1, 44-2, 36-2, 37-1, 38-1, 38-2, 35-1, 35-2, T001-1, T031-1,5,6,8, T031-11, T032, T055-1, CR4-11, CR4-5, CR4-8, CR4-12					
		35-1	3.29	Central Welland River (turbine)	Page 60	Outside of ZOI (just south of Collver Road and Freure Road). 35-1 is a REA Water Body on the east side of road only. 35-1 – REA Water Body on east side, grassed swale on west side.
		37-2	3.26	No photos in report	Page 74	37-2 - Not labelled on Figure 3.26; located on far right side of figure
		38-2	3.29	No photos in report	Page 78	38-2 – REA Water Body crosses Elcho Road. There is a mapped feature located just to the east (south of Elcho Road) that is not a Water Body. Field maps confirm the site was visited and the reach was not considered a Water Body.
		44-2	3.27	No photos in report	Page 89	44-2 is a REA Water body farther downstream where it crosses Regional Road 27 south of Silver Street. It is not a REA Water Body north of Silver Street (within the ZOI). Field maps confirm the site was visited and the reach was not considered a Water Body.
		45-1 45-2	3.28	No photos in report	Page 90, 91	
		50-1 50-2	3.14	No photos in report	Page 100, 101	
		T006	3.14	Central Welland River (turbine)	Page 232	T006 – outside ZOI, just north of Turbine 06.
		T038-1 T038-2	3.25	Central Welland River (turbine)	Page 283-285	
		T054	3.25	No photos in report	Page 312	T054 – refers to the field where Turbine 54 is located, field sheet indicates only surficial drainage. The surficial drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in Figure 3.25 (as a non-Water Body).
		T031-10	3.28	Central Welland River (turbine)	Page 271	
		T076	3.28	Central Welland River (turbine)	Page 331	T076 – refers to the field where Turbine 76 is located, field sheet indicates only surficial drainage. The surficial drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in Figure 3.28 (as a non-Water Body)

Table 1: Niagara Region Wind Farm - Supplementary Table to the Water Assessment and Water Body Report (Stantec, April 2013)\* **Field Notes** Water Body **Non-Water Body Photo Number/** Subwatershed/Watercourse Report Figure No. (Appendix C) Comments Station(s)\* Station(s)\* Location (page within PDF file) These sites were not in the NRVIS/MNR mapping layer, therefore were not delineated in Figure 3.12 (as a non-Water Body): CR4-4 - NOT an MNR feature and NOT a REA Water Body (roadside ditch). Map label missing but located 275 m east of Port Davidson Road and west of CR4-5. CR4-7: see CL-CR4 CR4-4 Watercourse 7 CR4-6 - NOT an MNR feature and NOT a REA Water Body (grassed swale). Map label missing but located on the CR4-6 south side of Concession 4 at the intersection of Patterson Road. (Page 200) CR4-7 3.12 No photos in report CR4-9: see CR4 CR4-7 - NOT an MNR feature and NOT a REA Water Body (grassed swale). Map label missing but located 136 m CR4-9 Watercourse 9 east of Patterson Road. CR4-10 (Page 202). CR4-9 - NOT an MNR feature and NOT a REA Water Body (roadside ditch). Map label missing but I located 412 m west of Shaw Road. CR4-10 - NOT an MNR feature and NOT a REA Water Body (grassed swale). Map label missing but located 95 m west of Shaw Road. CR4-13 - NOT an MNR feature and NOT a REA Water Body (grassed swale). Map label missing but located 135 m CR4-13 Page 206 3.14 No photos in report west of Regional Road 20. 55-2, 49-1, 46-1, 40-1, Sucker Creek T002-3, T033-1, T035H T002-1 3.31 Central Welland River (turbine) Page 215 T002-2 3.31 Central Welland River (turbine) Page 216 T034 - refers to the field where Turbine 34 is located, field sheet indicates only surficial drainage. Any surficial drainage features visible on air photos are not in the NRVIS/MNR mapping layer, therefore were not delineated in T034 3.32 No photos in report Page 278 Figure 3.32 (as a non-Water Body). T035H – refers to the field where Turbine 35 is located (both sides of Gee Road). Site assessment found no Water T035H 3.32 Bodies in the vicinity of Turbine 35, only a temporarily ponded area (not mapped). As indicated in Figure 3.2, there No photos in report Page 279 is a Water Body west of Gee Road. 39-1, 42-1, Welland River T078-1, T029-1, T029-3 T003 – refers to the field where Turbine 03 is located, field sheet indicates only surficial drainage. Any surficial T003 3.34 No photos in report Page 218 drainage features visible on air photos are not in the NRVIS/MNR mapping layer, therefore were not delineated in Figure 3.34 (as a non-Water Body). T078-2 Page 333 (R11T078H-2) 3.33 No photos in report Little Forks Creek 63-2, 8-2, 8-3 Upstream of and directly connected to 8-2. 63-1 should have been mapped as a Water Body throughout this reach. 63-1 No photos in report Page 137 3.40 Mitigation for 8-2 is applicable to the entire feature at this location. Big Forks Creek (BFC) Wolf Creek Drain West 65-3,10-1, 9-2 Big Forks Creek (collector line) 65-3 3.42 No photos in report for non-Page 144 65-3 - Field maps confirm the site was visited and the tributary reach was not considered a Water Body. Water Body reach T010 -refers to the field where Turbine 10 is located, field sheet indicates only surficial drainage. Any surficial Wolf Creek Drain East T010 3.41 No photos in report Page 242 drainage features visible on air photos are not in the NRVIS/MNR mapping layer, therefore were not delineated in Figure 3.41 (as a non-Water Body). T037 - refers to the field where Turbine 37 is located, field sheet indicates only surficial drainage. Any surficial drainage features visible on air photos are not in the NRVIS/MNR mapping layer, therefore were not delineated in T037 3.42 No photos in report Page 242 Figure 3.42 (as a non-Water Body).

Table 1: Niagara Region Wind Farm - Supplementary Table to the Water Assessment and Water Body Report (Stantec, April 2013)\* **Field Notes** Water Body **Non-Water Body** Photo Number/ Subwatershed/Watercourse Report Figure No. (Appendix C) Comments Station(s)\* Station(s)\* Location (page within PDF file) 65-4, 68-1, T012-1, T013-2, North Forks Drain T019-1, T082-1, T082-2 Not in the NRVIs/MNR mapping data and NOT a REA Water Body therefore not delineated on Figure 3.47. Site is a Big Forks Creek (turbine) T013-1 3.47 swale and is located in the northwest corner of Figure 3.47. Page 244 (Photo 7) (The label 'T013-1' on Figure 3.43 should read T012-1). 67-1 3.46 No photos in report Page 152 3.46 67-2 No photos in report Page 153 72-1, 71-1, Ellsworth Drain T065-1, 12-2 69-2, 69-1, 70-1, 66-2, 66-1, 65-2, 65-1, Big Forks Creek T013-3, 11-3, 13-4 to 13-7 11-3 3.47 No photos in report Page 391 11-3 - REA Water Body on east side of road, grassed swale on west side. 3.44 Big Forks Creek (collector line) 66-1 is a REA Water Body on the east side of road only. 66-1 Page 148 69-2 - REA Water Body on west side of Hutchison Road. Field maps confirm the site was visited and the reach was 69-2 3.48 No photos in report Page 158 not considered a Water Body. No photos of non-Water Body W65-1 is 65-1 in Figure 342. Field notes (map on back) indicates there is no surficial feature present on the west W65-1 3.42 Page 140 side of Welland Port Road (possible tile drainage). reach T013-4 3.47 No photos in report Page 248 13-6, 13-5, 74-1, 73-1, East Kelly Drain T089-1, T084-1, T089-3, T089-2 Big Forks Creek (collector line) 73-2 3.49 Page 166 75-1 – field sheets indicate it is a REA Water Body but this feature was incorrectly mapped as a non-Water Body. Big Forks Creek (collector line) 75-1 3.51 Page 173 Must be added to Water Body List. 75-2 - this feature was re-assessed as T089-1 (REA Water Body), which was included in the Water Body assessment. The MNR feature associated with this label should have been highlighted as a Water Body in 75-2 3.49 Page 353 Figure 3.49 however it was correctly assessed as a Water Body (see T089-1). T084-2 3.48 No photos in report Page 347 T024-1, 13-8, 14-1, Mill Race Creek 15-3, 15-4, 15-5, 15-6 Photos only of Water Body 15-4 - REA Water Body north/south along the east side of Hutchison Road. Not a Water Body on south side of segments; Big Forks Creek 15-4 3.53 Page 400 Feeder Canal Road. (collector line) T024-1 – is a REA Water Body along Concession 1, no surface feature in field to south. Field maps confirm the site Photos only of Water Body was visited and the reach was not considered a Water Body. T024-1 3.58 segment; Big Forks Creek Page 261 (turbine)

Table 1: Niagara Region Wind Farm – Supplementary Table to the Water Assessment and Water Body Report (Stantec, April 2013)*								
Subwatershed/Watercourse	Water Body Station(s)*	Non-Water Body Station(s)*	Report Figure No.	Photo Number/ Location	Field Notes (Appendix C) (page within PDF file)	Comments		
Welland Feeder Canal (WFC)								
Feeder Canal	79-1	79-1	3.55	No photos in report	Page 180	79-1 – is a REA Water Body along the north side of Canal Bank Road. Small non-REA drainage feature on the north side. Field maps confirm the site was visited and the reach was not considered a Water Body.		
Lake Erie North Shore (LENS)								
Hoover Drain	T049-1							
Low Banks Drain	83-1, 83-2, T016-1, T044, T061-1							
		T016-1	3.55 and 3.53	Lake Erie North Shore (turbine); no photos of non-REA portion	Page 251	T016-1 – REA Water Body runs north/south, small agricultural swale that crosses it just south of Canal Bank Road is not a Water Body. Field maps confirm the site was visited and the reach was not considered a Water Body.		
GRAND RIVER CONSERVATION	N AUTHORITY							
Lower Grand River								
Dent Drain	T042-2, T098-1, T098-3							
		T042-1	3.46	No photos in report	Page 291	T042-1 refers to the field where Turbine 42 is located; field sheet indicates only surficial drainage. The surficial drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in Figure 3.46 (as a non-Water Body).		
		T042-3	3.46	No photos in report	Page 294	T042-3 - The surficial drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in Figure 3.46 (as a non-Water Body). Not labelled but located near the bottom right corner of the map. This drainage feature flows from Turbine42 to T042-2 (agricultural swale).		
		T098-2	3.46	No photos in report	Page 373	T098-2 – refers to the field where Turbine 98 is located, field sheet indicates only surficial drainage. This station encompassed the field that included Turbine98 (not where indicated on Figure 3.46). T098-1 and T098-3 are associated with the feature that flows west through residential backyards and then south through a hedgerow. The surficial drainage feature visible on air photos is not in the NRVIS/MNR mapping layer, therefore was not delineated in Figure 3.46 (as a non-Water Body).		
West Kelly Drain	T099-1							
Tweed Drain	T099-2, T020-1, 77-1, T062-1, T062-2, T096-1							
Broad Creek Drain	78-1, 81-1, 80-1, T005-3, T005-1, T045-2, T017, T045-1, T045-3							
		T005-2	3.56	No photos in report	Page 228	T005-2 –grass swale on the east side of the proposed access road, REA Water Body on the west side.		

<sup>\*</sup> naming convention examples:

T045-2: assessed for proximity to Turbine 45 (T45). Field notes may include 'R11' prefix (not required)
CR, SGR, FR: prefix used for some collector line stations, indicative of road name (e.g. FR = Fly Road)
CL: prefix used for some stations associated with Collector Lines
18-2: assessed prior to availability of project layout, typically associated with collector lines
N.B. in the event of layout changes following the completion of field assessments (i.e. removal or moving of turbines), station names were not changed, however Water Assessment information was still applicable for other nearby project components