

Name of wind farm	Bears Down (Q)				
How many complaints were received about this wind farm?	There were complaints from 4 separate locations. There were numerous separate complaints from these locations. The ones on our system are listed below. I suspect the wind farm operator will have a lot more.				
In what year was each complaint made? (if more than one complaint please list the years)	2001 2002 2003 2004				
Please provide a detailed description of the noise complaint(s): (eg, time of day, wind conditions, description of noise, any other factors that might have contributed to the complaint) THIS INFORMATION IS VERY USEFUL SO PLEASE USE AS MUCH SPACE AS NECESSARY. IF THERE WAS MORE THAN ONE COMPLAINT AND THE COMPLAINTS HAD DIFFERENT CAUSES PLEASE COMPLETE A SEPARATE TABLE FOR THE DIFFERENT TYPES OF COMPLAINT.	Observation	Date	Time	W Speed	W Direction
	Noisy	17/08/01	06.10	5.2	190
	Noisy reg thumping	17/08/01	12.20	6.8	173
	Noisy	17/08/01	14.00	6.1	169
	Noisy	17/08/01	16.20	6.5	148
	Noisy	17/08/01	22.00	7.0	111
	Noisy	18/08/01	05.55	9.0	140
	Noisy	18/08/01	07.00	8.7	126
	Noisy	18/08/01	07.30	9.4	129
	Very Noisy – thumping	18/08/01	11.10	7.1	132
	Noisy	18/08/01	13.10	7.0	171
	On and off thumping	24/08/01	15.10	6.1	179
	Noisy	25/08/01	07.20	5.5	177
	Very noisy – Thumping	26/09/01	01.30	7.0	157
	Very Noisy – Thumping	26/09/01	03.30	5.9	148
	Very Noisy – rhythmic thumping	26/09/01	22.00	5.4	213
	Noisy – Rhythmic Thumping	27/09/01	01.00	6.4	210
	Noisy – Rhythmic thumping	27/09/01	05.40	7.0	205
	Very noisy - like a train	27/09/01	05.50	7.6	200
	Noisy before shutdown – Not loud but discrete thumping	28/09/01	07.50	7.1	149
Noisy	29/09/01	11.30	6.5	209	

Noisy thumping	29/09/01	17.50	6.3	203
Noisy thumping	29/09/01	21.30	7.7	192
Noisy thumping	30/09/01	02.30	9.6	196
Noisy	30/09/01	04.40	9.9	194
Very noisy thumping, deep resonant, sometimes overlapping	30/09/01	09.00	10.8	198
Very noisy thumping, deep resonant, sometimes overlapping	30/09/01	11.30	11.1	199
Very noisy thumping, deep resonant, sometimes overlapping	30/09/01	13.10	11.2	204
Noisy, distinct thump (overlapping)	01/10/01	22.30	8.2	216
Slightly noisier	02/10/01	15.20	9.3	231
Noisier, defined thump	02/10/01	21.10	6.3	223
Fairly noisy thumping	02/10/01	22.00	6.7	223
Very distinct (otherwise quiet) fairly noisy. Discrete thumping	03/10/01	21.20	5.7	219
Overlapping & fading	04/10/01	07.50	6.5	202
	04/10/01	16.50	7.8	198
Noisier thumping overlapping	04/10/01	18.30	8.5	194
Noisy	05/10/01	01.40	9.7	196
Noisy – distinct thumping	05/10/01	07.20	8.8	187
Noisy –	05/10/01	09.00	10.6	176

	distinct thumping				
	Very noisy & very windy	05//10/01	12.50	12.9	178
	Very noisy, wind dropped a bit	05/10/01	19.00	7.9	210
	Noisy	05/10/01	21.20	7.0	216
	Very noisy	06/10/01	00.40	7.5	207
	Very noisy	06/10/01	04.40	8.1	197
	Noisy	06/10/01	07.50	8.4	196
	Very Noisy	06/10/01	21.10	12.2	213
	Very noisy, coming & going	06/10/01	13.40	10.9	211
	Noisy	06/10/01	22.20	7.8	212
	Noisy	07/10/01	02.20	7.2	212
	Noisy	07/10/01	06.20	8.0	193
	Very noisy, 'train above background noise'	07/10/01	10.10	14.5	161
	Very noisy	07/10/01	12.00	12.4	181
	Noisy	07/10/01	17.20	13.3	241
	Noisy	10/10/01	04.20	5.8	203
	Noisy	10/10/01	05.30	5.3	212
	distinct thumping 'end two fast, rest slow'	10/10/01	07.20	5.5	212
	Noisy thumping	18/10/01	03.00	8.6	189
	Very noisy thumping	18/10/01	08.30	6.8	181
	Fairly noisy thumping	19/10/01	10.00	6.8	161
	Noisy thumping - overlapping	23/10/01	03.20	5.7	194
	Noisy	23/10/01	20.50	7.6	199
	Very noisy at times – thumping	25/10/01	08.00	9.6	201
	Noisy	25/10/01	16.20	10.1	211
	Loud thumping	25/10/01	16.40	9.9	211
	Noisy	26/10/01	04.10	5.5	189
	Noisy	26/10/01	05.20	6.0	187
	Very noisy –	26/10/01	08.10	12.5	209

	thumping				
	Noisy	29/10/01	20.00	7.2	171
	Very noisy – overlapping, not individual thumping	29/10/01	22.00	7.7	181
	Noisy	30/10/01	05.50	9.5	193
	Very discrete thumping	30/10/01	17.20	8.7	222
	Very noisy	30/10/01	21.20	9.9	266
	Fairly noisy, little thump	06/11/01	09.20	8.1	284
	Fairly noisy but no thump	06/11/01	21.30	8.6	303
	‘Roaring’ but no thump	07/11/01	10.00	10.6	288
	‘Roaring’ slight thump	07/11/01	19.20	11.8	274
	‘Roaring’ slight thump	07/11/01	22.20	12.2	278
	Fairly noisy whoosh & thump coming & going	21/11/01	09.20	6.2	229
	Fairly noisy whoosh & thump	24/11/01	06.50	4.8	285
	Fairly noisy	25/11/01	00.30	6.5	239
	Noisy	25/11/01	11.30	10.9	240
	Noisy	27/11/01	04.00	5.9	216
	Low freq noise	23/01/02			180 approx
	Chomping sound	16/01/03	1900		180 apprx
	Noisy	28/02/03	0940		
	Noisy	10/03/03	0905		
	Noisy	13/03/03	1100		
	Chomping	14/11/03	1130		
	Noisy	12/12/03	1530		
	Chomping	30/01/04	1530		
	Noisy	10/03/04	night		
	Noisy	15/03/04	day		
	Noisy	18/03/04	am		
Do any of the following terms describe the noise that was complained about at this wind farm site? (Please delete Yes or No as applies)					
Swish	NO	Throbbing	NO	‘train that never gets there’	YES
Swoosh	NO	Thudding	NO		

Ghostly Noises	NO	Thumping	YES	'like motion sickness'	NO
Wooh Wooh	NO	Pulsating	NO	Whistling	NO
Beating	NO	Whooshing	YES	Rhythmical Beat	NO
Lapping	NO	Distant Helicopter	NO	Other (please list):	Yes, washing machine
Grinding	NO	Rumbling	NO		
Did you visit the home of the complainant?			Yes		
Did you visit the wind farm site?			Yes		
Did you hear the noise that was being complained about?			Yes		
Briefly describe the investigation that took place.			Part of ongoing investigation in conjunction with wind farm operator. Noise described as like a washing machine		
Was the wind farm judged to be causing a noise nuisance?			NO		
What action, if any, was taken?			Wind farm operator took on investigation and any remedial works. Complainants were to get back to us if problem not resolved. No complaints since last date.		
This project is about Amplitude Modulation of Aerodynamic Noise (AM) which can be described as 'Wind turbine blade noise which is modulated at blade passage frequency (typically once per second) with a sharper attack and a more clearly defined character than usual blade swoosh. It is sometimes described as being like a distant train or distant piling operations'. Does the noise from this wind farm conform to this description?			Yes		