

**Stantec**

**AMHERST ISLAND WIND ENERGY PROJECT  
PROPERTY LINE SETBACK ASSESSMENT REPORT**

## **Attachment B**

# **Individual Property Line Setback Assessments**

Attachment B: Property Line Assessment Summary

Turbine ID	Approximate Distance to Property Line (m)	Approximate Distance of Overlap (m)	Features Within Overlap	Potential Effect	Preventative Measures/Mitigation Strategy	Net Effects
S01	90.456	9.044	Infrastructure: <input type="checkbox"/> Land Use and Businesses: <input checked="" type="checkbox"/> Hedgerows: <input type="checkbox"/> Woodlots: <input type="checkbox"/> Watercourses: <input type="checkbox"/>	Limited adverse impacts to agricultural land, including crop damage and soil compaction, may occur in the unlikely event of turbine collapse.	The turbines would be constructed and designed by professional engineers, undergo regular maintenance and monitoring by operational staff, and contain shutdown mechanisms in instances such as extreme weather or malfunction. Probability of turbine collapse is low.  In the unlikely event of damage to agricultural land due to turbine collapse, landowners would be compensated by Windlectric for any crop damage, damage to fencing and measures are outlined in the REA documents to mitigate soil compaction.	Following the application of documented preventative measures no adverse net effects on agricultural land is anticipated.
S12	97.286	2.214	Infrastructure: <input type="checkbox"/> Land Use and Businesses: <input checked="" type="checkbox"/> Hedgerows: <input type="checkbox"/> Woodlots: <input type="checkbox"/> Watercourses: <input type="checkbox"/>	Limited adverse impacts to agricultural land, including crop damage and soil compaction, may occur in the unlikely event of turbine collapse.	The turbines would be constructed and designed by professional engineers, undergo regular maintenance and monitoring by operational staff, and contain shutdown mechanisms in instances such as extreme weather or malfunction. Probability of turbine collapse is low.  In the unlikely event of damage to agricultural land due to turbine collapse, landowners would be compensated by Windlectric for any crop damage, damage to fencing and measures are outlined in the REA documents to mitigate soil compaction.	Following the application of documented preventative measures no adverse net effects on agricultural land is anticipated.
S14	98.837	0.663	Infrastructure: <input type="checkbox"/> Land Use and Businesses: <input checked="" type="checkbox"/> Hedgerows: <input type="checkbox"/> Woodlots: <input checked="" type="checkbox"/> Watercourses: <input type="checkbox"/>	Limited adverse impacts to agricultural land, including crop damage and soil compaction, may occur in the unlikely event of turbine collapse.  Limited adverse impacts to woodlands, including vegetation damage and disturbance to related wildlife habitat, may occur in the unlikely event of turbine collapse.	The turbines would be constructed and designed by professional engineers, undergo regular maintenance and monitoring by operational staff, and contain shutdown mechanisms in instances such as extreme weather or malfunction. Probability of turbine collapse is low.  In the unlikely event of damage to agricultural land due to turbine collapse, landowners would be compensated by Windlectric for any crop damage, damage to fencing and measures are outlined in the REA documents to mitigate soil compaction.  Additional mitigation measures for vegetation, including damage and disturbance to wildlife habitat, are outlined in the REA reports.	Following the application of documented preventative measures no adverse net effects on agricultural land and woodlands are anticipated.
S15	80.334	19.166	Infrastructure: <input type="checkbox"/> Land Use and Businesses: <input checked="" type="checkbox"/> Hedgerows: <input type="checkbox"/> Woodlots: <input type="checkbox"/> Watercourses: <input type="checkbox"/>	Limited adverse impacts to agricultural land, including crop damage and soil compaction, may occur in the unlikely event of turbine collapse.	The turbines would be constructed and designed by professional engineers, undergo regular maintenance and monitoring by operational staff, and contain shutdown mechanisms in instances such as extreme weather or malfunction. Probability of turbine collapse is low.  In the unlikely event of damage to agricultural land due to turbine collapse, landowners would be compensated by Windlectric for any crop damage, damage to fencing and measures are outlined in the REA documents to mitigate soil compaction.	Following the application of documented preventative measures no adverse net effects on agricultural land is anticipated.