

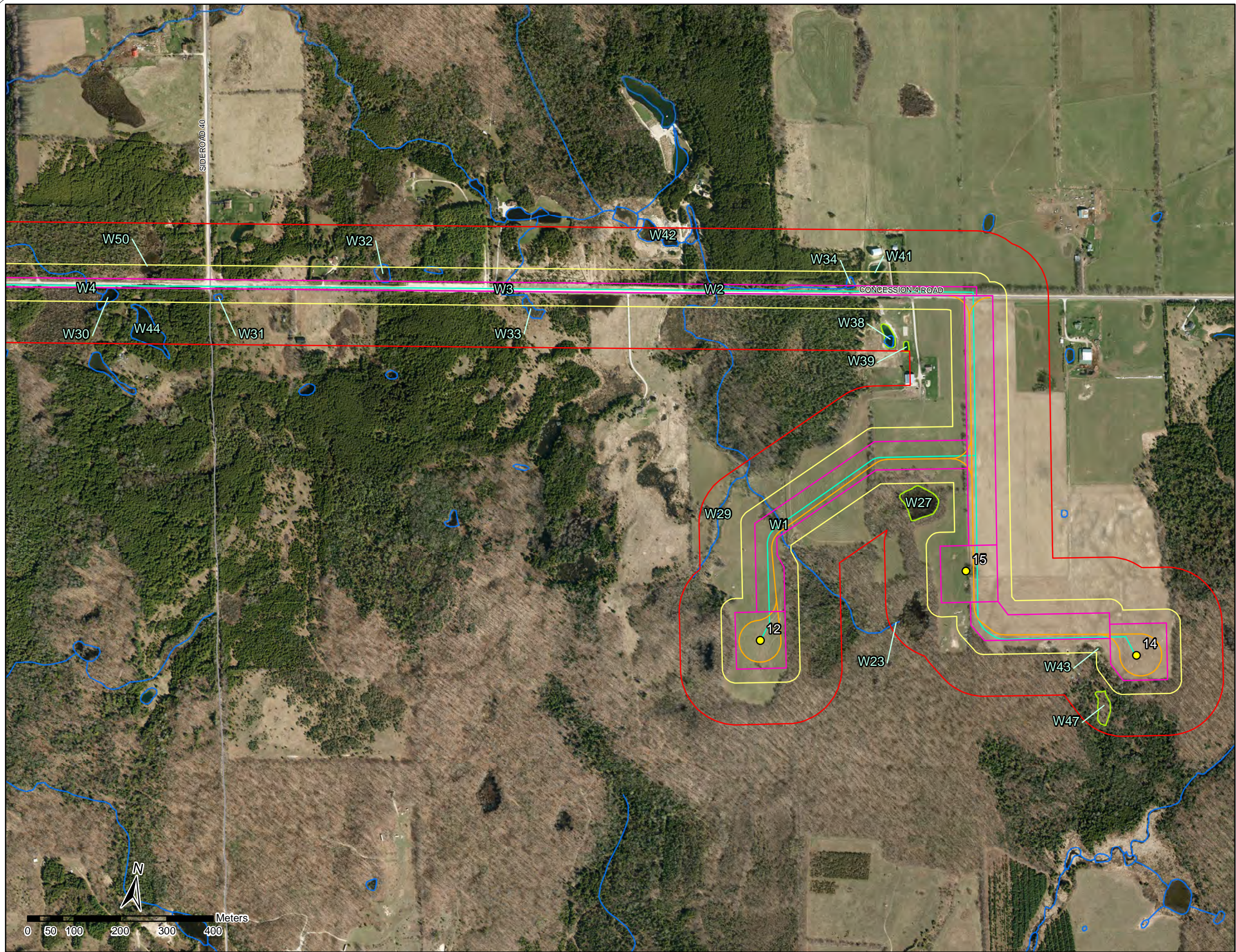
LEGEND

- W Water Feature
- Flow Direction
- Site Plan (2012-11-21)**
- Turbine
- MET Tower
- Access Road
- Construction Disturbance
- Underground Collection
- - - Overhead Transmission
- MET Tower 200ft Disturbance Area
- Substation
- Laydown Area
- 30m Buffer from Project Components
- 120m Buffer from Project Components
- Study Area (Dec 2011)
- ELC Plant Community Boundary
- Watercourse (LIO, 2012-06-19)
- Waterbody (LIO, 2012-06-19)

Water Features Identified Through Records Review & Site Investigation



Project	TA8119	Figure	6
Date	Dec, 2012	Prepared By:	KC
Scale	1:17,000	Verified By:	LKR



LEGEND

- W Water Feature
- Site Plan (2012-11-21)**
- Turbine
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Water Features Identified Through Records Review & Site Investigation



Project	TA8119	Figure	7
Date	Dec, 2012	Prepared By:	KC
Scale	1:8,000	Verified By:	LKR

3.2.2 Summary of Corrections to Records Review

Corrections made to information collected through Records Review included features identified as water bodies that were not included in the NRVIS data layer or in the The Midhurst District Water Assessment and Water Body Records Review for RE Projects (MNR, 2012). The extent of corrections to water features located within 120m of the project location were minor and included the following (as depicted in Figures 4 through 7):

- W2, W6, W19, W43 and W47 – seepage areas defined through site investigation;
- W1 and W29 – under active agricultural use and replaced with artificially straightened, grassed drainage channel in tilled agricultural field;
- W13 and W24 – agricultural swale with seasonally saturated soil, tilled through and planted in growing season;
- W36 – identified as an open water aquatic pond with hydrological connection to W25; and,
- W49 – identified as an open water aquatic pond during site investigation.

3.2.3 Identification of Water Bodies

Water features determined to be water bodies under the REA regulation are summarized in Table 6. Of the 23 potential pond features identified through NRVIS in records review and site investigation 3 of them were determined to be within 120m of the Project Location and meet the criteria described for a ‘water body’ under O.Reg. 359/09. Many of these features met the definition of a wetland feature in that hydrophytic vegetation was dominant within the feature. Of the water features investigated, 13 were found to meet the description of intermittent or permanent streams, 3 as natural ponds, and 5 areas of seepage were identified to be within 120m of the Project Location. Indication of the relative sensitivity of each water body is also provided in Table 6 based on the thermal regime, evidence of groundwater input, presence of fish habitat, water quality, degree of naturalness and type of flow. Each of the water bodies identified in Table 6 was addressed in the Water Body Report in the subsequent section and is displayed in Figure 8 below.