






South	West
	
Description	
<p>Installed at NML02, located to the southeast of the proposed development.</p> <p>The noise monitoring equipment was installed in the south eastern garden of the property. This location was selected to avoid being too close to the river (Duneaton Water) to the west of the property.</p> <p>The soundscape at this location consisted of dominant road noise from the M74 motorway and birdsong. Duneaton Water was not audible at time of installation. Middle Muir Wind Farm to the west was not audible.</p>	

NML03 – Netherton Farm	
	
North	East
	



South	West
	
Description	
<p>Installed at NML03, located to the southeast of the proposed development.</p> <p>The noise monitoring equipment was installed along the southern boundary of the property's garden.</p> <p>The soundscape at this location consisted dominantly of road noise from the M74 motorway, occasional car noise from nearby road, birdsong and noises of general farm activities and livestock. Wind turbines to the east and Duneaton Water were both visible, but not audible.</p>	

NML04 – Maidencotts Farm	
	
North	East
	



South	West
	
<p><b>Description</b></p> <p>Installed at NML04, located to the east of the proposed development.</p> <p>The noise monitoring equipment was installed to the west of the property, in an amenity area of the garden. This location was selected to avoid being too close to the residential building, whilst still in the amenity area of the property and therefore representative of the typical soundscape.</p> <p>The soundscape at this location consisted of road noise from the M74 motorway, which was dominant. Birdsong and rustling of foliage was audible, as well as noise from farm activities and animals.</p>	

NML05 – Crawfordjohn Mill Farm	
	
North	East
	



South	West
	
<b>Description</b>	
Installed at NML05, located to the south of the proposed development.	
The noise monitoring equipment was installed in the garden to the south of the property. The equipment was located to the south of the property, away from a burn/watercourse to the east.	
The soundscape at this location consisted primarily of birdsong and a light breeze in foliage. Some noise from log chopping in garden of property to the south was audible. M74 motorway was not audible and the burn to the east was not audible.	

Field Data Sheet - NML1



Project Title	M74 West Renewable Energy Park	Project Number	15990
Client	M74 West Limited	Surveyor	TS

MONITORING LOCATION	
Location Number	NML1
Location Name	NML01 - Over Balgray
Description	Field on the opposite side of driveway to residential property. Noise kit situated here at residents request due to dog using the garden. Noise kit less than 10m from the property's amenity area.  Equipment located >3.5m from nearby facades or reflective surfaces.
Eastings	288047
Northings	624648
Noise sources noted during installation, weekly inspection and removal	Noise from M74 motorway audible. Birdsong audible. Calls from farm animals audible but not dominant. Light breeze in foliage. Sunny (Okta 1), 5°c.

NOISE MONITORING EQUIPMENT DETAILS				
	Number	Model	Serial Number	Last Calibrated/ Conformance Checked
Sound Level Meter	SLM 58	NL52	721000	05/09/2022
Calibrator	CAL 2	NC74	34973250	18/12/2023

Weather Measurement	None
Equipment Notes	

NOISE MONITORING EQUIPMENT SETTINGS						
	Frequency Weighting	Index	Interval	Time Weighting	Range (Hz)	Audio Recording
Parameters Recorded	A	Leq. L90. Lmax. L10	10 Mins	Fast	20-110	No

DATA						
File Name	Start Time	End Time	Cal. at Start (dB)	Cal. at End (dB)	Drift (dB)	Observations
101	30/01/2024 11:40	27/02/2024 12:50	94.0	94.0	0.0	Strong wind in foliage. Birdsong. Dry and cloudy. 8°c
102	27/02/2024 12:50	26/03/2024 12:10	94.0	94.0	0.0	Birdsong, faint noise from wind in foliage. Farm animal noise. Quiet location. Occasional road noise from passing car.



NML1 PHOTOGRAPHS

Northwest		Northeast	
			
Southwest		Southeast	
			

Field Data Sheet - NML2



Project Title	M74 West Renewable Energy Park	Project Number	15990
Client	M74 West Limited	Surveyor	MT & TS

MONITORING LOCATION

Location Number	NML2
Location Name	NML02 - Duneaton Bridge House
Description	In the garden, next to and east of the site office building. Located on far side of building from the river. Preferred location of staff.  Equipment located >3.5m from nearby facades or reflective surfaces.
Eastings	291629
Northings	624561
Noise sources noted during installation, weekly inspection and removal	Distant road noise from M74 motorway dominant. No wind or wind induced noise. River not audible. Drain on far side of road just slightly audible with runoff from the adjoining field. Sunny (Okta 1), 3°C

NOISE MONITORING EQUIPMENT DETAILS

	Number	Model	Serial Number	Last Calibrated/ Conformance Checked
Sound Level Meter	SLM 59	NL52	721001	05/09/2022
Calibrator	CAL 2	NC74	34973250	18/12/2023

Weather Measurement	Rain Gauge 1
Equipment Notes	

NOISE MONITORING EQUIPMENT SETTINGS





	Frequency Weighting	Index	Interval	Time Weighting	Range (Hz)	Audio Recording
Parameters Recorded	A	Leq. L90. Lmax. L10	10 Mins	Fast	20-110	No

DATA

File Name	Start Time	End Time	Cal. at Start (dB)	Cal. at End (dB)	Drift (dB)	Observations
201	18/01/2024 11:10	30/01/2024 10:00	94.0	93.9	-0.1	M74 motorway noise audible. Birdsong. No wind. 3°C.
202	30/01/2024 10:50	27/02/2024 13:50	94.0	94.1	0.1	M74 motorway audible in distance. Occasional road noise nearby. Birdsong. Wind in foliage.
203	27/02/2024 13:40	26/03/2024 12:50	94.0	94.0	0.0	Watercourse faintly audible. Birdsong. Road noise most prominent.



NML2 PHOTOGRAPHS

North		East	
			
South		West	
			

Field Data Sheet - NML3



Project Title	M74 West Renewable Energy Park	Project Number	15990
Client	M74 West Limited	Surveyor	MT & TS

MONITORING LOCATION

Location Number	NML3
Location Name	NML03 - Netherton Farm
Description	Garden of the main house, on the south east side of the farm. Kit is located on the far side of the house from the majority of the farm buildings. Garden is large and open, with trees around the perimeter, and has line of sight to M74 and wind turbines to the east. River visible to east but not audible. Equipment located >3.5m from nearby facades or reflective surfaces.
Eastings	290936
Northings	625425
Noise sources noted during installation, weekly inspection and removal	Road noise from M74 motorway dominant but quiet. Occasional car noise from minor road to the southwest. Birdsong. No farm noise audible. River to the east not audible. Sunny (Okta 2) 3°c, dry and no wind.

NOISE MONITORING EQUIPMENT DETAILS

	Number	Model	Serial Number	Last Calibrated/ Conformance Checked
Sound Level Meter	SLM 47	NL52	386760	03/01/2024
Calibrator	CAL 2	NC74	34973250	18/12/2023

Weather Measurement	Rain Gauge 64
Equipment Notes	

NOISE MONITORING EQUIPMENT SETTINGS

	Frequency Weighting	Index	Interval	Time Weighting	Range (Hz)	Audio Recording
Parameters Recorded	A	Leq. L90. Lmax. L10	10 Mins	Fast	20-110	No

DATA

File Name	Start Time	End Time	Cal. at Start (dB)	Cal. at End (dB)	Drift (dB)	Observations
301	18/01/2024 12:00	30/01/2024 12:10	94.0	93.9	-0.1	M74 motorway noise audible. Birdsong. No wind, 3°c.
302	30/01/2024 12:30	27/02/2024 12:00	94.0	94.0	0.0	Wind in foliage. Birdsong. B7078 road to the west audible.
303	27/02/2024 12:20	26/03/2024 11:30	94.0	94.0	0.0	M74 motorway noise audible, wind blowing from motorway. Birdsong and faint noise from foliage. Full cloud cover.