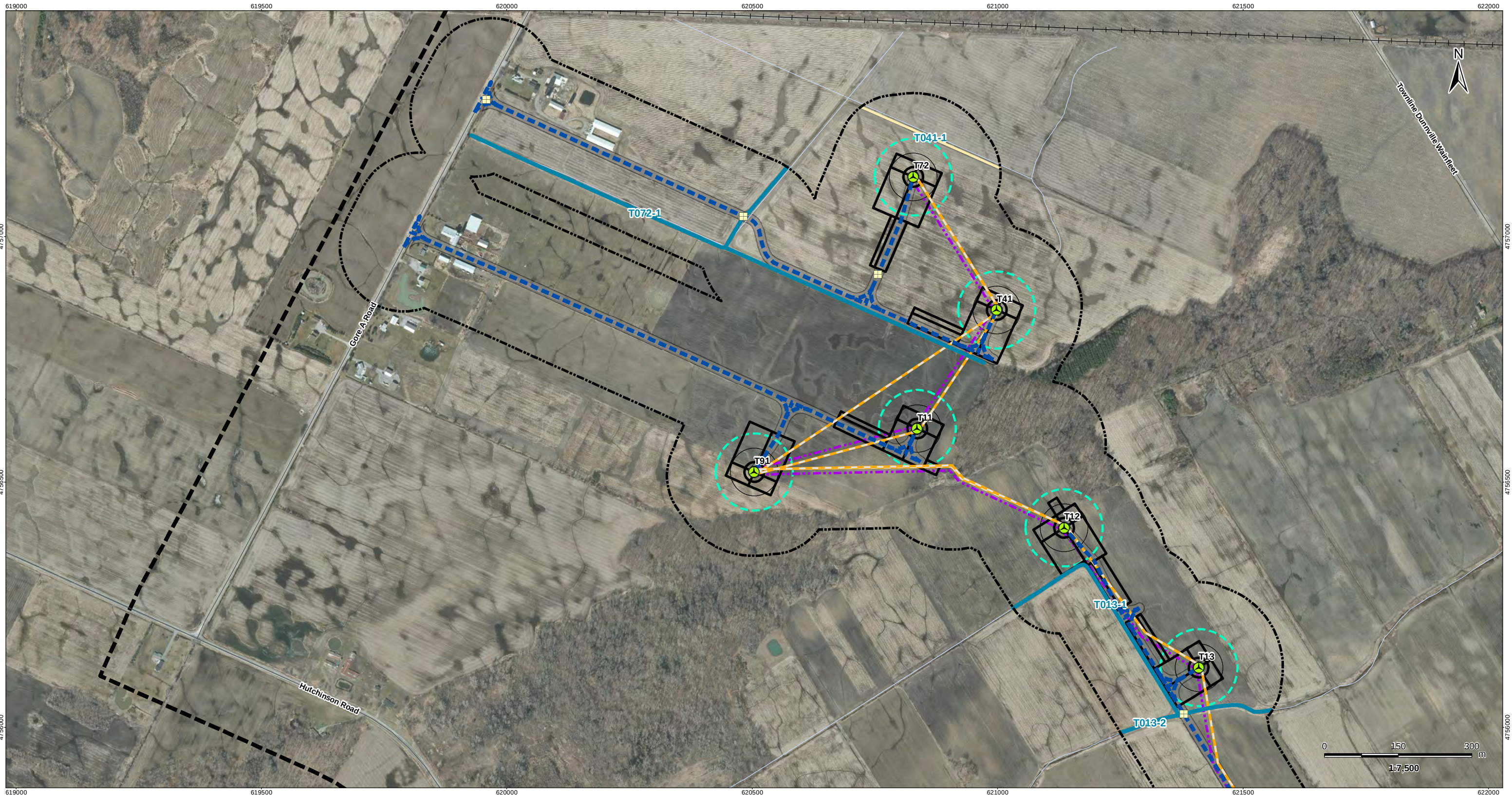


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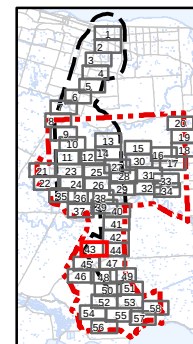
Legend

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|--|---------------------------------|--|-------------------------------------|
| | Project Study Area | | Transformer Substation Location |
| | Interconnector Study Area | | Junction Box |
| | 120m Zone of Investigation | | Proposed Culvert |
| | Watercourse (MNR) | | Turbine Blade Length |
| | 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 |

- | | |
|--|---|
| | Collector Lines – Underground or Overhead |
| | Fibre Optic Line |
| | Potential Access Road |
| | Access Road 20m Construction Area |

Notes

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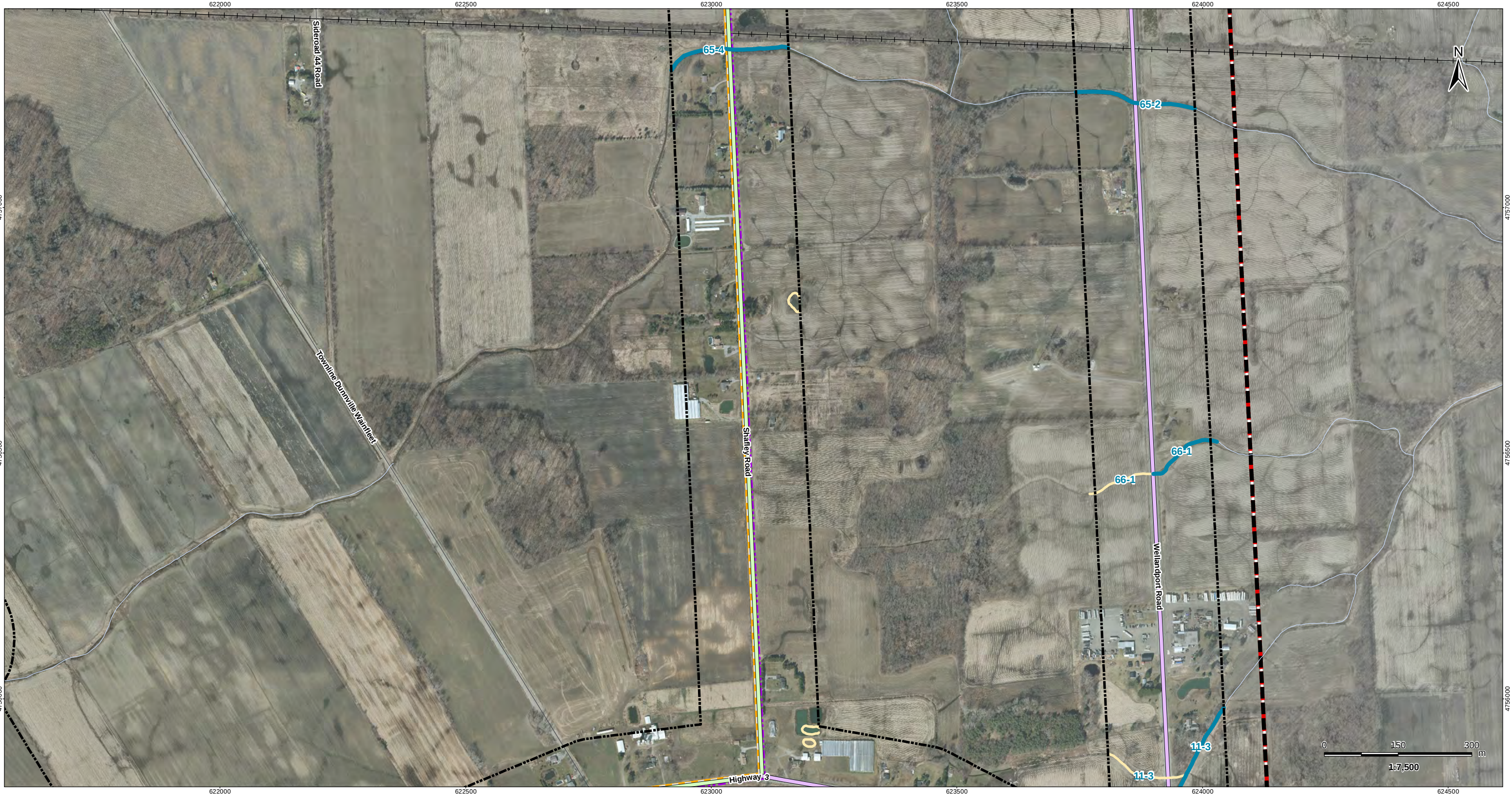


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Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.43

Title
Water Bodies
Figure 3.43

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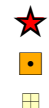
March, 2013
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Legend



Project Study Area
Interconnector Study Area
120m Zone of Investigation
Watercourse (MNR)
Waterbody
Non-waterbody
Proposed Turbine Location
Turbine Blade Length 30m Buffer
Tap-in Location

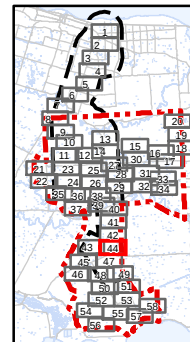


Transformer Substation Location
Junction Box
Proposed Culvert
Turbine Blade Length
Preferred Transmission Route
Alternate Transmission Route
Temporary Laydown Area
Transformer Substation
Potential Construction Laydown Area

Collector Lines – Underground or Overhead
Fibre Optic Line
Potential Access Road
Access Road 20m Construction Area

Notes

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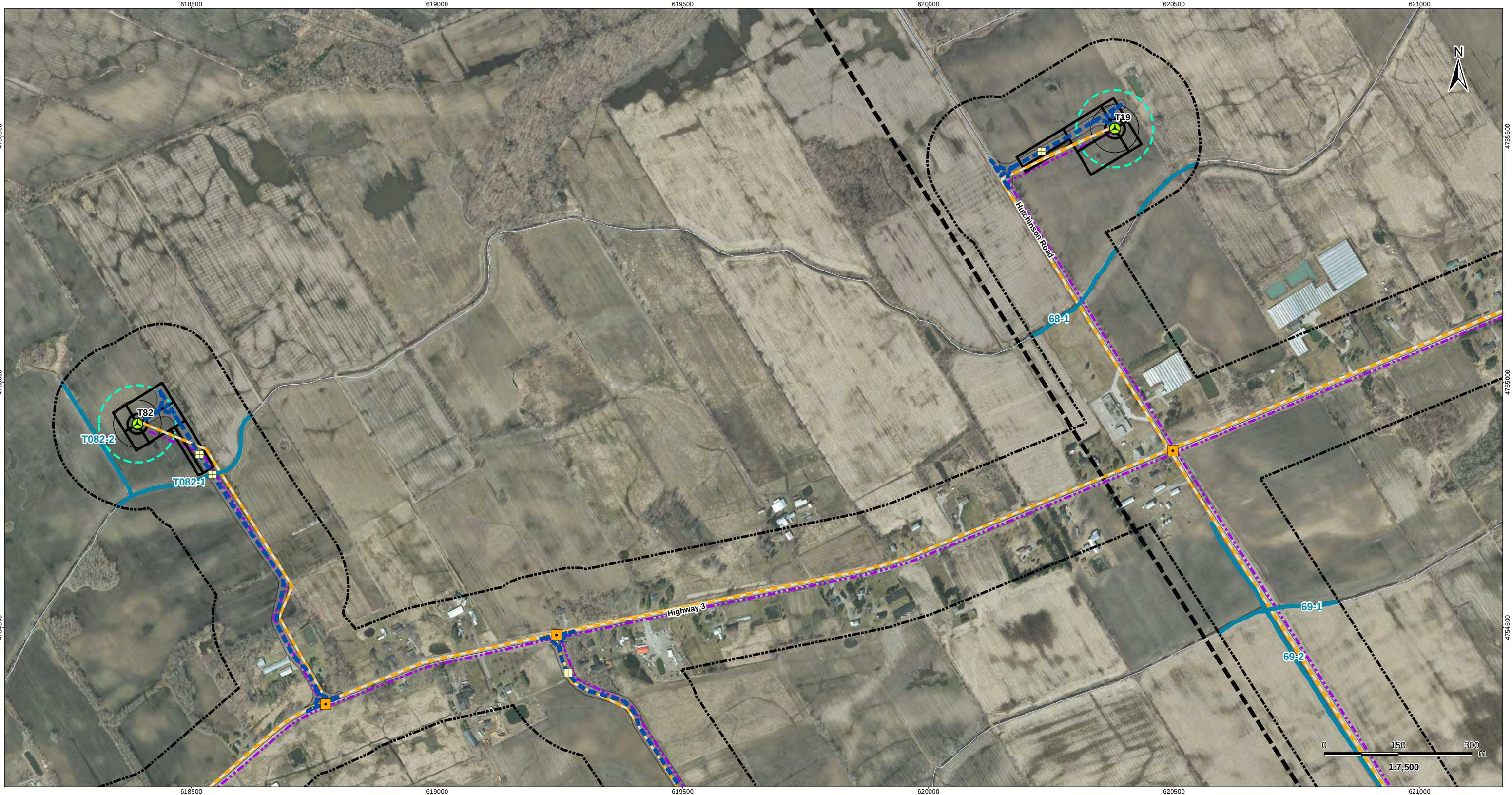


Client/Project
Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.44

Title
Water Bodies
Figure 3.44

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160950269



Legend



Watercourse (MNR)

Waterbody

Non-waterbody

Proposed Turbine Location

Turbine Blade Length 30m Buffer

Tap-in Location



Transformer Substation Location



Junction Box



Proposed Culvert



Turbine Blade Length



Preferred Transmission Route



Alternate Transmission Route



Temporary Laydown Area



Transformer Substation



Potential Construction Laydown Area



Collector Lines – Underground or Overhead



Fibre Optic Line



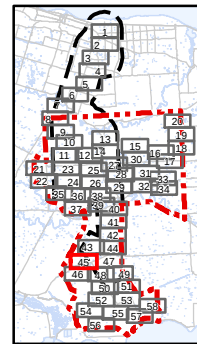
Potential Access Road



Access Road 20m Construction Area

Notes

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Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.

3.45

Title

Water Bodies
Figure 3.45



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Legend



Watercourse (MNR)

Waterbody

Non-waterbody

Proposed Turbine Location

Turbine Blade Length 30m Buffer

Tap-in Location



Preferred Transmission Route

Alternate Transmission Route

Temporary Laydown Area

Transformer Substation

Potential Construction Laydown Area

Collector Lines – Underground or Overhead

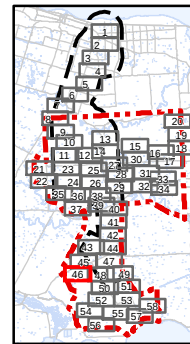
Fibre Optic Line

Potential Access Road

Access Road 20m Construction Area

Notes

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Niagara Region Wind Farm
Water Assessment and Waterbody Report

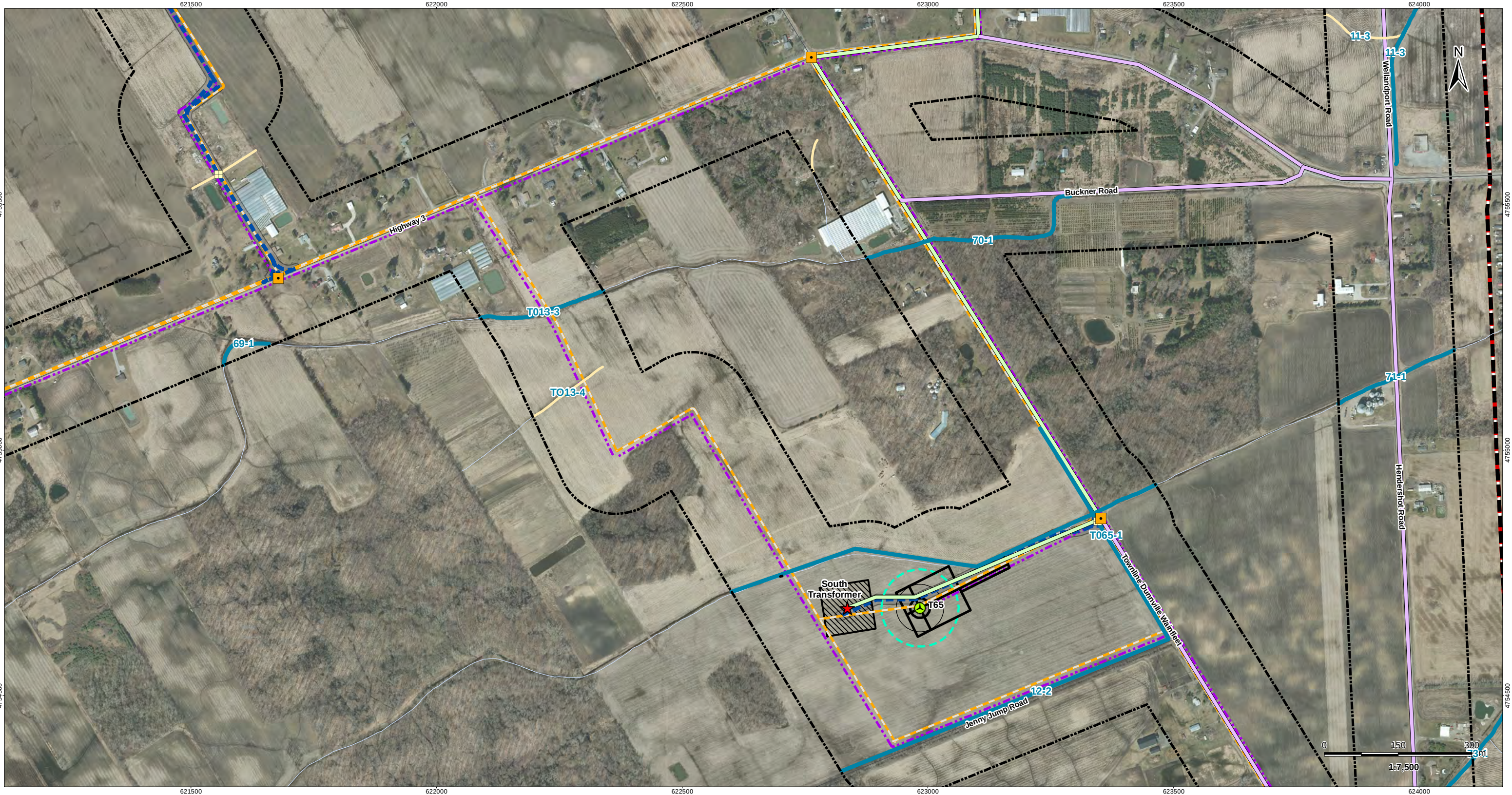
Figure No.

3.46

Title

Water Bodies
Figure 3.46

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160950269



Legend



Project Study Area
Interconnector Study Area
120m Zone of Investigation
Watercourse (MNR)

Waterbody

Non-waterbody

Proposed Turbine Location

Turbine Blade Length 30m Buffer

Tap-in Location



Transformer Substation Location



Junction Box



Proposed Culvert



Turbine Blade Length



Preferred Transmission Route



Alternate Transmission Route



Temporary Laydown Area



Transformer Substation



Potential Construction Laydown Area

Collector Lines – Underground or Overhead

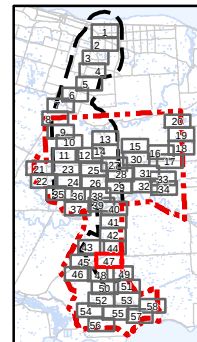
Fibre Optic Line

Potential Access Road

Access Road 20m Construction Area

Notes

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Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.

3.47

Title

Water Bodies
Figure 3.47

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160950269



Legend



Project Study Area
Interconnector Study Area
120m Zone of Investigation
Watercourse (MNR)
Waterbody
Non-waterbody
Proposed Turbine Location
Turbine Blade Length 30m Buffer
Tap-in Location

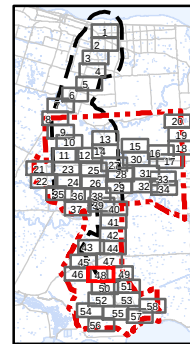


Transformer Substation Location
Junction Box
Proposed Culvert
Turbine Blade Length
Preferred Transmission Route
Alternate Transmission Route
Temporary Laydown Area
Transformer Substation
Potential Construction Laydown Area

Collector Lines – Underground or Overhead
Fibre Optic Line
Potential Access Road
Access Road 20m Construction Area

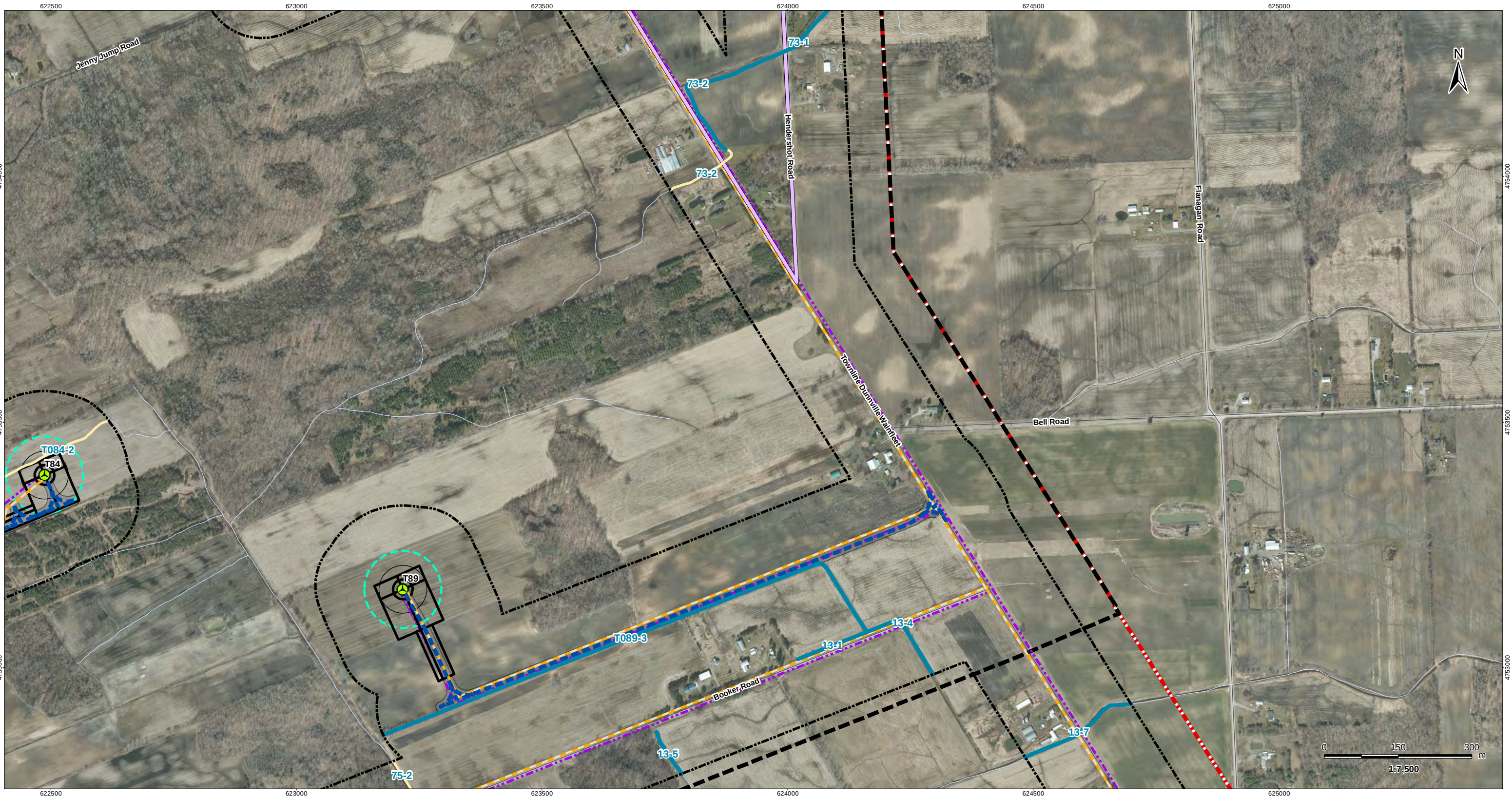
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Niagara Region Wind Farm
Water Assessment and Waterbody Report
Figure No.
3.48
Title
Water Bodies
Figure 3.48

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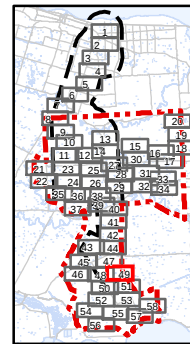
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|--|---------------------------------|--|-------------------------------------|
| | Project Study Area | | Transformer Substation Location |
| | Interconnector Study Area | | Junction Box |
| | 120m Zone of Investigation | | Proposed Culvert |
| | Watercourse (MNR) | | Turbine Blade Length |
| | 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 |

- | | |
|--|---|
| | Collector Lines – Underground or Overhead |
| | Fibre Optic Line |
| | Potential Access Road |
| | Access Road 20m Construction Area |

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Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.

3.49

Title

Water Bodies
Figure 3.49



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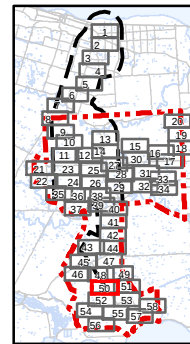
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- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Watercourse (MNR)
- Waterbody
- Non-waterbody
- Proposed Turbine Location
- Turbine Blade Length 30m Buffer
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Turbine Blade Length
- Preferred Transmission Route
- Alternate Transmission Route
- Temporary Laydown Area
- Transformer Substation
- Potential Construction Laydown Area

- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area

Notes

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Water Assessment and Waterbody Report

Figure No.
3.50

Title
Water Bodies
Figure 3.50

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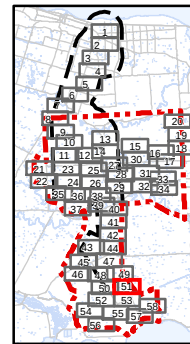
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|--|---------------------------------|--|-------------------------------------|
| | Project Study Area | | Transformer Substation Location |
| | Interconnector Study Area | | Junction Box |
| | 120m Zone of Investigation | | Proposed Culvert |
| | Watercourse (MNR) | | Turbine Blade Length |
| | 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 |

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| | Collector Lines – Underground or Overhead |
| | Fibre Optic Line |
| | Potential Access Road |
| | Access Road 20m Construction Area |

Notes

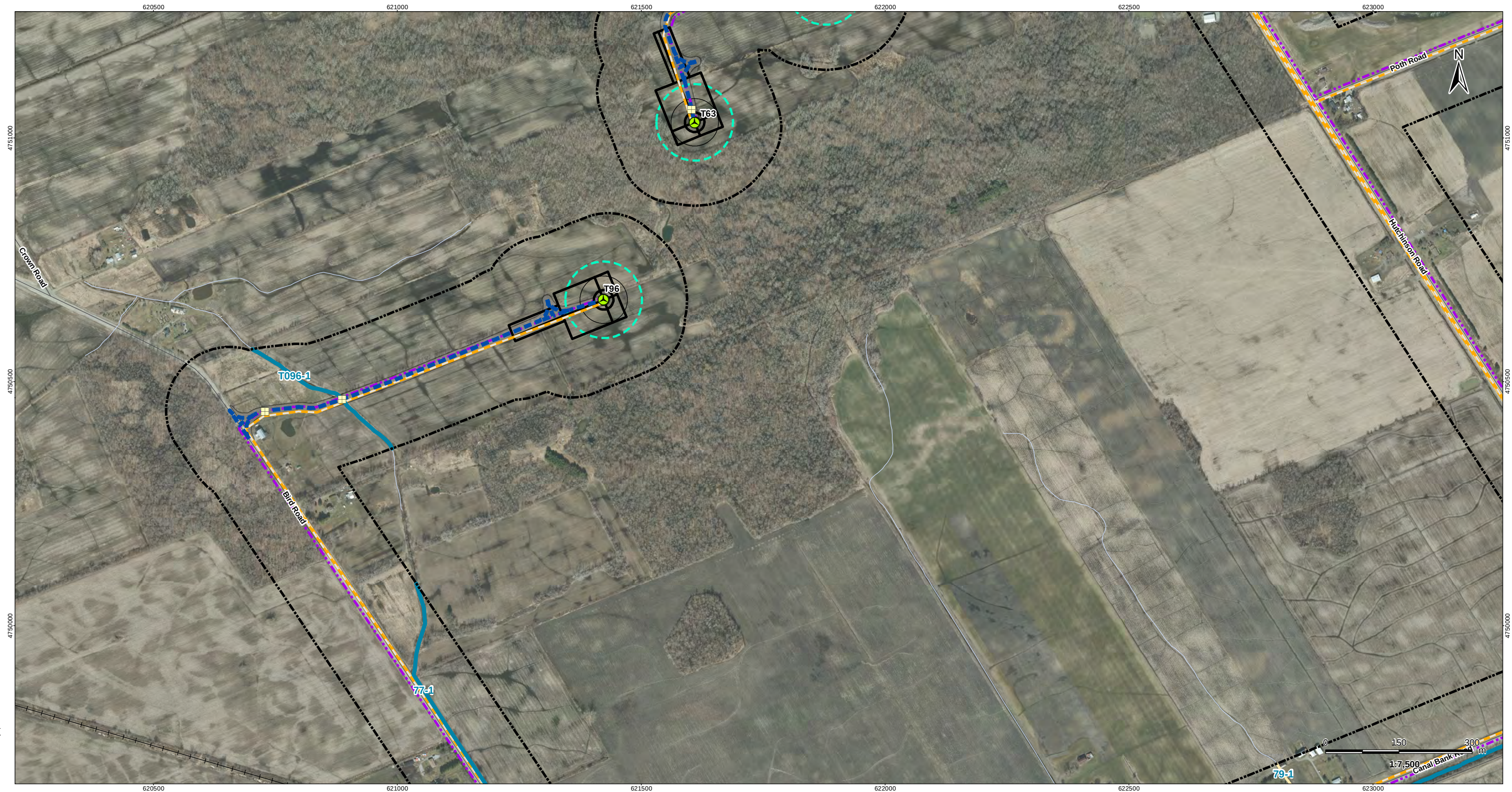
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Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.51

Title
Water Bodies
Figure 3.51



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|---|---------------------------------|---|-------------------------------------|
|  | Project Study Area |  | Transformer Substation Location |
|  | Interconnector Study Area |  | Junction Box |
|  | 120m Zone of Investigation |  | Proposed Culvert |
|  | Watercourse (MNR) |  | Turbine Blade Length |
|  | 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 |

- Collector Lines – Underground or Overhead
-  Fibre Optic Line
-  Potential Access Road
-  Access Road 20m Construction Area

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Figure No.
3.52

Water Bodies

Figure 3.52

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Legend



Watercourse (MNR)

Waterbody

Non-waterbody

Proposed Turbine Location

Turbine Blade Length 30m Buffer

Tap-in Location



Transformer Substation Location



Junction Box



Proposed Culvert



Turbine Blade Length



Preferred Transmission Route



Alternate Transmission Route



Temporary Laydown Area



Transformer Substation



Potential Construction Laydown Area



Collector Lines – Underground or Overhead



Fibre Optic Line



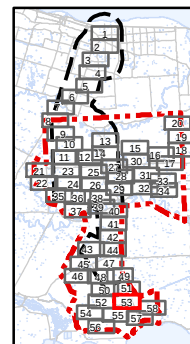
Potential Access Road



Access Road 20m Construction Area

Notes

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Niagara Region Wind Farm
Water Assessment and Waterbody Report

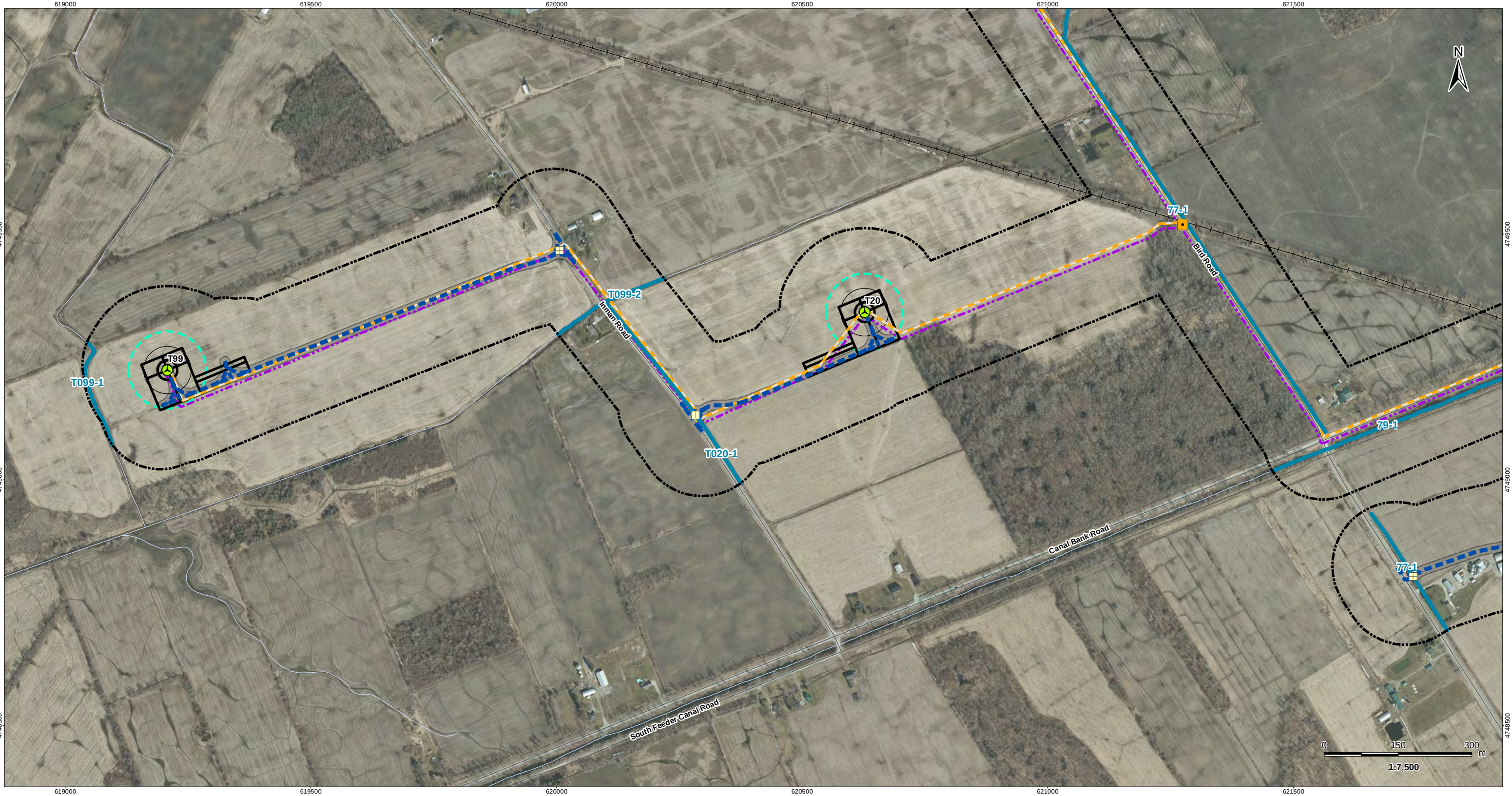
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3.53

Title

Water Bodies
Figure 3.53

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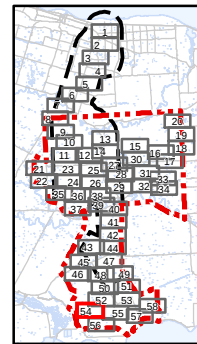
Legend

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|--|---------------------------------|--|-------------------------------------|
| | Project Study Area | | Transformer Substation Location |
| | Interconnector Study Area | | Junction Box |
| | 120m Zone of Investigation | | Proposed Culvert |
| | Watercourse (MNR) | | Turbine Blade Length |
| | 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 |

- | | |
|--|---|
| | Collector Lines – Underground or Overhead |
| | Fibre Optic Line |
| | Potential Access Road |
| | Access Road 20m Construction Area |

Notes

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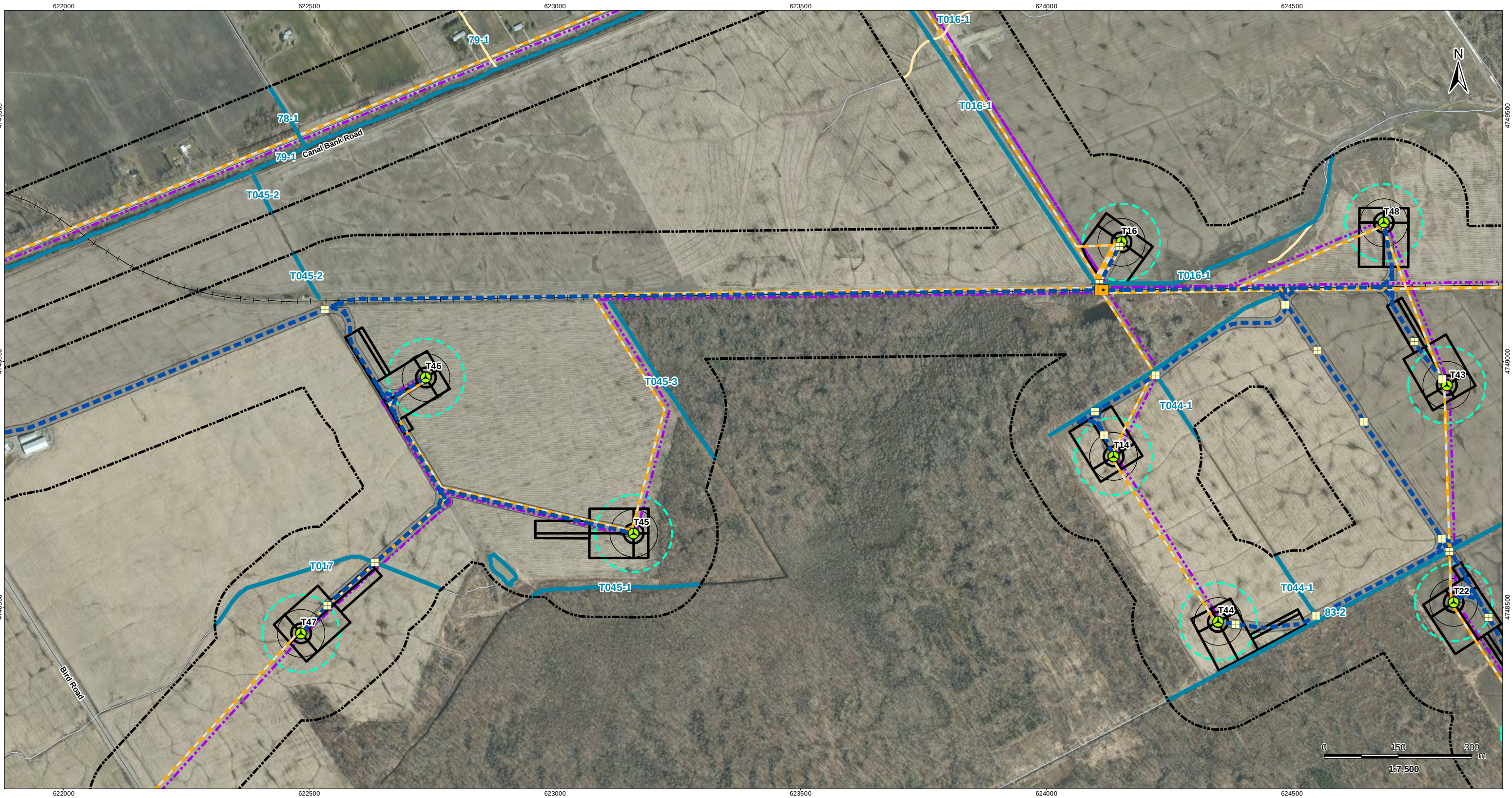


Client/Project
Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.54

Title
**Water Bodies
Figure 3.54**

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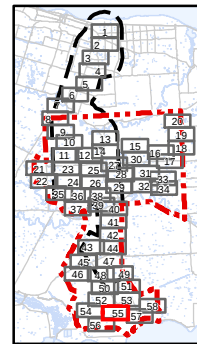
Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Watercourse (MNR)
- Waterbody
- Non-waterbody
- Proposed Turbine Location
- Turbine Blade Length 30m Buffer
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Turbine Blade Length
- Preferred Transmission Route
- Alternate Transmission Route
- Temporary Laydown Area
- Transformer Substation
- Potential Construction Laydown Area

- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area

Notes

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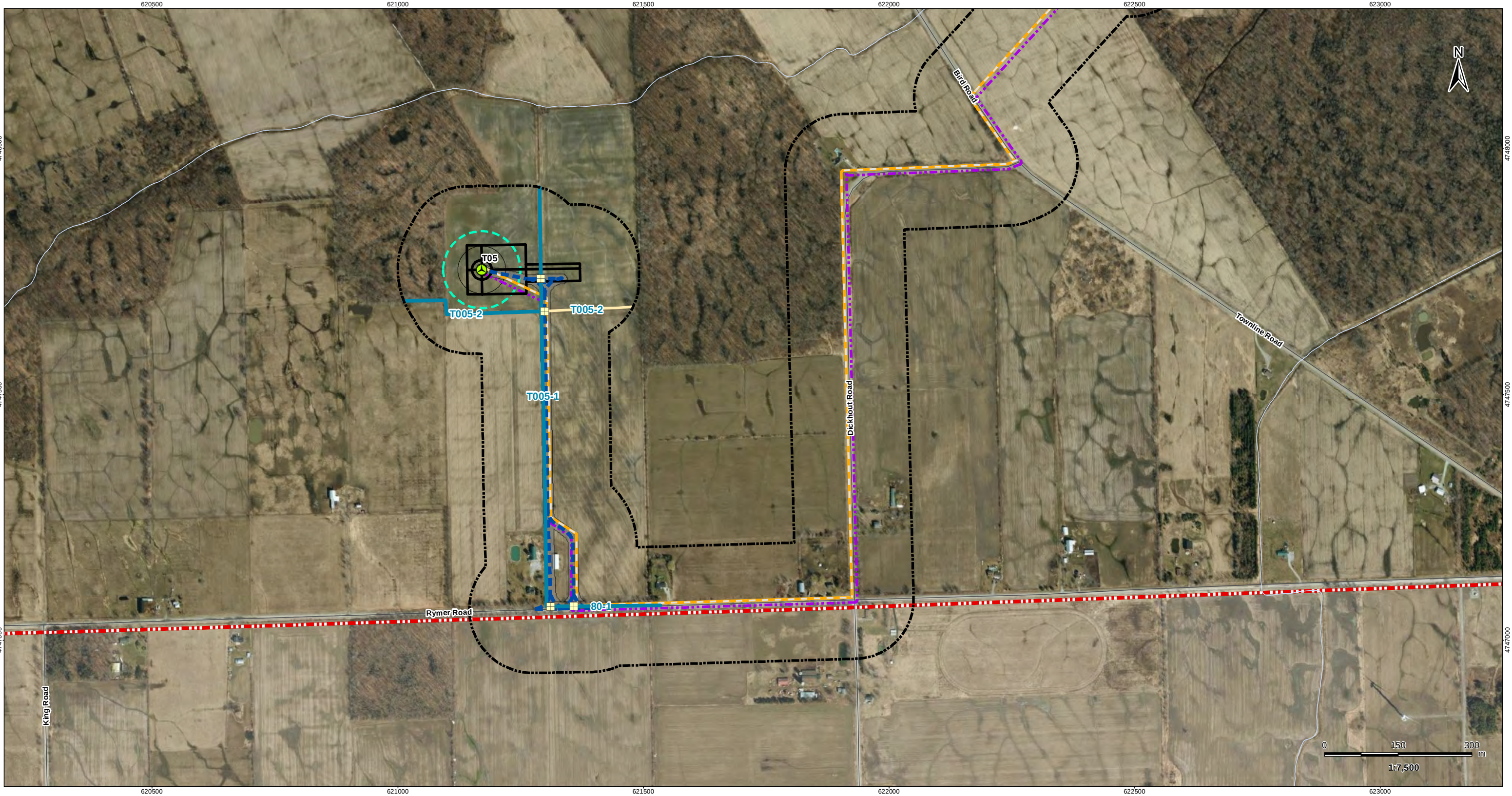


Client/Project
Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.55

Title
Water Bodies
Figure 3.55

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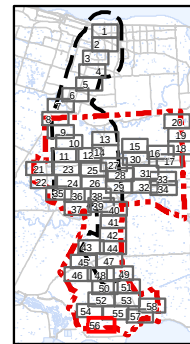
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|--|---------------------------------|--|-------------------------------------|
| | Project Study Area | | Transformer Substation Location |
| | Interconnector Study Area | | Junction Box |
| | 120m Zone of Investigation | | Proposed Culvert |
| | Watercourse (MNR) | | Turbine Blade Length |
| | 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 |

- | | |
|--|---|
| | Collector Lines – Underground or Overhead |
| | Fibre Optic Line |
| | Potential Access Road |
| | Access Road 20m Construction Area |

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Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.56

Title
Water Bodies
Figure 3.56

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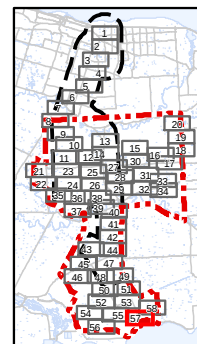
Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Watercourse (MNR)
- Waterbody
- Non-waterbody
- Proposed Turbine Location
- Turbine Blade Length 30m Buffer
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Turbine Blade Length
- Preferred Transmission Route
- Alternate Transmission Route
- Temporary Laydown Area
- Transformer Substation
- Potential Construction Laydown Area

- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area

Notes

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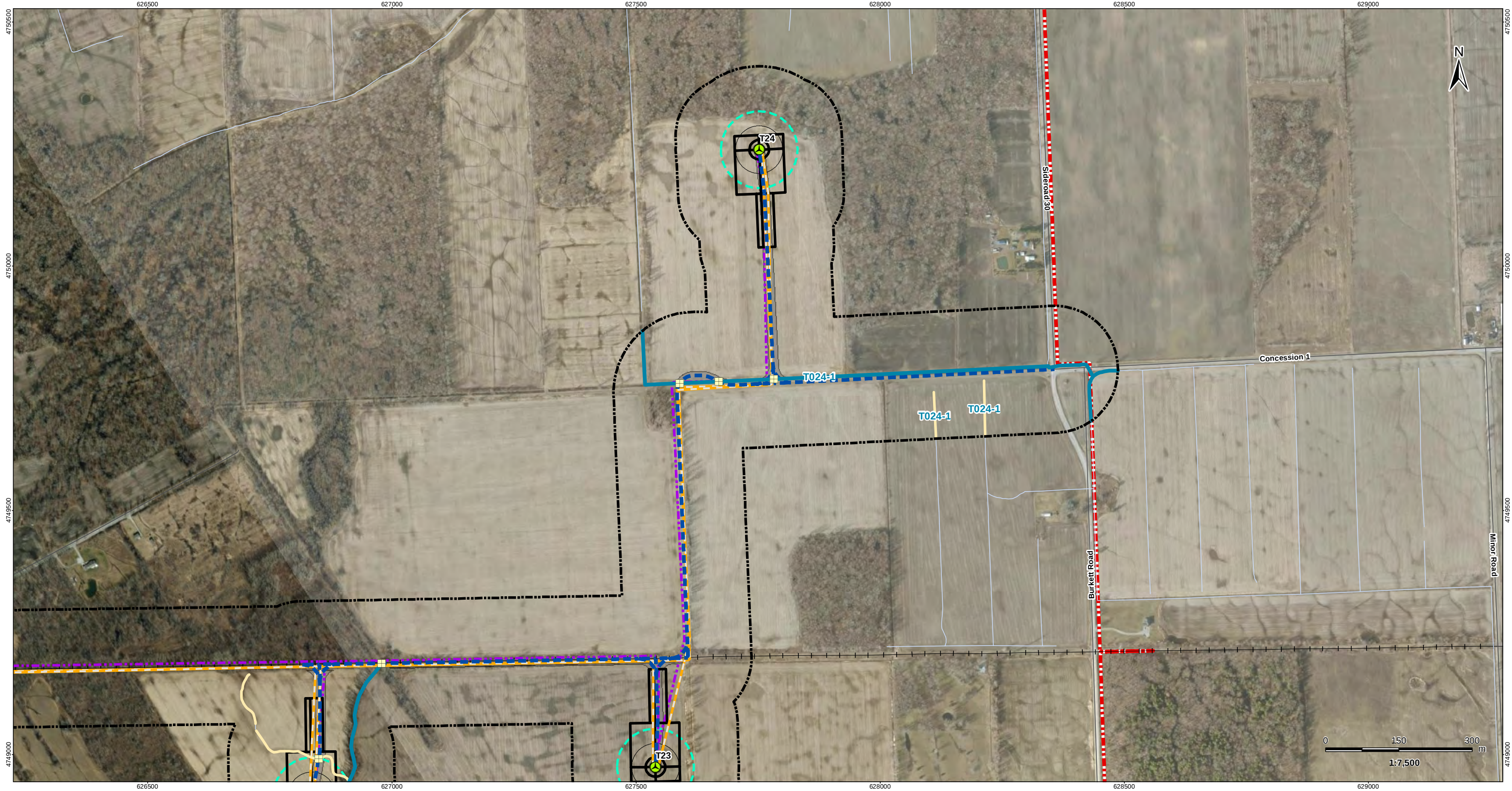


Client/Project
Niagara Region Wind Corporation
Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
3.57

Title
Water Bodies
Figure 3.57

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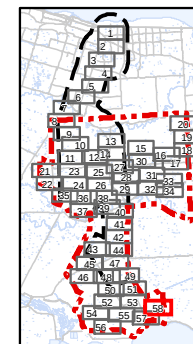


Legend

- | | | |
|---------------------------------|-------------------------------------|---|
| 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

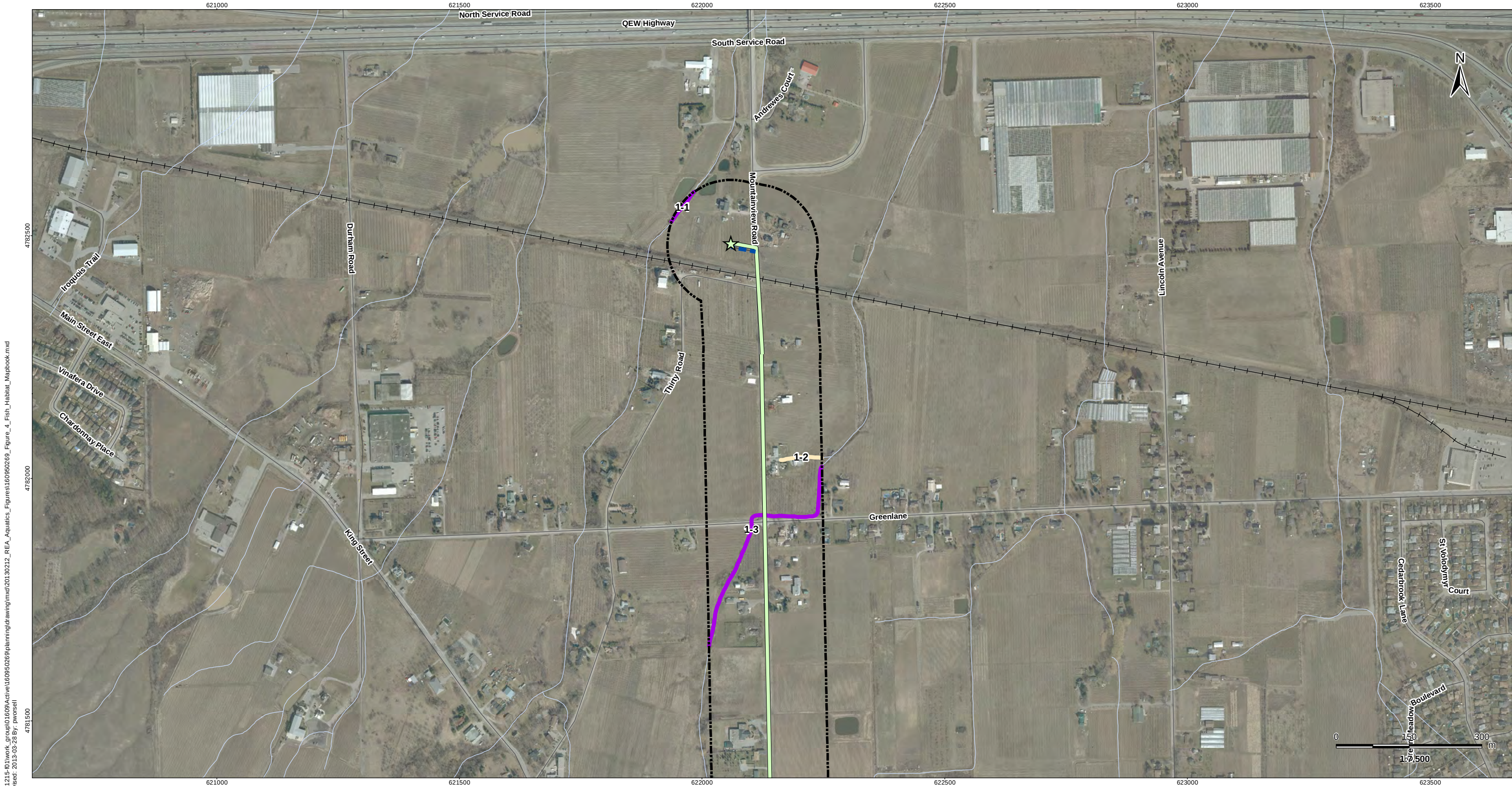
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Water Assessment and Waterbody Report

Figure No.
3.58

Title
**Water Bodies
Figure 3.58**



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Revised: 2013-03-28 By: pworsell

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160950269

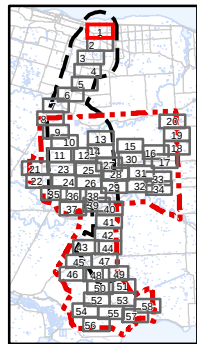


Legend

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

Notes

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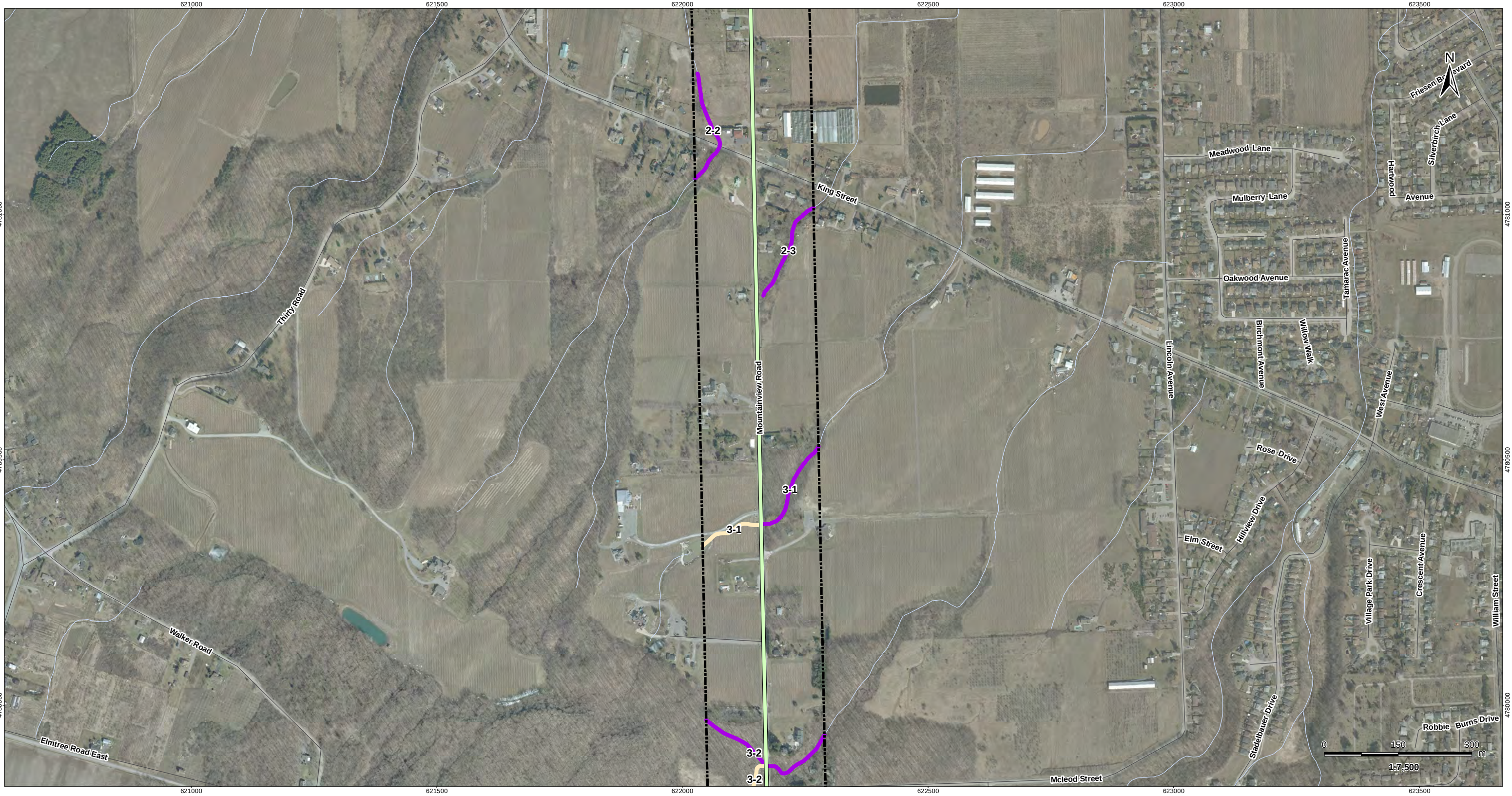


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Niagara Region Wind Farm
Water Assessment and Waterbody Report

Figure No.
4.1

Title
**Fish Habitat
Figure 4.1**

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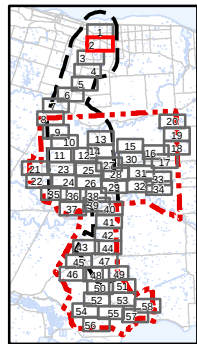


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|--|----------------------------|--|---------------------------------|--|---|
| | Project Study Area | | Tap-in Location | | Transformer Substation |
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| | Proposed Turbine Location | | Temporary Laydown Area | | |
| | Turbine Blade Length | | | | |

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Water Assessment and Waterbody Report

Figure No.

4.2

Title

**Fish Habitat
Figure 4.2**

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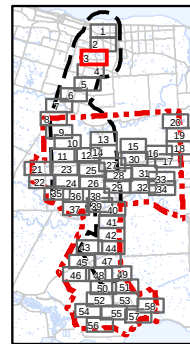


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| | Project Study Area | | Tap-in Location | | Transformer Substation |
| | Interconnector Study Area | | Transformer Substation Location | | Potential Construction Laydown Area |
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| | Turbine Blade Length | | | | |

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Figure No.
4.3

Title
**Fish Habitat
Figure 4.3**

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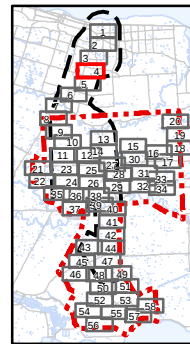


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|----------------------------|---------------------------------|---|
| Project Study Area | Tap-in Location | Transformer Substation |
| Interconnector Study Area | Transformer Substation Location | Potential Construction Laydown Area |
| 120m Zone of Investigation | Junction Box | Collector Lines – Underground or Overhead |
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| Fish Habitat | Preferred Transmission Route | Potential Access Road |
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| Proposed Turbine Location | Temporary Laydown Area | |
| Turbine Blade Length | | |

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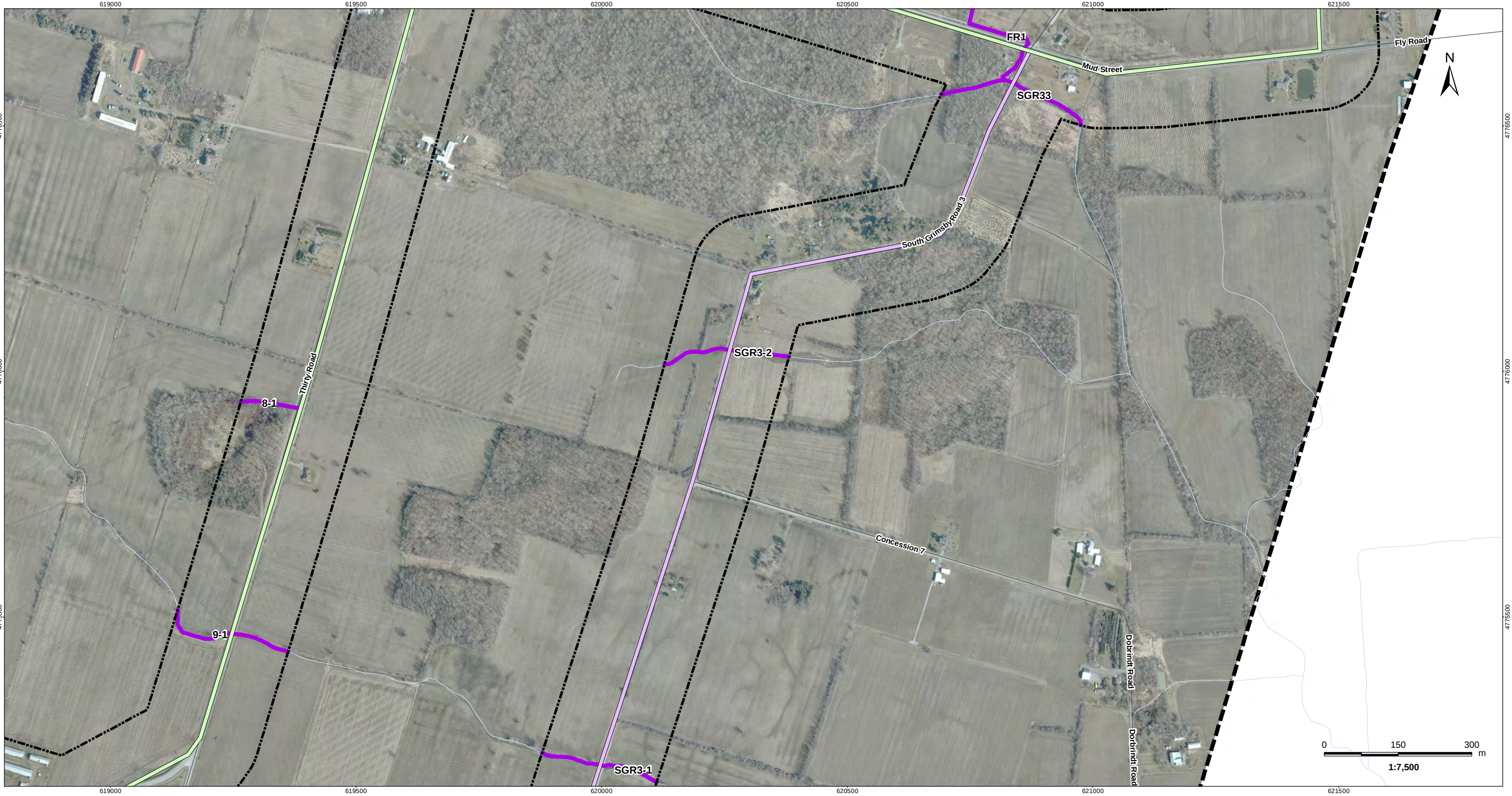


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Water Assessment and Waterbody Report

Figure No.
4.4

Title
Fish Habitat
Figure 4.4

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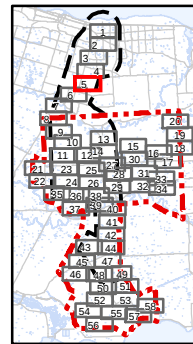


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|--|----------------------------|--|---------------------------------|--|---|
| | Project Study Area | | Tap-in Location | | Transformer Substation |
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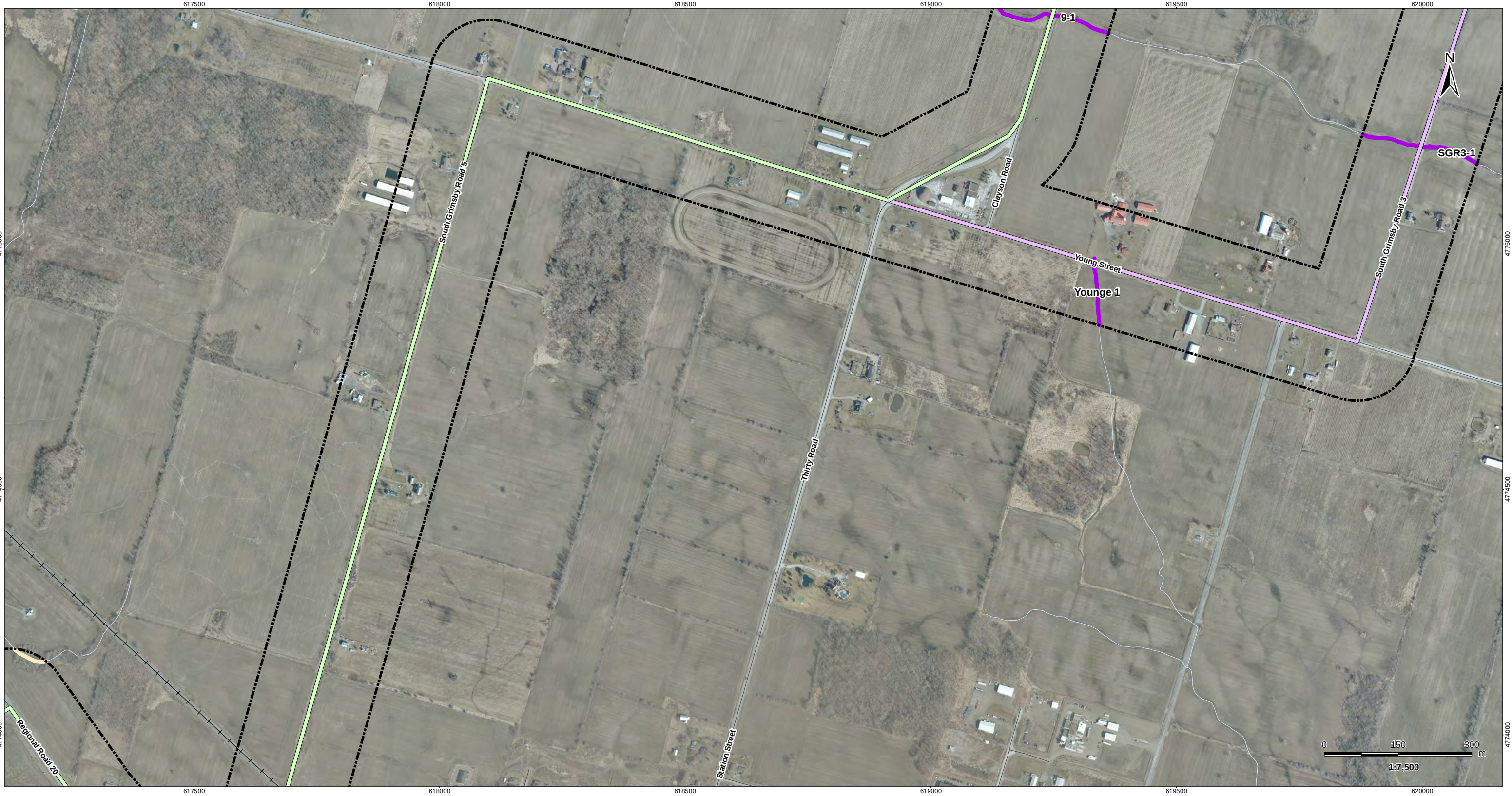


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Figure No.
4.5

Title
Fish Habitat
Figure 4.5

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Revised: 2013-03-28 By: pworsell



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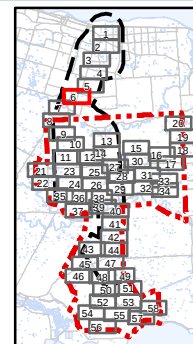


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| | Project Study Area | | Tap-in Location | | Transformer Substation |
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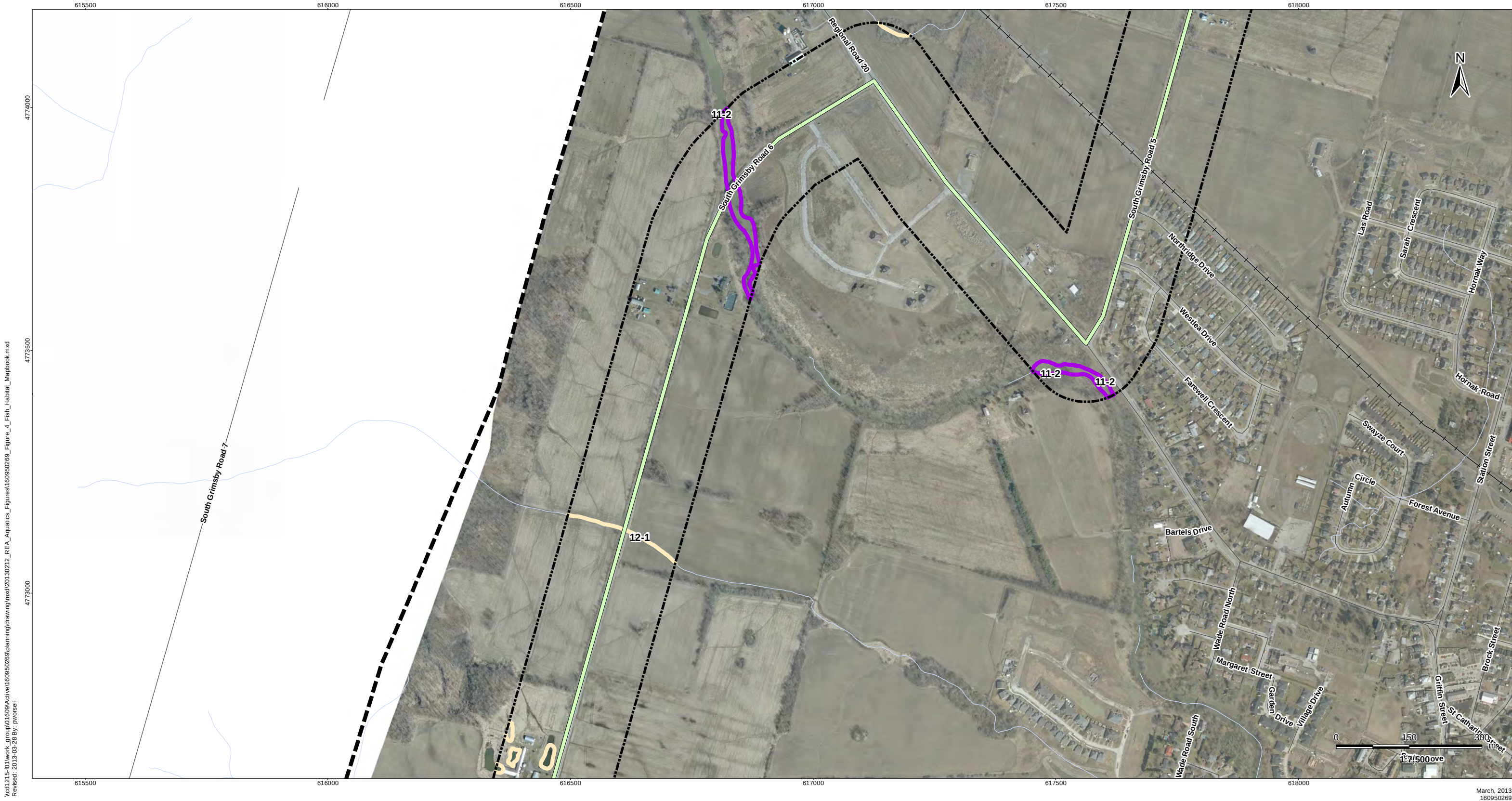
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Figure No.
4.6

Title
Fish Habitat
Figure 4.6



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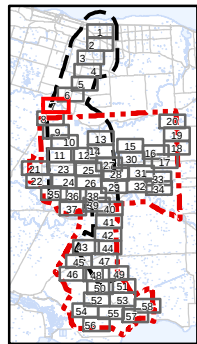


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| | Project Study Area | | Tap-in Location | | Transformer Substation |
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Figure No.
4.7

Title
Fish Habitat
Figure 4.7

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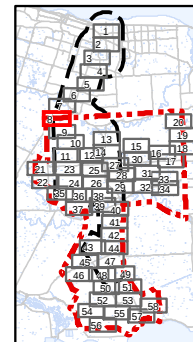


Legend

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|----------------------------|---------------------------------|---|
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Figure No.
4.8

Title
**Fish Habitat
Figure 4.8**