



\\d1215-01\work_group\01609\active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pworesell

March, 2013
160950269

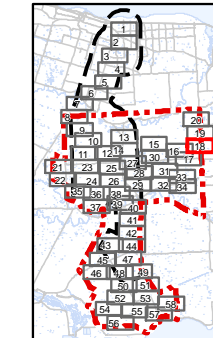


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.18

Title
**Water Bodies
 Figure 3.18**



\\d1215-f01\work_group\01609\active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pworsell

March, 2013
160950269

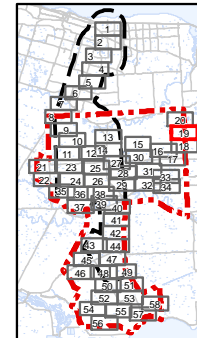


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

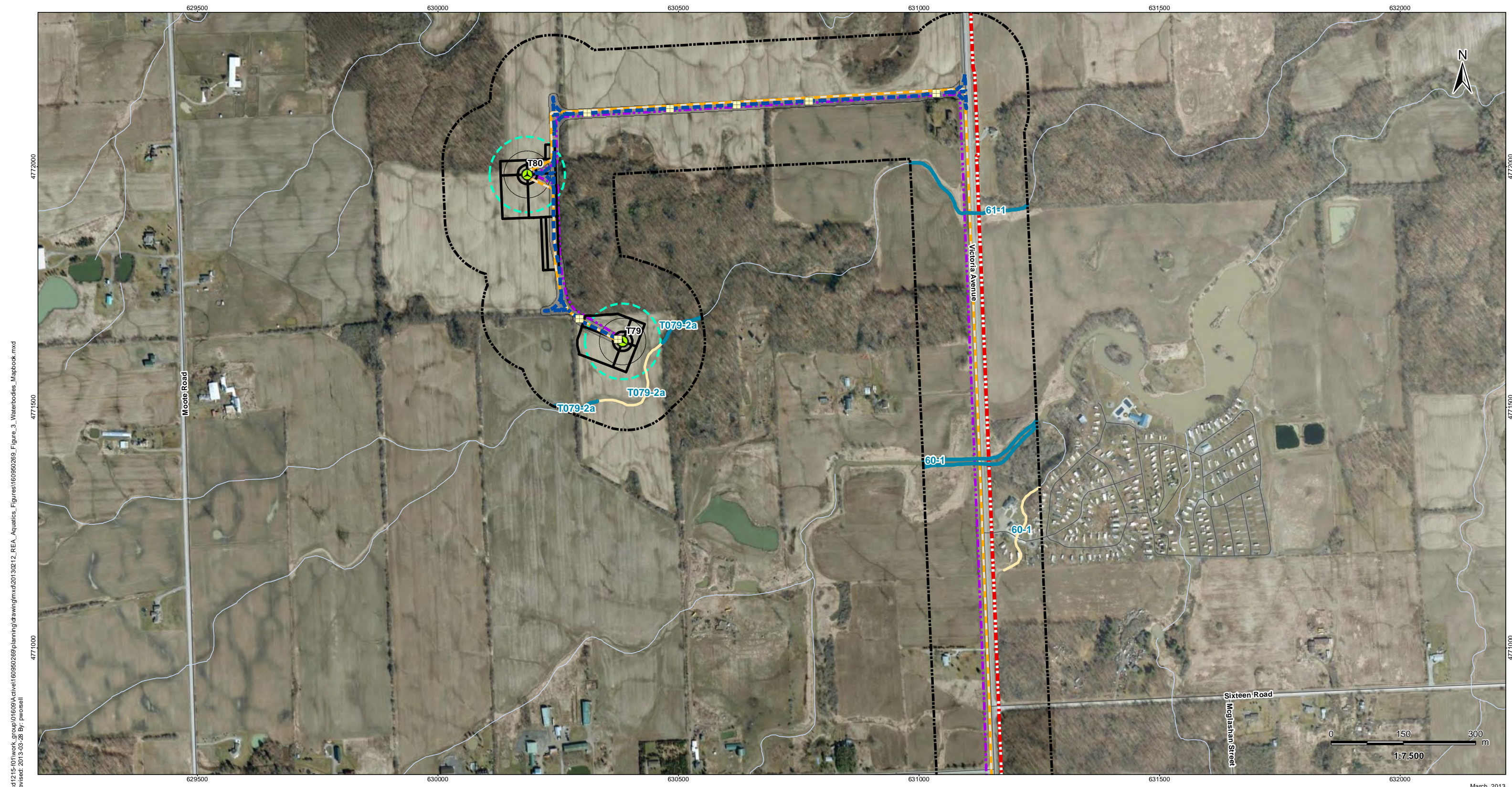
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.19

Title
**Water Bodies
 Figure 3.19**



\\d1215-f01\work_group\01609\active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pworsell

March, 2013
160950269

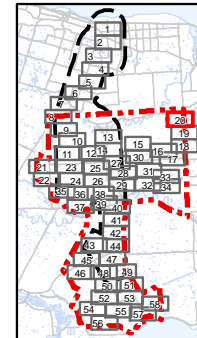


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

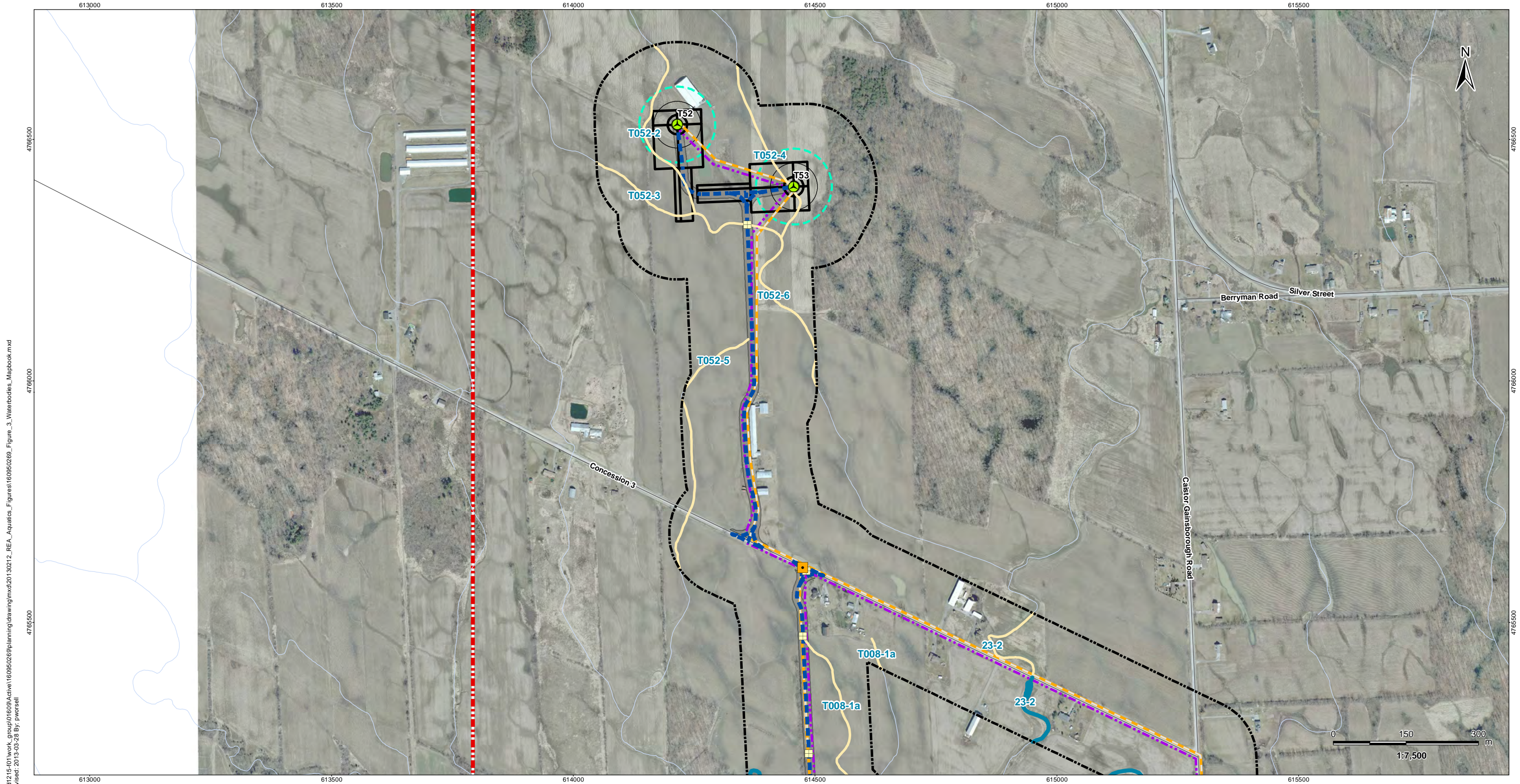
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.20

Title
Water Bodies
Figure 3.20



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

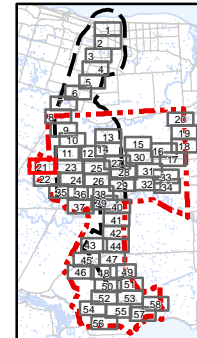


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

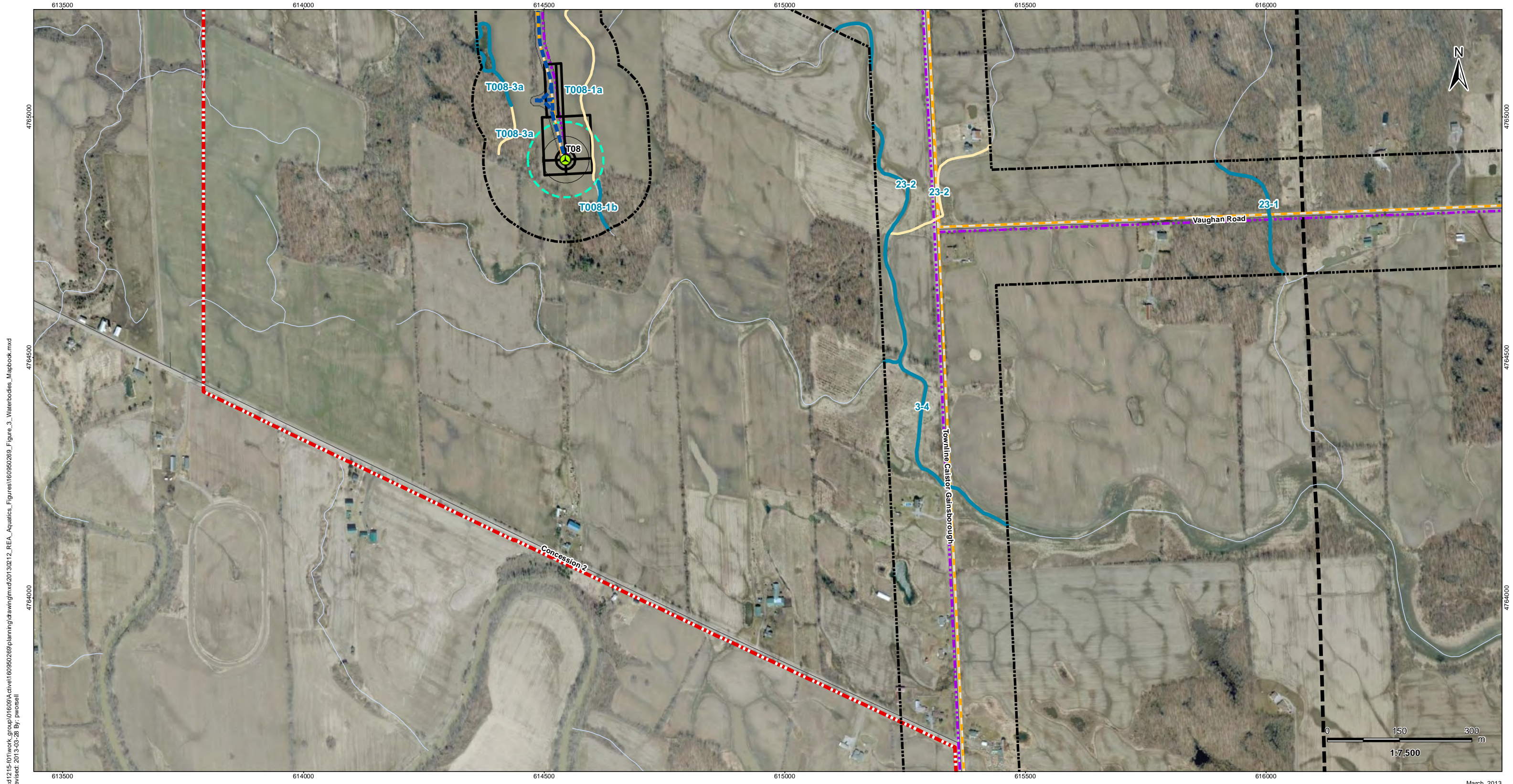
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.21

Title
**Water Bodies
 Figure 3.21**



\\d1215-f01\work_group\01609\active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: p.worsell

March, 2013
160950269

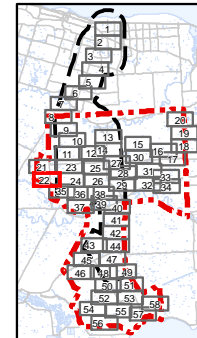


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

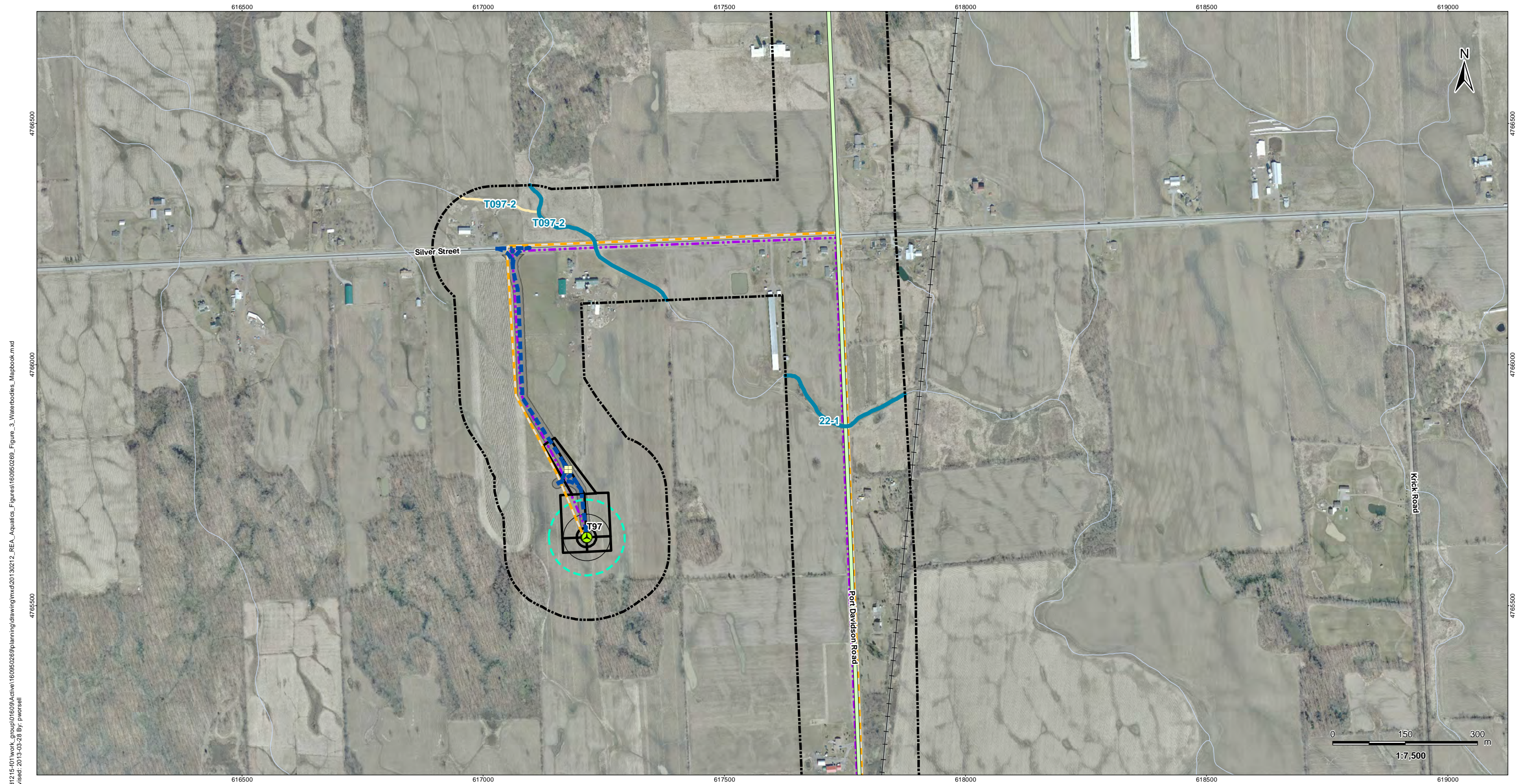
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.22

Title
Water Bodies
Figure 3.22



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

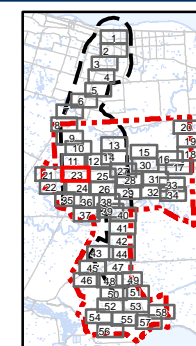


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

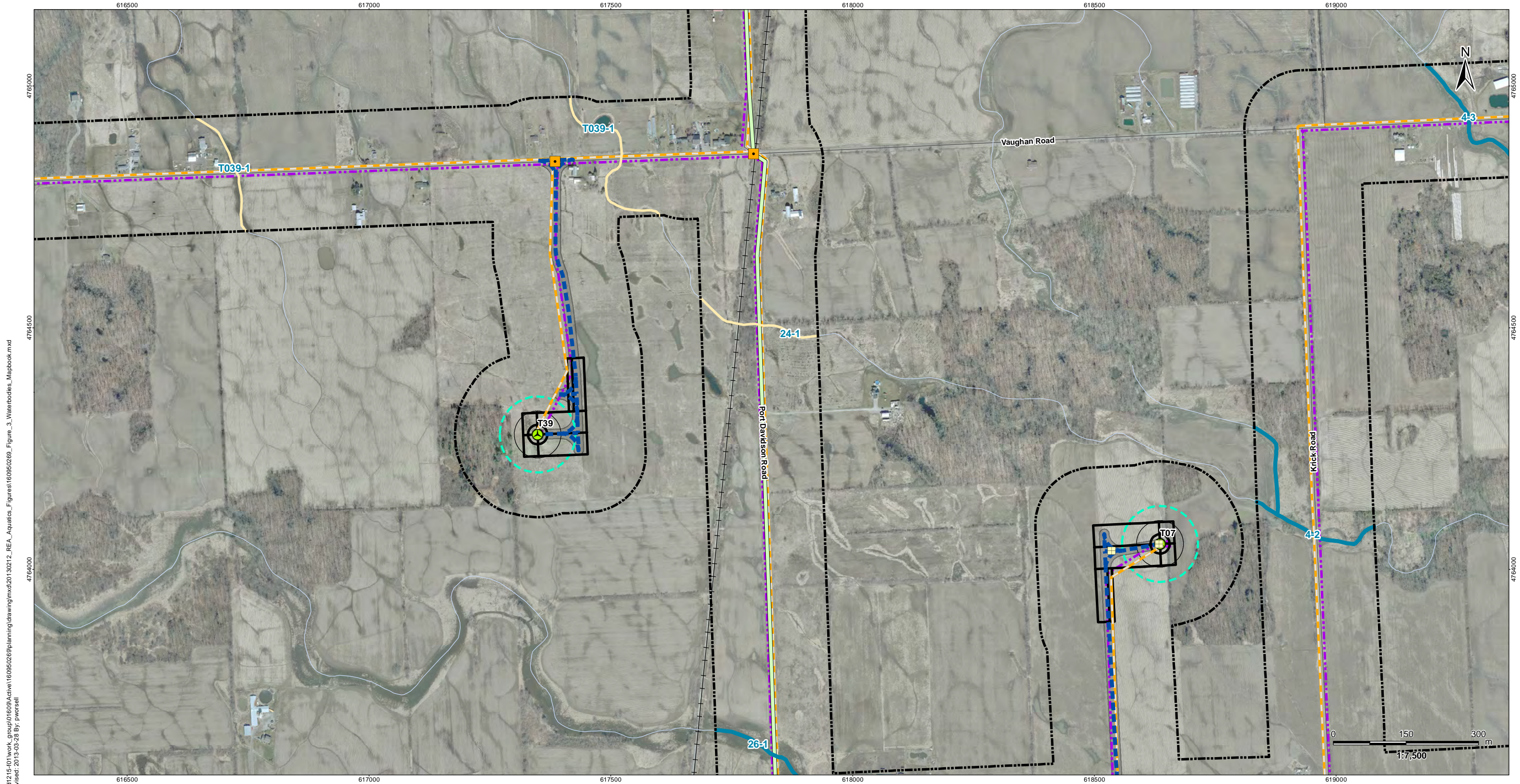
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.23

Title
Water Bodies
Figure 3.23



\\d1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

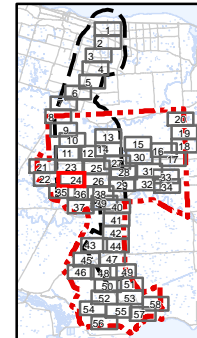


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

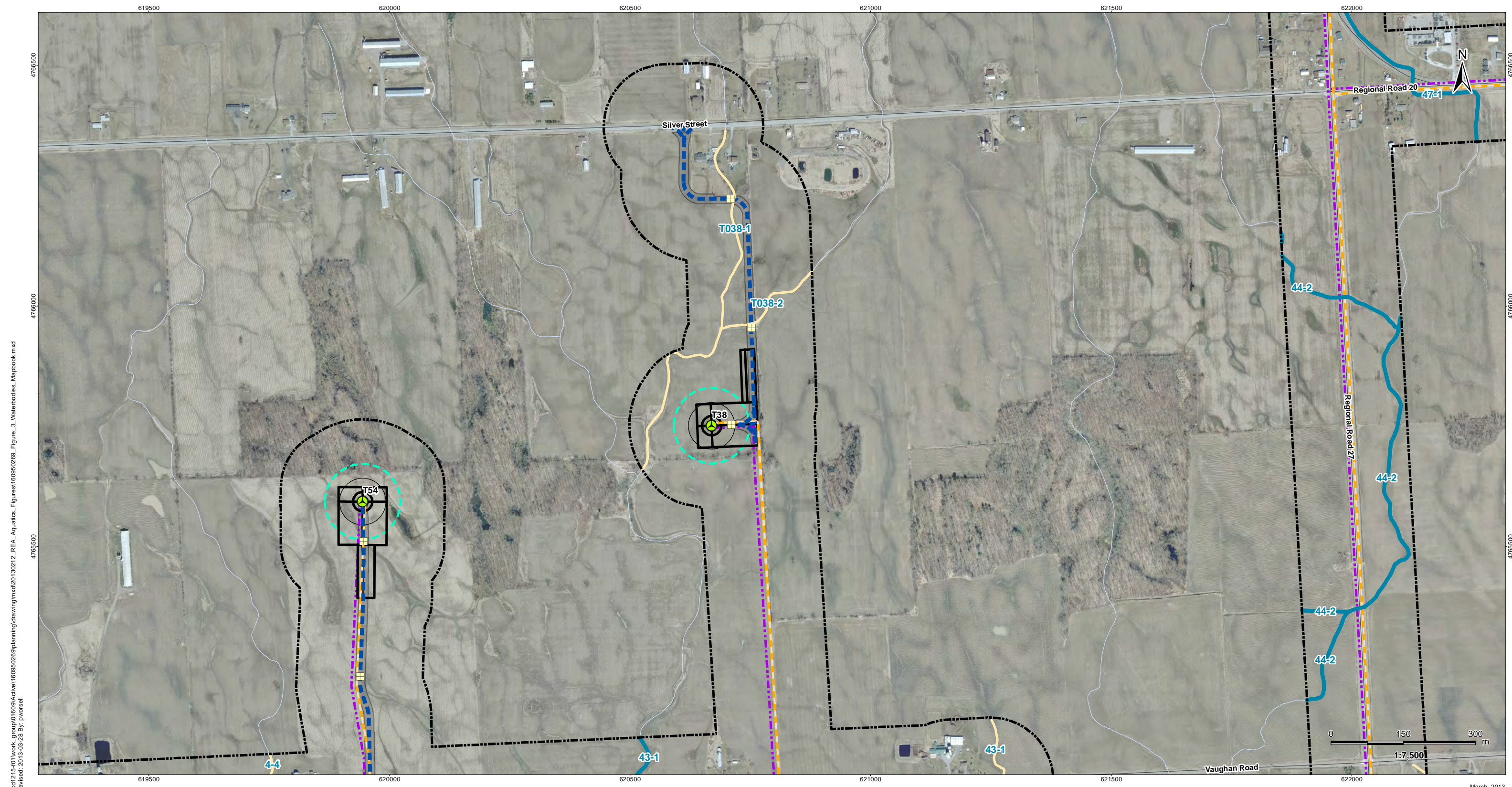
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.24

Title
**Water Bodies
 Figure 3.24**



\\cd1215-f01\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

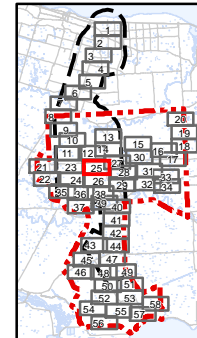


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

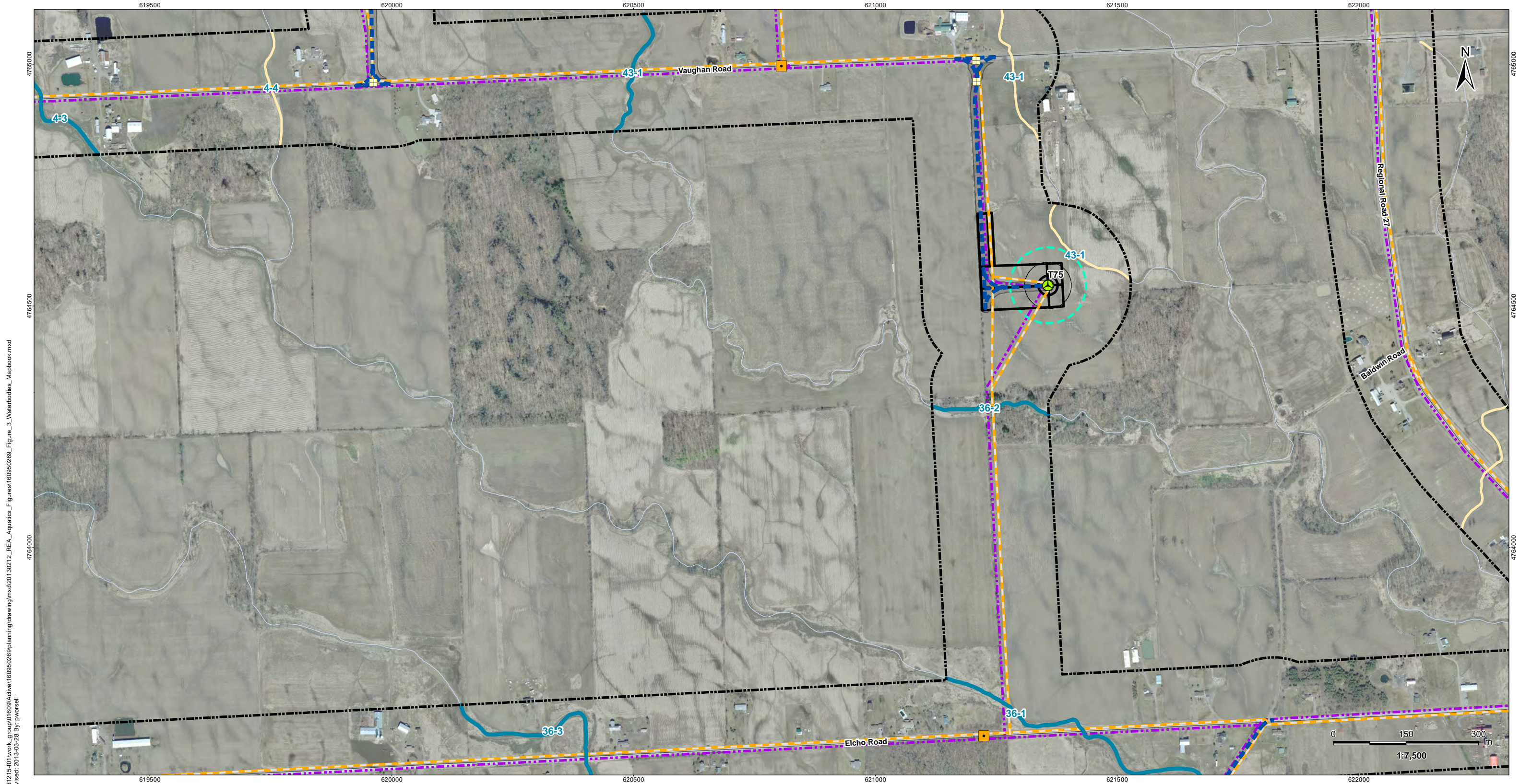
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.25

Title
Water Bodies
Figure 3.25



\\d1215-f01\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

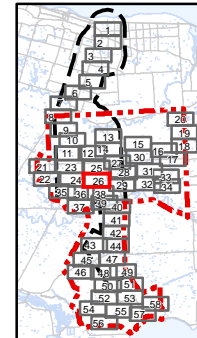


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

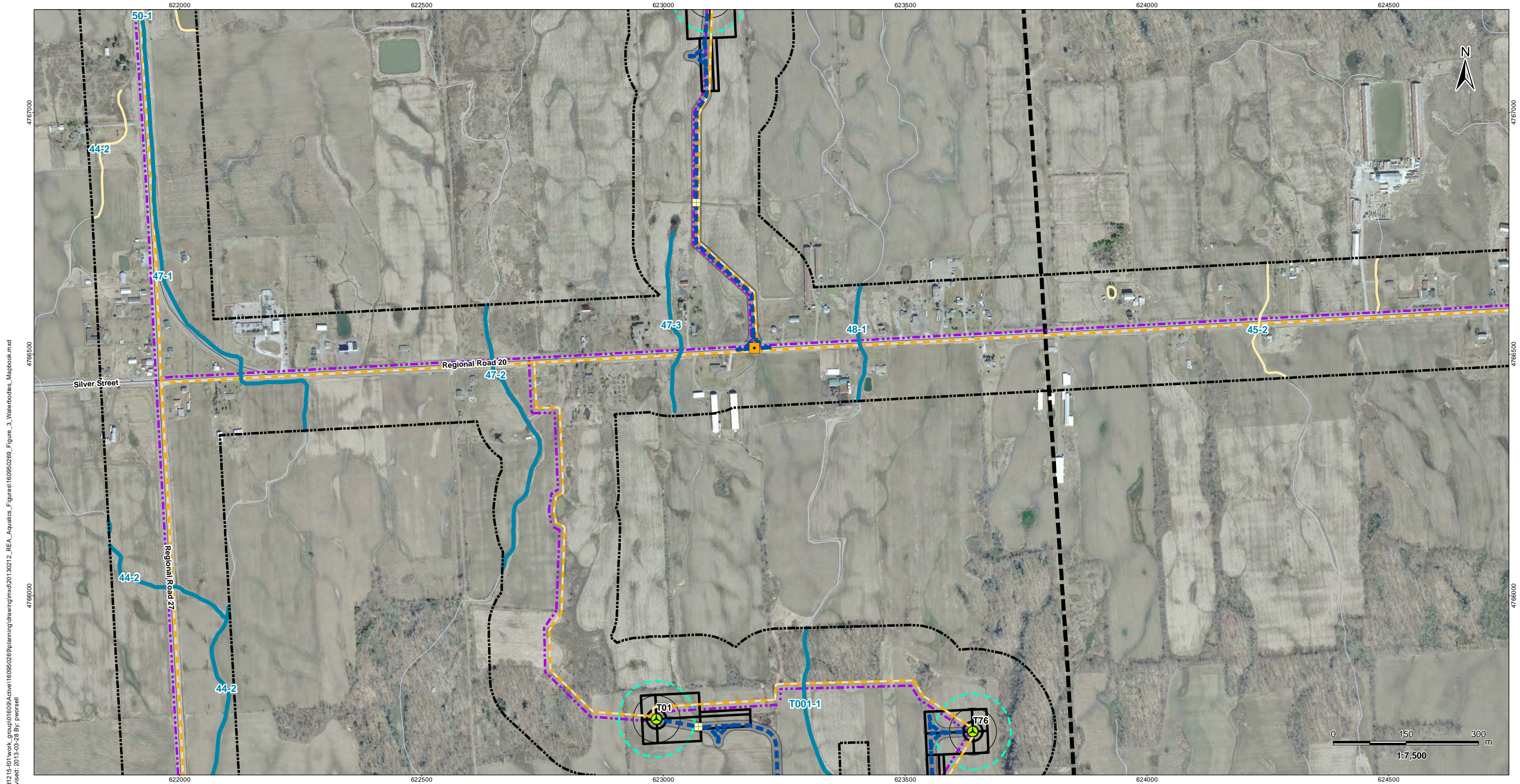
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.26

Title
Water Bodies
Figure 3.26



I:\d1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

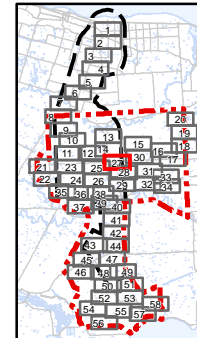


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

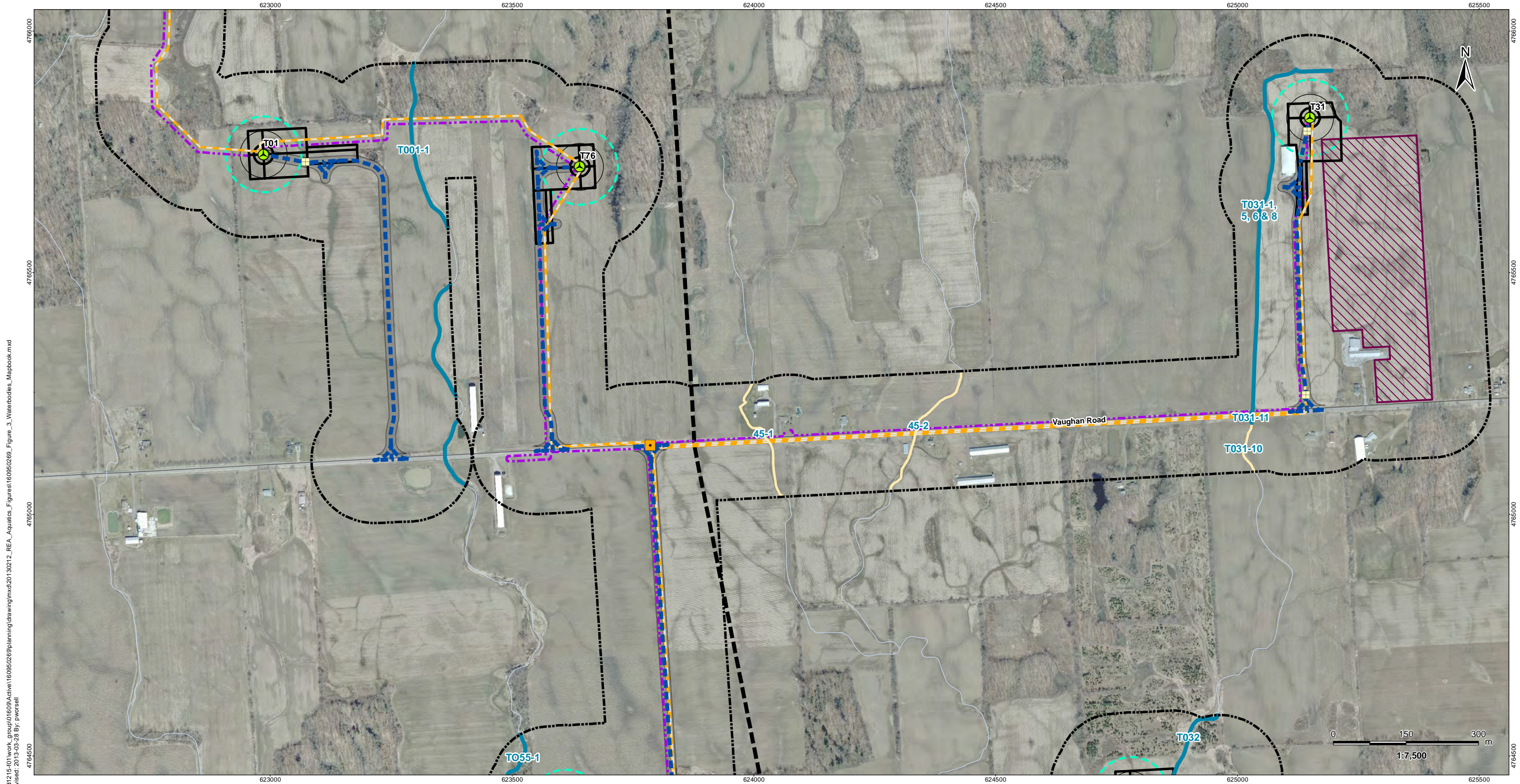
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date: Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.27

Title
Water Bodies
Figure 3.27



\\cd1215-f01\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

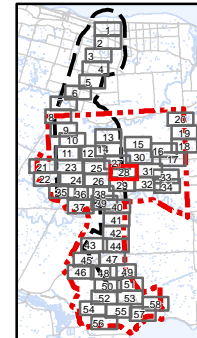


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

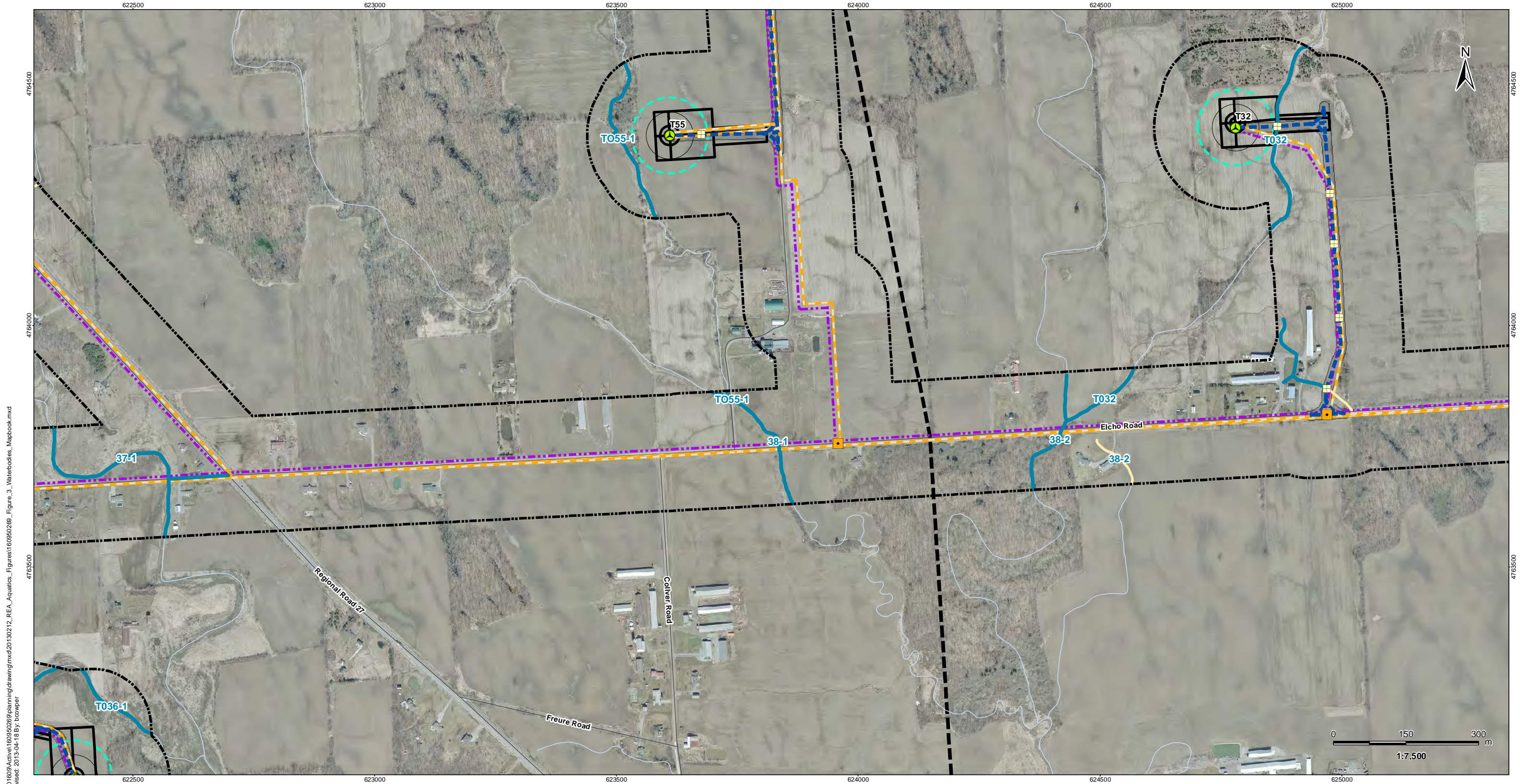


Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.28

Title
Water Bodies
Figure 3.28

March, 2013
 160950269



V:\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-04-18 By: bowper

April, 2013
160950269

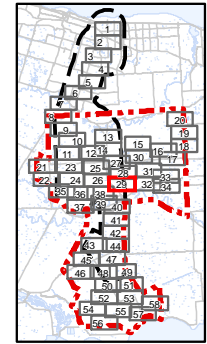


Legend

- | | | |
|----------------------------|---------------------------------|---|
| Project Study Area | Turbine Blade Length 30m Buffer | Transformer Substation |
| Interconnector Study Area | Turbine Blade Length | Potential Construction Laydown Area |
| 120m Zone of Investigation | Tap-in Location | Collector Lines – Underground or Overhead |
| Watercourse (MNR) | Transformer Substation Location | Fibre Optic Line |
| Waterbody | Junction Box | Potential Access Road |
| Non-waterbody | Proposed Culvert | Access Road 20m Construction Area |
| Proposed Turbine Location | Preferred Transmission Route | |
| | Alternate Transmission Route | |
| | Temporary Laydown Area | |

Notes

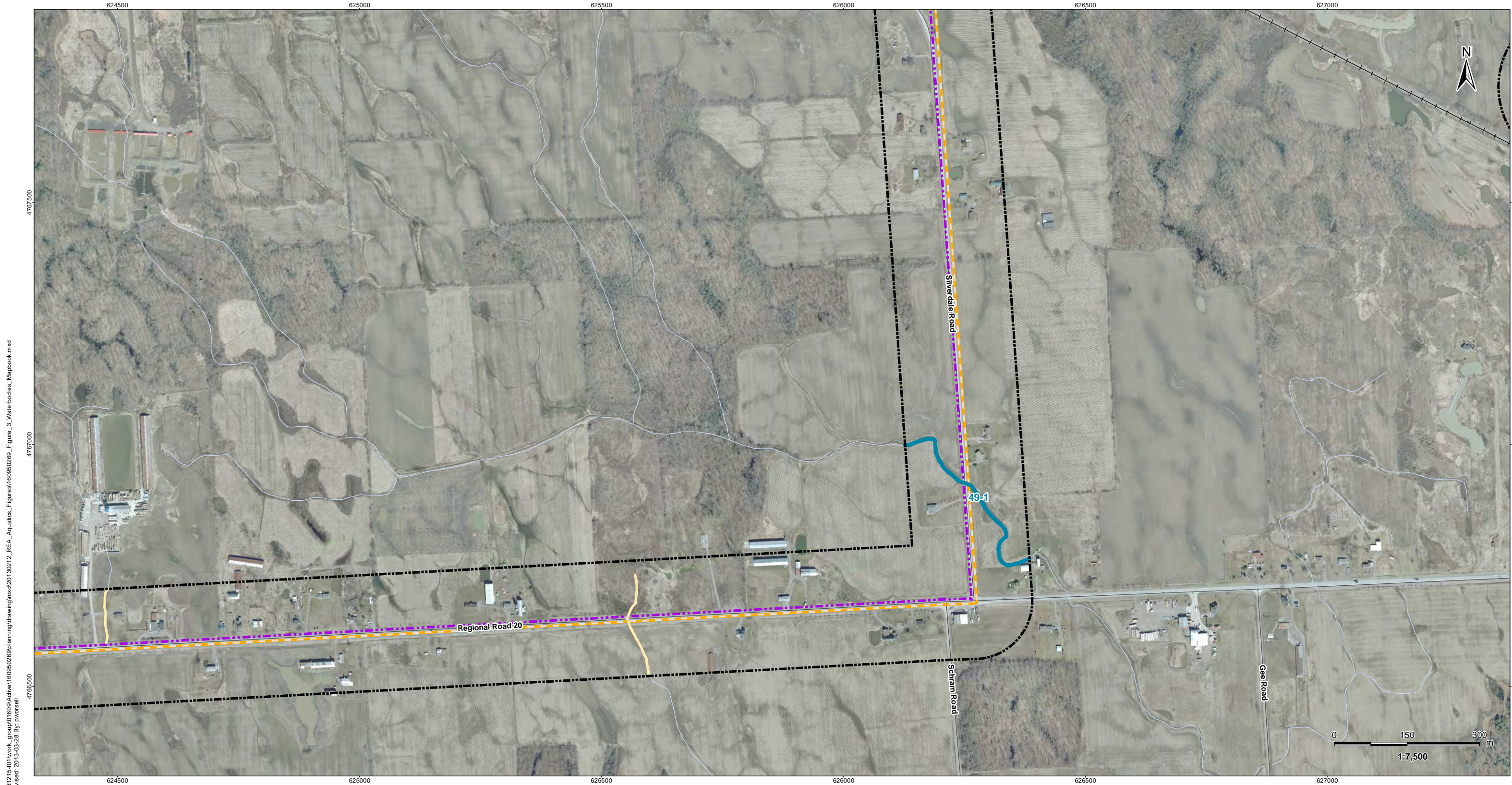
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.29

Title
**Water Bodies
 Figure 3.29**



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: p.worsell

March, 2013
160950269

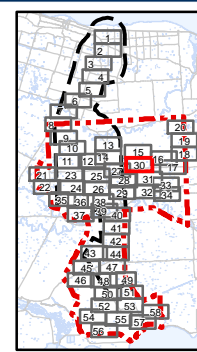


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

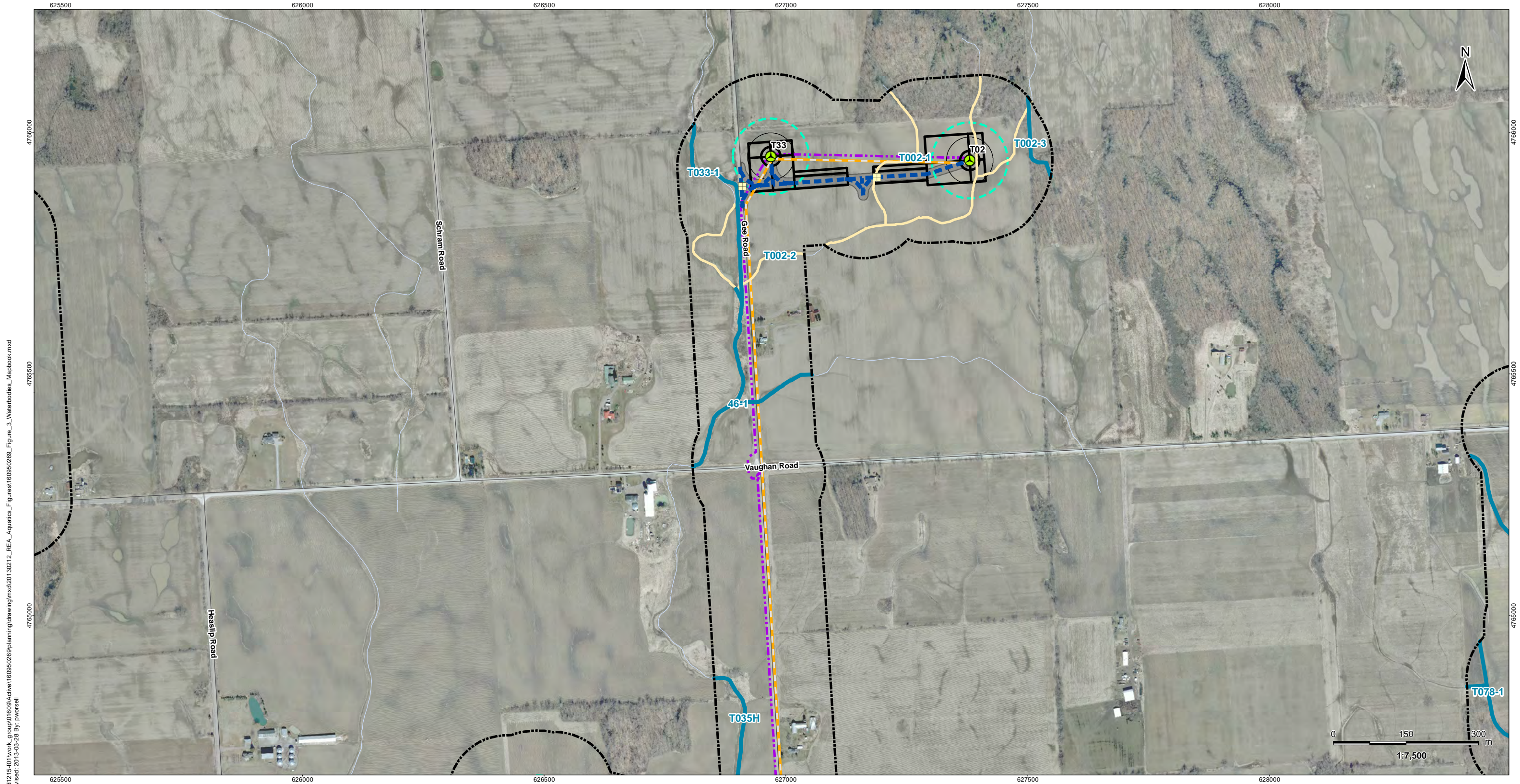
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date: Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.30

Title
Water Bodies
Figure 3.30



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

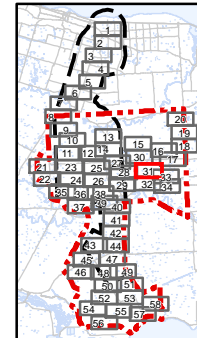


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

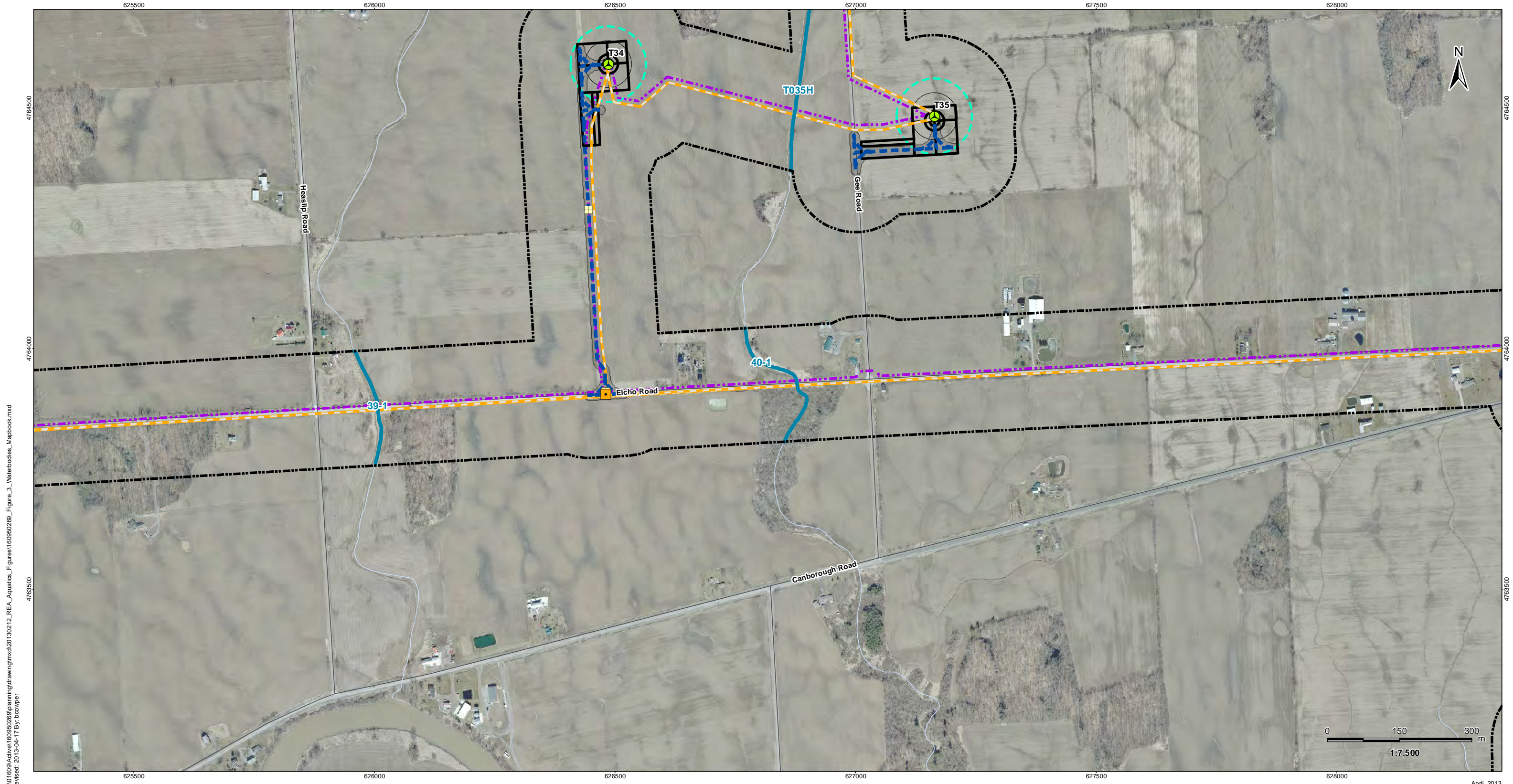
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.31

Title
**Water Bodies
 Figure 3.31**



V:\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-04-17 By: bowper

April, 2013
160950269

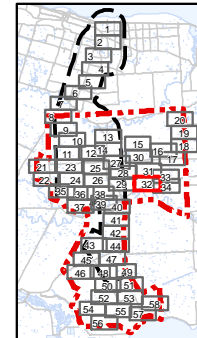


Legend

- | | | |
|----------------------------|---------------------------------|---|
| Project Study Area | Turbine Blade Length 30m Buffer | Transformer Substation |
| Interconnector Study Area | Turbine Blade Length | Potential Construction Laydown Area |
| 120m Zone of Investigation | Tap-in Location | Collector Lines – Underground or Overhead |
| Watercourse (MNR) | Transformer Substation Location | Fibre Optic Line |
| Waterbody | Junction Box | Potential Access Road |
| Non-waterbody | Proposed Culvert | Access Road 20m Construction Area |
| Proposed Turbine Location | Preferred Transmission Route | |
| | Alternate Transmission Route | |
| | Temporary Laydown Area | |

Notes

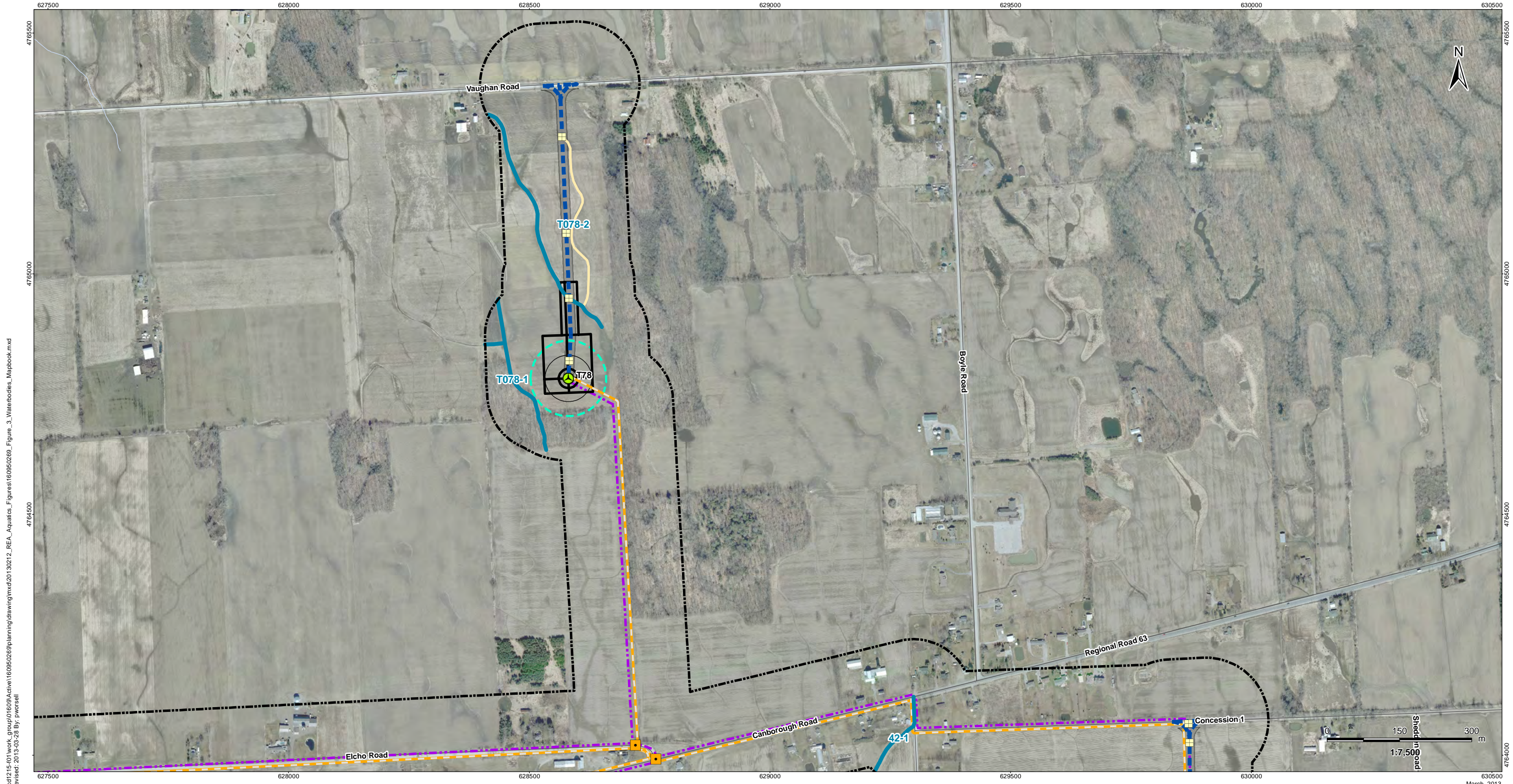
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.32

Title
**Water Bodies
 Figure 3.32**



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

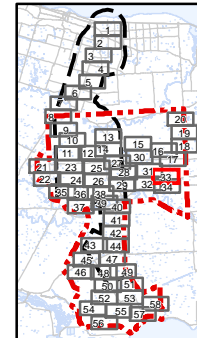


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

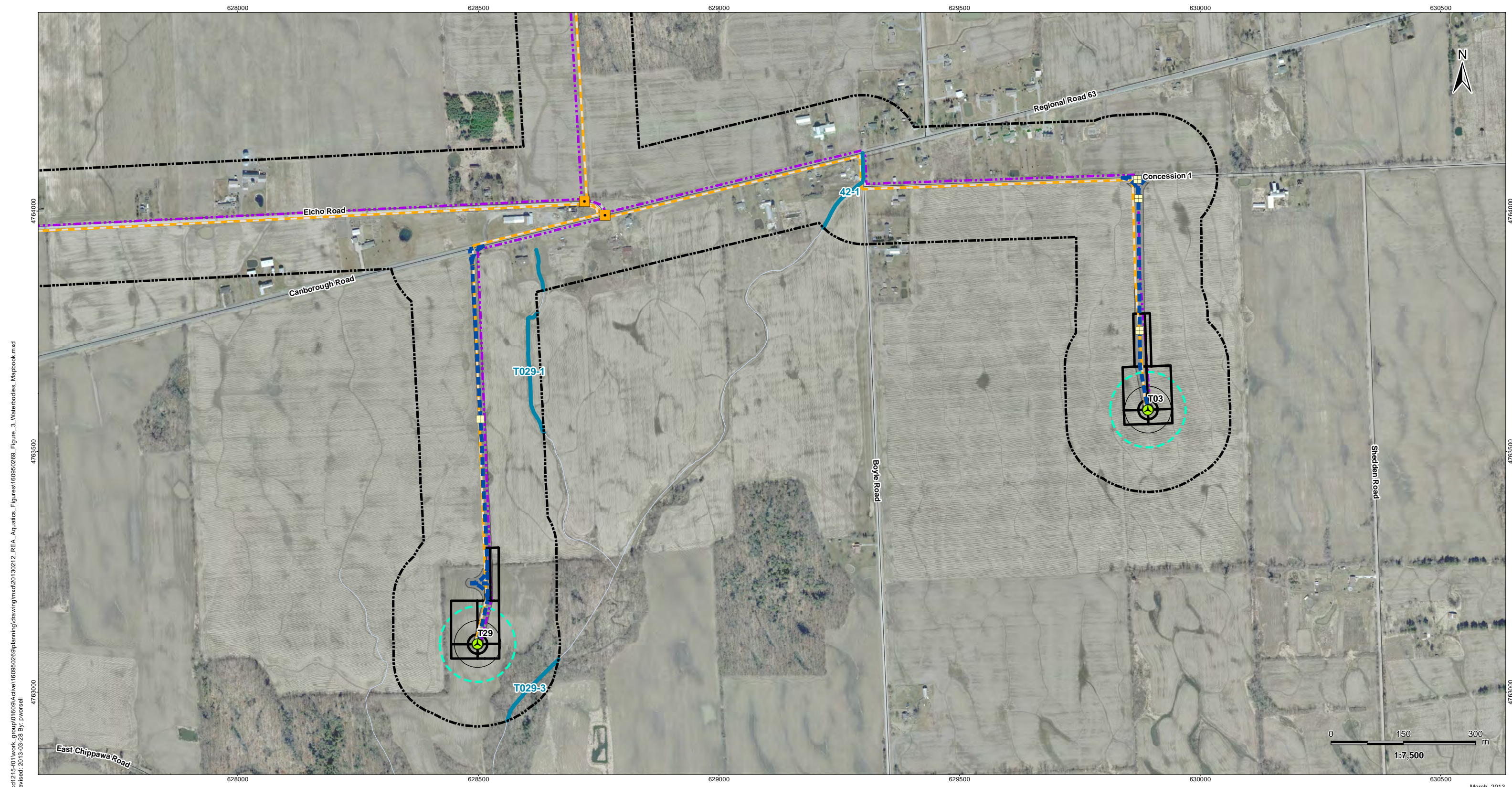
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date: Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.33

Title
**Water Bodies
 Figure 3.33**



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pworsell

March, 2013
160950269

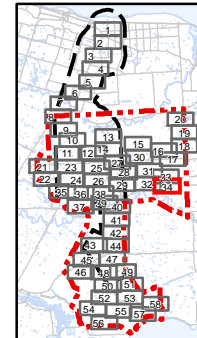


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

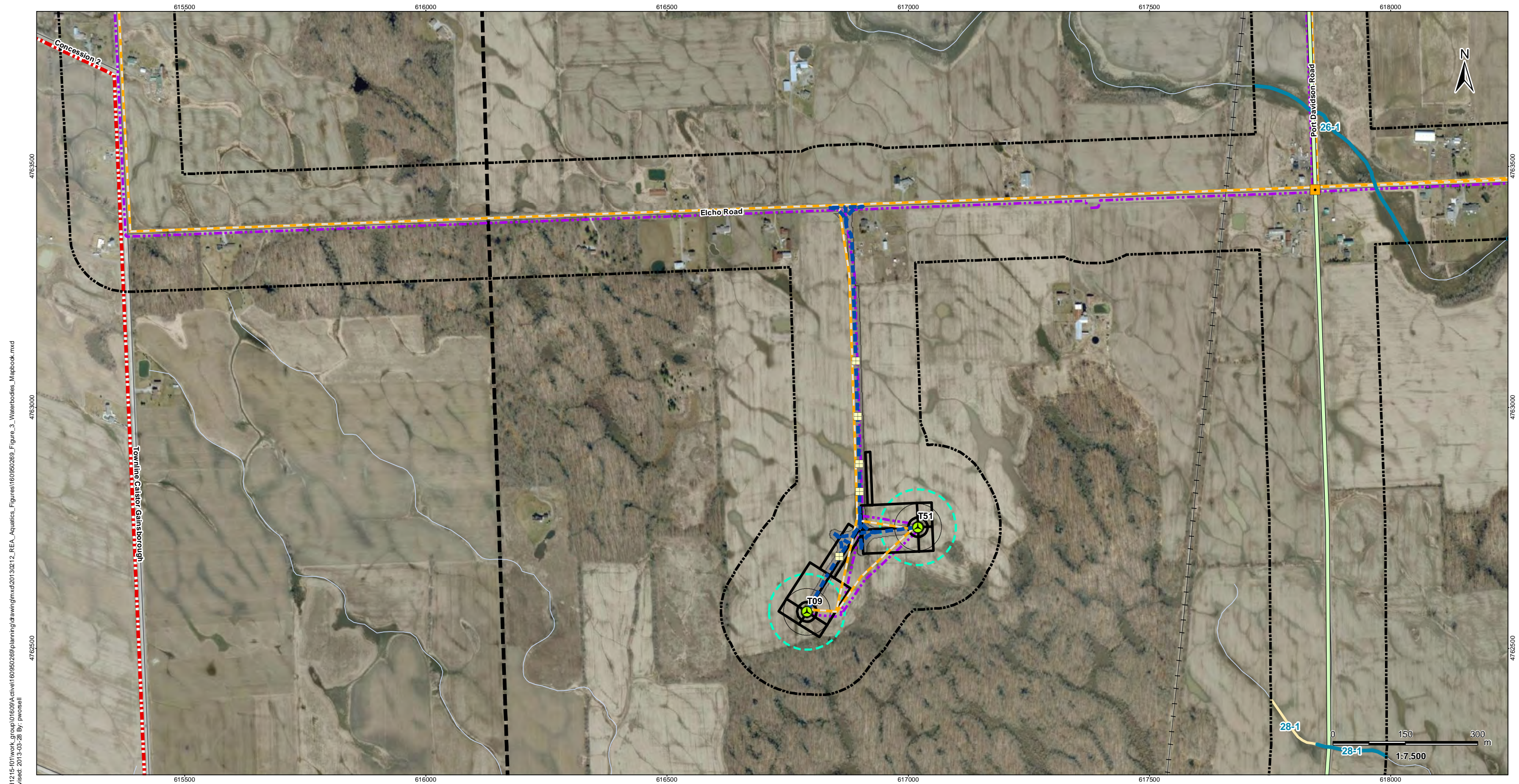
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.34

Title
**Water Bodies
 Figure 3.34**



\\d1215-101\work_group\01609\active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwnorell

March, 2013
160950269

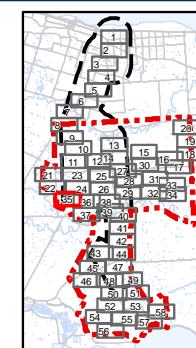


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

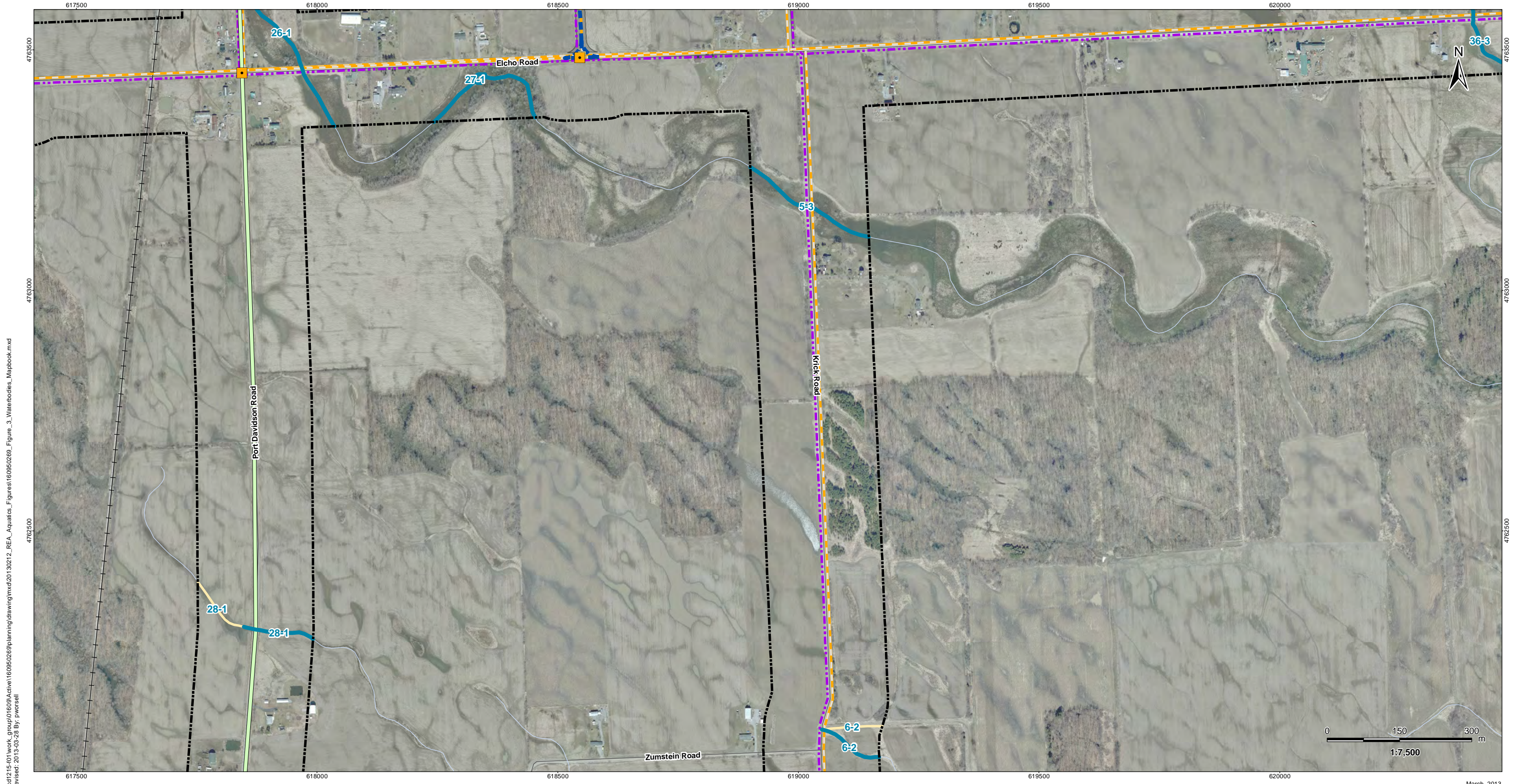
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.35

Title
Water Bodies
Figure 3.35



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

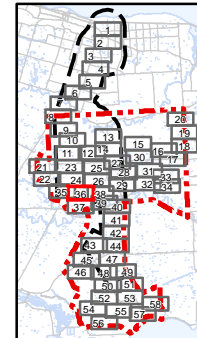


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

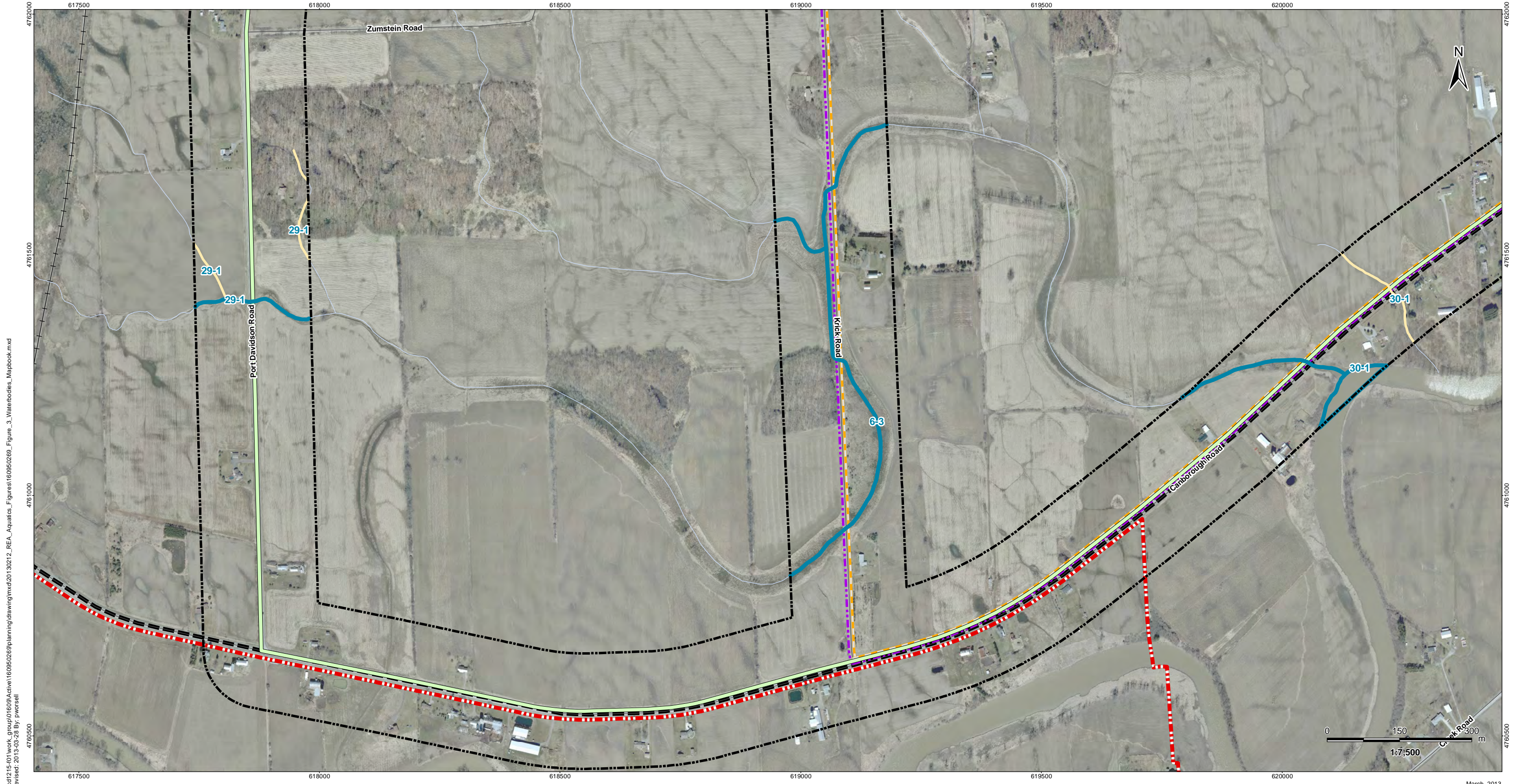
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date: Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.36

Title
**Water Bodies
 Figure 3.36**



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

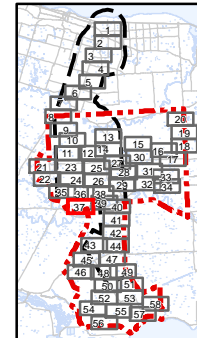


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

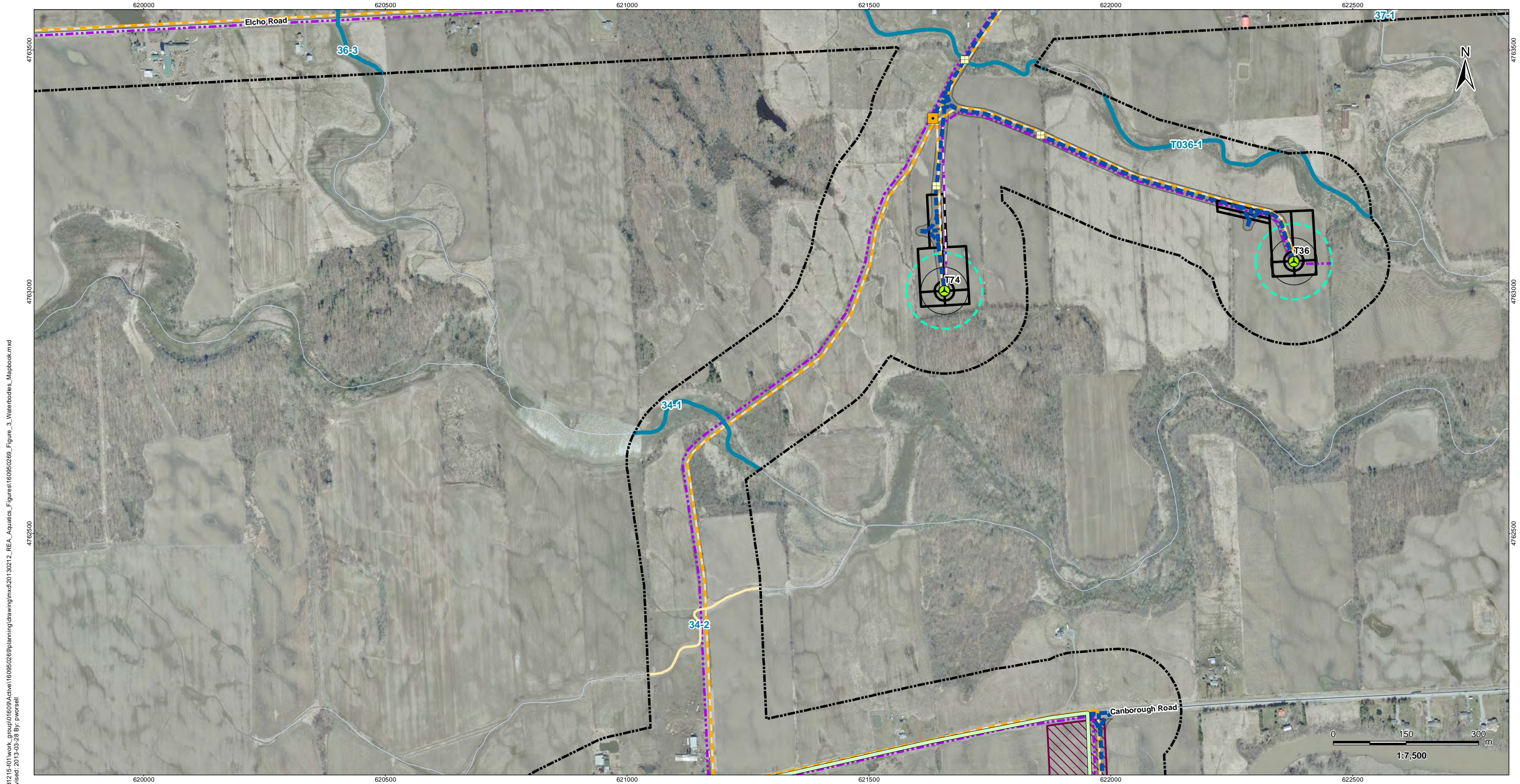
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.37

Title
**Water Bodies
 Figure 3.37**



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

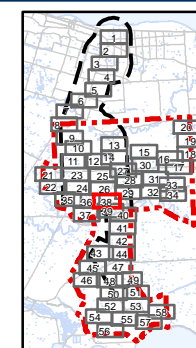


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

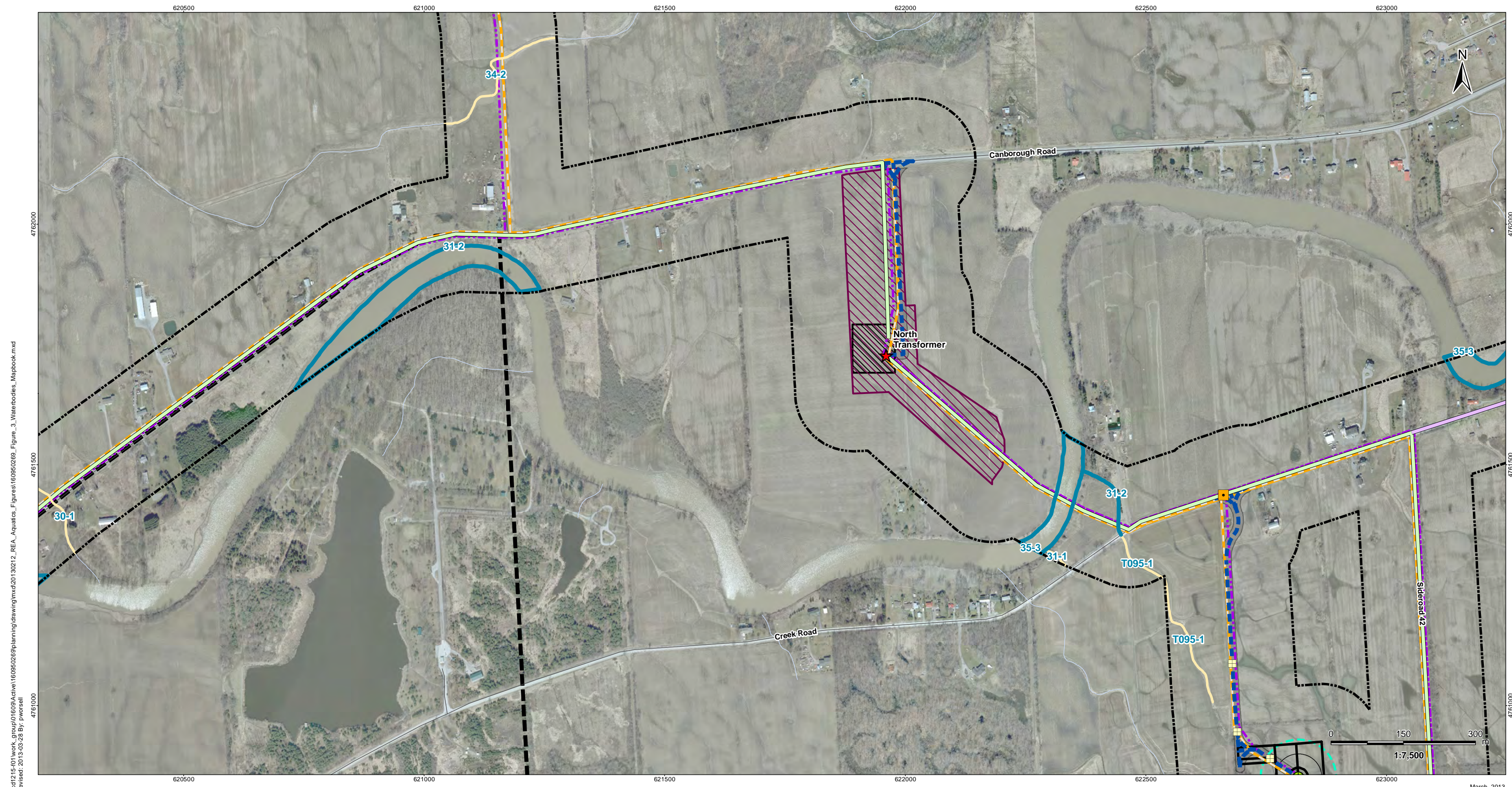
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.38

Title
Water Bodies
Figure 3.38



\\cd1215-f01\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

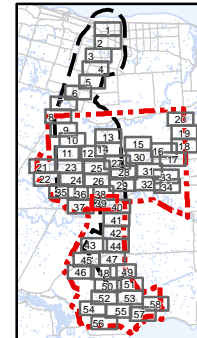


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

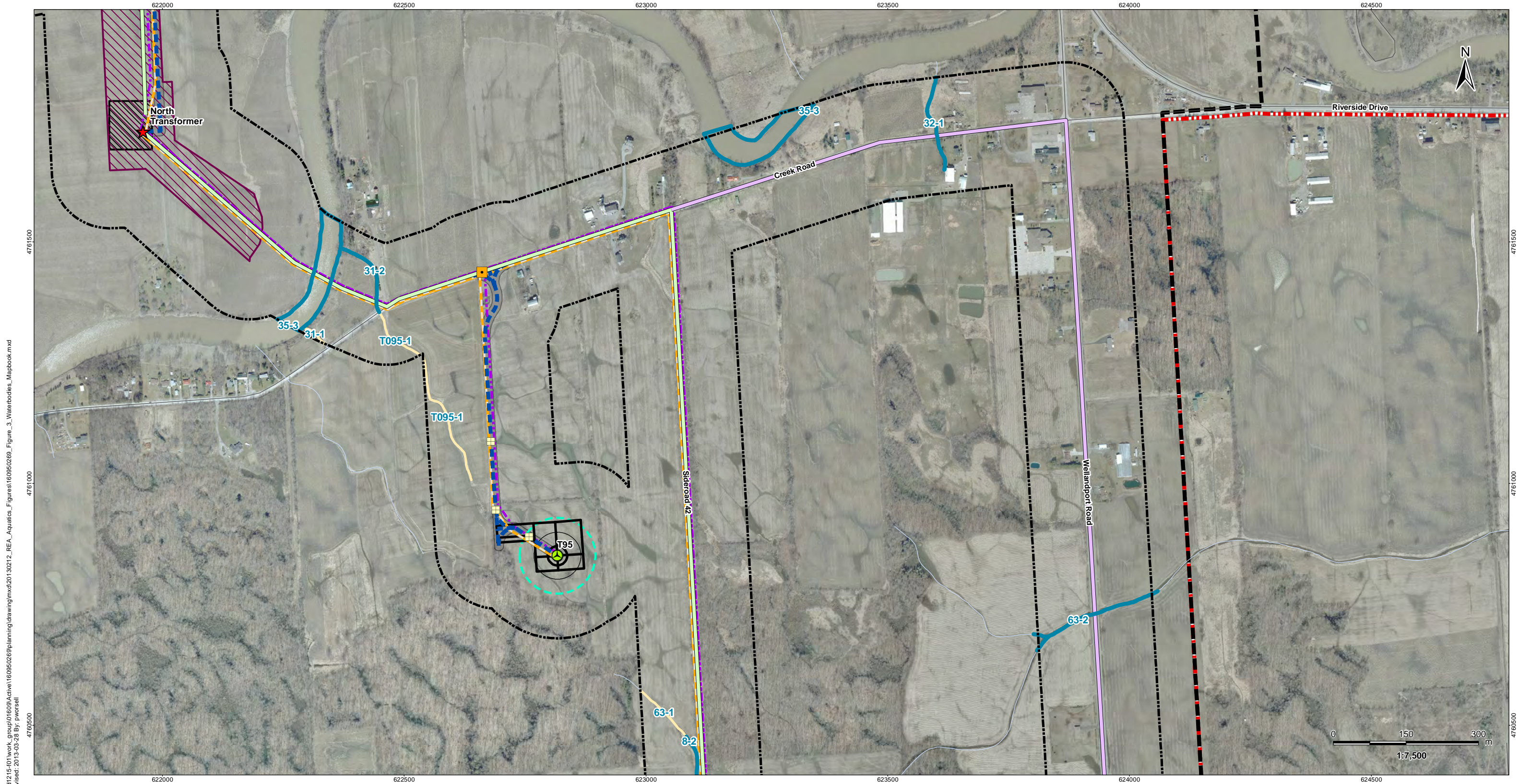
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.39

Title
Water Bodies
Figure 3.39



\\cd1215-f01\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

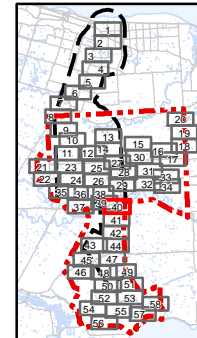


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

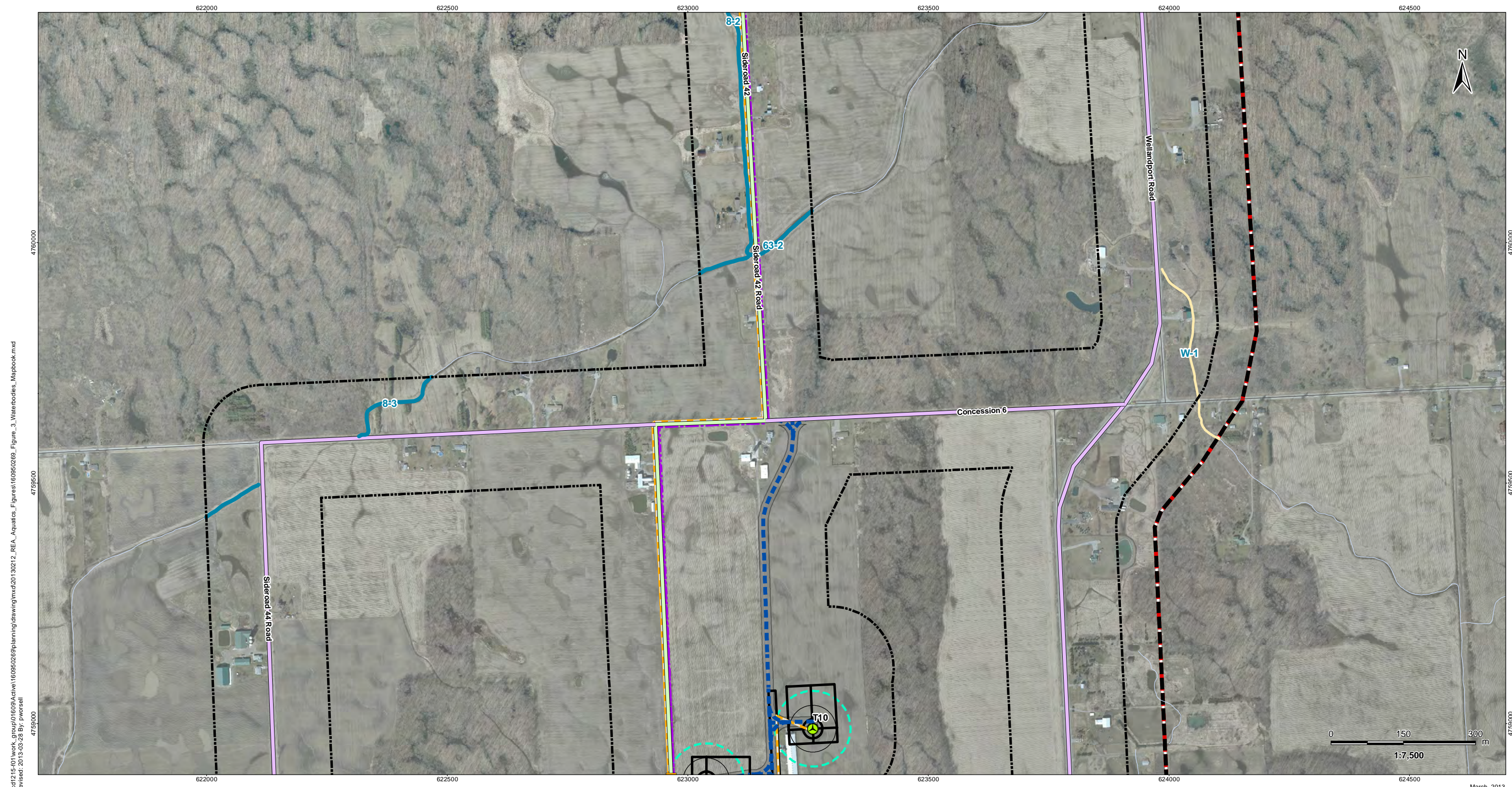
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.40

Title
Water Bodies
Figure 3.40



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

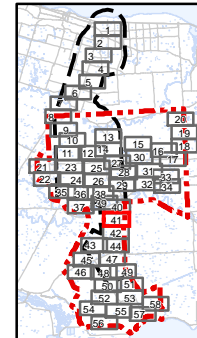


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

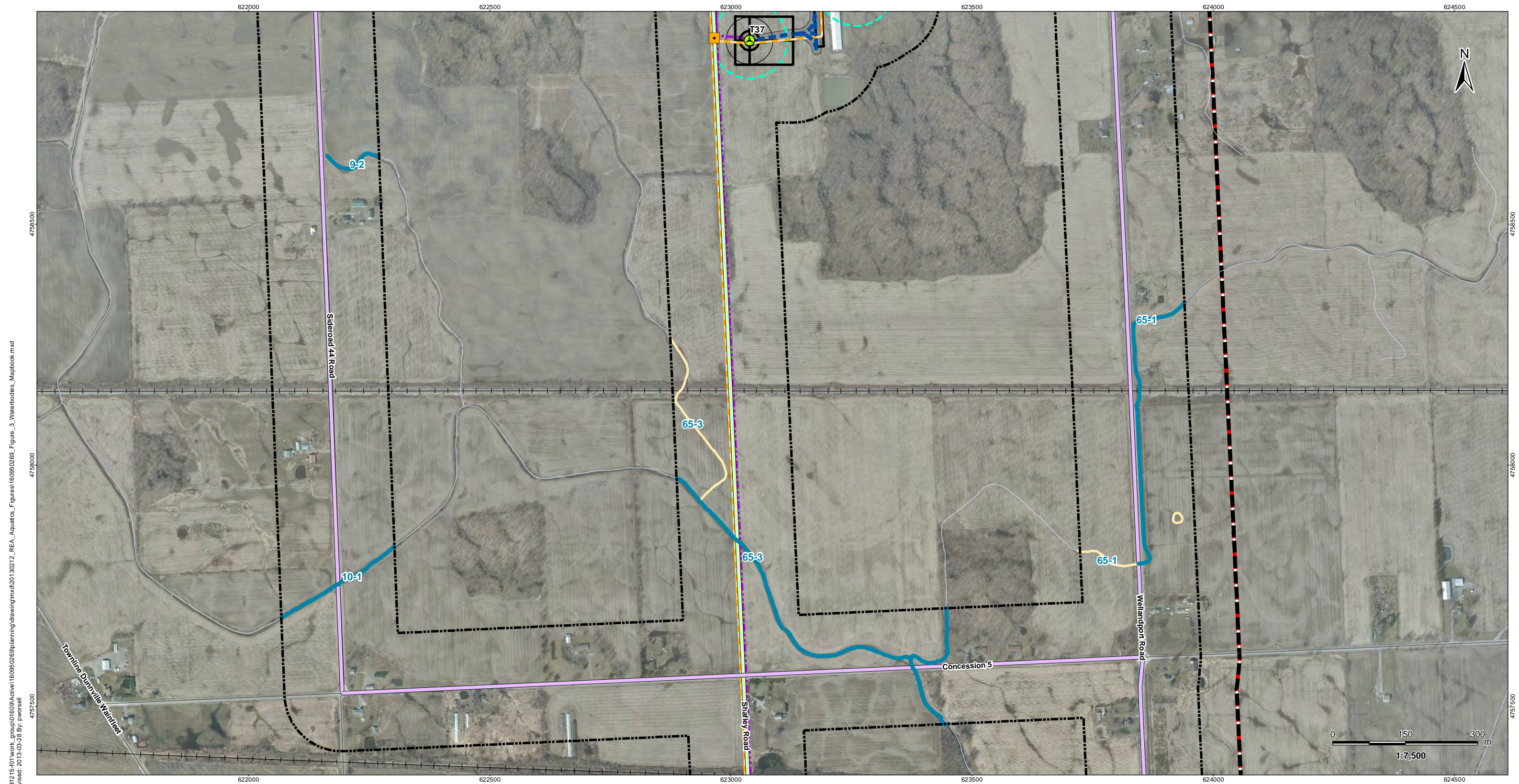
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
3.41

Title
**Water Bodies
 Figure 3.41**



\\cd1215-101\work_group\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Aquatics_Figures\160950269_Figure_3_Waterbodies_Mapbook.mxd
 Revised: 2013-03-28 By: pwersell

March, 2013
160950269

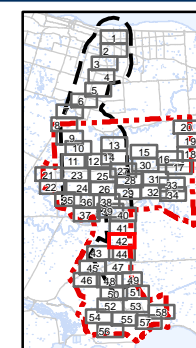


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| Project Study Area | Transformer Substation Location | Collector Lines – Underground or Overhead |
| Interconnector Study Area | Junction Box | Fibre Optic Line |
| 120m Zone of Investigation | Proposed Culvert | Potential Access Road |
| Watercourse (MNR) | Turbine Blade Length | Access Road 20m Construction Area |
| Waterbody | Preferred Transmission Route | |
| Non-waterbody | Alternate Transmission Route | |
| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length 30m Buffer | Transformer Substation | |
| Tap-in Location | Potential Construction Laydown Area | |

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date: Spring 2010.



Client/Project
 Niagara Region Wind Corporation
 Niagara Region Wind Farm
 Water Assessment and Waterbody Report

Figure No.
 3.42

Title
Water Bodies
Figure 3.42