



**Notes**  
 1. All mapped features are approximate and should be used for discussion purposes only.

**Sources**  
 - Basedata: Government of Alberta  
 - Wind Farm Layout: WSP Canada Inc., 2017  
 - Compliance Noise Contours: RWDI, 2017  
 - Basemap: ESRI World Imagery  
 - Inset Map: ESRI Topographic Map

**Forty Mile Wind Power Project – Shadow Flicker & Noise Map**

Date Created: Mar 8, 2018  
 Page Size: 11" x 17"

Reference Scale: 1:100,000  
 Coordinate System: NAD 1983 UTM Zone 12N

**Legend**

Proposed Wind Turbine Location	Daytime Compliance Noise Contour (48.3 dBA)	Predicted Shadow Flicker (hours annually)	Proposed Meteorological Tower Location	Quarter Section Boundary
Moved Wind Turbine Location	Nighttime Compliance Noise Contour (38.3 dBA)	0 - 4 hours	Project Boundary	Substation / Operations & Maintenance Facility
		4 - 8 hours	Existing 240 kV Transmission Line	Construction Yard
		8 hours or more	Existing AltaLink Whitla Substation	



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