

LEGEND

- HIGHWAY
- LOCAL ROAD
- WATERCOURSE
- WATERBODY
- PROPERTY BOUNDARY
- NOISE AND SHADOW FLICKER STUDY AREA

PROJECT NOISE SOURCES

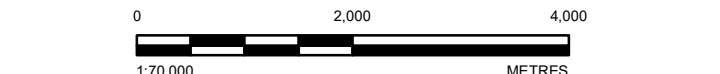
- TURBINE LOCATION WINDY RIDGE
- SUBSTATION

PREDICTED SHADOW FLICKER FROM THE PROJECT

- LESS THAN 8 HOURS PER YEAR OF SHADOW FLICKER
- LESS THAN 5 HOURS PER YEAR OF SHADOW FLICKER
- NO SHADOW FLICKER

PREDICTED WINDY RIDGE NOISE LEVEL [DBA]

- 36 DBA COUNTY NOISE LIMIT (APPLICABLE TO HOUSES AND COTTAGES)
- 40 DBA PROVINCIAL NOISE LIMIT (APPLICABLE TO OTHER TYPES OF RECEPTORS)



NOTE(S)
 ALTERNATE TURBINE LOCATIONS WERE NOT INCLUDED IN THE NOISE AND SHADOW FLICKER MODELLING. SHOULD AN ALTERNATE TURBINE LOCATION BE REQUIRED, NOISE AND SHADOW FLICKER WILL BE REMODELLED AND COMPLIANCE WITH REGULATORY THRESHOLDS MAINTAINED.

REFERENCE(S)
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 DATUM: NAD83 PROJECTION: UTM ZONE 20

CLIENT
EVERWIND FUELS (EWF)

PROJECT
WINDY RIDGE WIND PROJECT

TITLE
WINDY RIDGE NOISE & SHADOW FLICKER SUMMARY

CONSULTANT	YYYY-MM-DD	2024-02-07
	DESIGNED	VY
	PREPARED	PT
	REVIEWED	LB
	APPROVED	TC

PROJECT NO. CA0020489.7754 CONTROL 2001 REV. 0 FIGURE 1

PATH: I:\CLIENTS\ESR\Canada\CA0020489_7754\Maping\Noise\Rev0\CA0020489_7754_Fig1_Noise_ShadowFlicker_Rev0.mxd PRINTED ON: 2024-02-07 AT: 11:11:18 AM
 28mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B