

**APPENDIX C: ALWF ENVIRONMENTAL NOISE ASSESSMENT**  
**MODIFIED CNR CALCULATION SUMMARY OUTPUT FOR THE GAMESA G87**  
**Date: 09.25.2007**

Identifier	Northing	Easting	WTG	Gamesa G87		INCREMENTAL INCREASE	Initial CNR Ranking	Seasonal / Temporal Correction	Tonal / Character Correction	Subjective Perception of Project	Background Correction	FINAL mCNR RATING
				Critical ws Baseline	6 ms 38.2							
47	225570.57	4774620.28	Linsey, Gordon J	43.9	44.9	6.7	c	0	0	1	0	D
49	226037.57	4774574.53	Raduns, Katherine	42.9	44.2	6.0	c	0	0	0	0	C
53	226441.15	4774489.91	Yousey, Joseph	42.9	44.2	6.0	c	0	0	-1	0	B
54	226540.04	4774480.77	Yousey, Joseph	43.7	44.8	6.6	c	0	0	-1	0	B
57	227336.13	4775002.99	Kropf, Virginia	42.9	44.2	6.0	c	0	0	-1	0	B
59	225256.85	4773864.08	Tambe, Thomas A	43.3	44.5	6.3	c	0	0	0	0	C
73	224414.40	4771479.96	Falker, John	43.1	44.3	6.1	c	0	0	0	0	C
78	224780.03	4771377.53	Thurber, Roger	42.9	44.2	6.0	c	0	0	-1	0	B
80	226182.17	4772477.00	Phelps, Dennis	43.8	44.9	6.7	c	0	0	-1	0	B
82	226229.66	4773193.99	Nanni, Brian A	43.5	44.6	6.4	c	0	0	1	0	D
83	226238.05	4773274.82	Mills, George B Jr	43.5	44.6	6.4	c	0	0	1	0	D
84	226177.44	4773789.03	Branham, Max O	43.7	44.8	6.6	c	0	0	-1	0	B
87	226156.50	4773877.60	Dusky, Geoffrey K	43.6	44.7	6.5	c	0	0	-1	0	B
98	227191.56	4772107.06	Scarborough, Samuel G	44.4	45.3	7.1	c	0	0	-1	0	B
99	226492.33	4771657.05	Phelps, Wayne E	45.7	46.4	8.2	c	0	0	-1	0	B
101	227127.30	4770581.03	Phelps, Dennis F	43.2	44.4	6.2	c	0	0	-1	0	B
102	227107.65	4770495.69	Phelps, Dennis F	43.1	44.3	6.1	c	0	0	-1	0	B
104	228175.44	4770106.22	Diver, Lawrence Jr	43.2	44.4	6.2	c	0	0	0	0	C
105	228267.73	4770470.77	Klotzbach, Wesley	44.6	45.5	7.3	c	0	0	-1	0	B
106	228218.95	4770647.16	Hall, Verna M	45.2	46.0	7.8	c	0	0	-1	0	B
107	228227.57	4771060.13	Frank, Robert W	44.9	45.7	7.5	c	0	0	0	0	C
108	228277.33	4771704.24	Phelps, Myra	43.4	44.5	6.3	c	0	0	-1	0	B
109	228320.53	4771667.98	Scarborough, Ercel P	43.6	44.7	6.5	c	0	0	-1	0	B
110	228076.45	4771699.68	Mercer, James R	43.4	44.5	6.3	c	0	0	0	0	C
111	228115.01	4771764.03	Grainy, John G	43.2	44.4	6.2	c	0	0	-1	0	B
112	228275.22	4772033.92	Phelps, Wayne E	43	44.2	6.0	c	0	0	-1	0	B
113	228361.26	4772312.67	Ruth, William T	43.3	44.5	6.3	c	0	0	-1	0	B
114	228387.61	4772517.99	Ruth, William Thomas	43.7	44.8	6.6	c	0	0	-1	0	B
115	228371.78	4772448.93	Ruth, William Thomas	43.5	44.6	6.4	c	0	0	-1	0	B
116	228407.43	4772731.67	Pangrazio, Terry	44.4	45.3	7.1	c	0	0	0	0	C
117	228334.44	4772928.34	Mangino, Daniel D	43.8	44.9	6.7	c	0	0	1	0	D
118	229064.28	4771096.95	Brunner, Kenneth L	45.4	46.2	8.0	c	0	0	-1	0	B
119	229127.38	4771015.45	Wescott, Timothy G	45	45.8	7.6	c	0	0	0	0	C
120	229085.07	4771013.46	Hall, David L	45.3	46.1	7.9	c	0	0	-1	0	B
121	229333.27	4770988.32	Jewett, Joseph F III	44	45.0	6.8	c	0	0	-1	0	B
122	229477.62	4770961.91	Conrad, Yvonne M	43.9	44.9	6.7	c	0	0	-1	0	B
123	229558.99	4770990.55	Bencic, David M	44.1	45.1	6.9	c	0	0	1	0	D
124	229633.65	4770995.58	Breckenridge, Ruth M	44.3	45.3	7.1	c	0	0	0	0	C
125	229718.03	4770977.49	Ranlett, Timothy A	44.5	45.4	7.2	c	0	0	0	0	C
149	228341.10	4771736.92	Scarborough, Ercel P	43.6	44.7	6.5	c	0	0	-1	0	B
153	226404.92	4771648.35	Phelps, Wayne E	45.8	46.5	8.3	c	0	0	-1	0	B
154	226371.36	4771656.45	Phelps, Wayne E	45.9	46.6	8.4	c	0	0	-1	0	B
156	230037.01	4770369.64	Williams, Mark A	43.8	44.9	6.7	c	0	0	-1	0	B
163	229536.82	4770906.94	Riner, Patricia	44	45.0	6.8	c	0	0	-1	0	B

**APPENDIX C: ALWF ENVIRONMENTAL NOISE ASSESSMENT**  
**MODIFIED CNR CALCULATION SUMMARY OUTPUT FOR THE SUZLON S88**  
**Date: 09.25.2007**

Identifier	Northing	Easting	WTG	Suzlon S88		INCREMENTAL INCREASE	Initial CNR Ranking	Seasonal / Temporal Correction	Tonal / Character Correction	Subjective Perception of Project	Background Correction	FINAL mCNR RATING
				WTG Critical ws Baseline	4ms 35.9							
47	225570.57	4774620.28	Linsey, Gordon J	41.4	42.5	6.6	b	0	0	1	1	D
54	226540.04	4774480.77	Yousey, Joseph	41.2	42.3	6.4	b	0	0	-1	1	B
59	225256.85	4773864.08	Tambe, Thomas A	40.8	42.0	6.1	b	0	0	0	1	C
80	226182.17	4772477.00	Phelps, Dennis	41.2	42.3	6.4	b	0	0	-1	1	B
82	226229.66	4773193.99	Nanni, Brian A	40.9	42.1	6.2	b	0	0	1	1	D
83	226238.05	4773274.82	Mills, George B Jr	41	42.2	6.3	b	0	0	1	1	D
84	226177.44	4773789.03	Branham, Max O	41.1	42.2	6.3	b	0	0	-1	1	B
87	226156.50	4773877.60	Dusky, Geoffrey K	41.1	42.2	6.3	b	0	0	-1	1	B
98	227191.56	4772107.06	Scarborough, Samuel G	41.8	42.8	6.9	c	0	0	-1	1	C
99	226492.33	4771657.05	Phelps, Wayne E	43.2	43.9	8.0	c	0	0	-1	1	C
101	227127.30	4770581.03	Phelps, Dennis F	40.6	41.9	6.0	b	0	0	-1	1	B
102	227107.65	4770495.69	Phelps, Dennis F	40.6	41.9	6.0	b	0	0	-1	1	B
104	228175.44	4770106.22	Diver, Lawrence Jr	40.7	41.9	6.0	b	0	0	0	1	C
105	228267.73	4770470.77	Klotzbach, Wesley	42.1	43.0	7.1	c	0	0	-1	1	C
106	228218.95	4770647.16	Hall, Verna M	42.7	43.5	7.6	c	0	0	-1	1	C
107	228227.57	4771060.13	Frank, Robert W	42.4	43.3	7.4	c	0	0	0	1	D
108	228277.33	4771704.24	Phelps, Myra	40.8	42.0	6.1	b	0	0	-1	1	B
109	228320.53	4771667.98	Scarborough, Ercel P	41	42.2	6.3	b	0	0	-1	1	B
110	228076.45	4771699.68	Mercer, James R	40.8	42.0	6.1	b	0	0	0	1	C
111	228115.01	4771764.03	Grainy, John G	40.6	41.9	6.0	b	0	0	-1	1	B
113	228361.26	4772312.67	Ruth, William T	40.7	41.9	6.0	b	0	0	-1	1	B
114	228387.61	4772517.99	Ruth, William Thomas	41.1	42.2	6.3	b	0	0	-1	1	B
115	228371.78	4772448.93	Ruth, William Thomas	41	42.2	6.3	b	0	0	-1	1	B
116	228407.43	4772731.67	Pangrazio, Terry	41.9	42.9	7.0	c	0	0	0	1	D
117	228334.44	4772928.34	Mangino, Daniel D	41.3	42.4	6.5	b	0	0	1	1	D
118	229064.28	4771096.95	Brunner, Kenneth L	42.9	43.7	7.8	c	0	0	-1	1	C
119	229127.38	4771015.45	Wescott, Timothy G	42.6	43.4	7.5	c	0	0	0	1	D
120	229085.07	4771013.46	Hall, David L	42.9	43.7	7.8	c	0	0	-1	1	C
121	229333.27	4770988.32	Jewett, Joseph F III	41.5	42.6	6.7	c	0	0	-1	1	C
122	229477.62	4770961.91	Conrad, Yvonne M	41.4	42.5	6.6	b	0	0	-1	1	B
123	229558.99	4770990.55	Bencic, David M	41.5	42.6	6.7	c	0	0	1	1	E
124	229633.65	4770995.58	Breckenridge, Ruth M	41.8	42.8	6.9	c	0	0	0	1	D
125	229718.03	4770977.49	Ranlett, Timothy A	42	43.0	7.1	c	0	0	0	1	D
149	228341.10	4771736.92	Scarborough, Ercel P	41	42.2	6.3	b	0	0	-1	1	B
153	226404.92	4771648.35	Phelps, Wayne E	43.3	44.0	8.1	c	0	0	-1	1	C
154	226371.36	4771656.45	Phelps, Wayne E	43.4	44.1	8.2	c	0	0	-1	1	C
156	230037.01	4770369.64	Williams, Mark A	41.3	42.4	6.5	b	0	0	-1	1	B
163	229536.82	4770906.94	Riner, Patricia	41.5	42.6	6.7	c	0	0	-1	1	C

**APPENDIX C: ALWF ENVIRONMENTAL NOISE ASSESSMENT**  
**MODIFIED CNR CALCULATION SUMMARY OUTPUT FOR THE VESTAS V82**  
**Date: 09.25.2007**

Identifier	Northing	Easting	WTG	Vestas V82		INCREMENTAL INCREASE	Initial CNR Ranking	Seasonal / Temporal Correction	Tonal / Character Correction	Subjective Perception of Project	Background Correction	FINAL mCNR RATING
			Critical ws Baseline	3ms	34.8							
			WTG	WTG + BASELINE								
99	226492.33	4771657.05 Phelps, Wayne E	40.4	41.5	6.7	b	0	0	-1	1	B	
106	228218.95	4770647.16 Hall, Verna M	39.9	41.1	6.3	b	0	0	-1	1	B	
107	228227.57	4771060.13 Frank, Robert W	39.5	40.8	6.0	b	0	0	0	1	C	
118	229064.28	4771096.95 Brunner, Kenneth L	40	41.1	6.3	b	0	0	-1	1	B	
119	229127.38	4771015.45 Wescott, Timothy G	39.7	40.9	6.1	b	0	0	0	1	C	
120	229085.07	4771013.46 Hall, David L	40	41.1	6.3	b	0	0	-1	1	B	
153	226404.92	4771648.35 Phelps, Wayne E	40.4	41.5	6.7	b	0	0	-1	1	B	
154	226371.36	4771656.45 Phelps, Wayne E	40.5	41.5	6.7	b	0	0	-1	1	B	

**APPENDIX C: ALWF ENVIRONMENTAL NOISE ASSESSMENT**  
**MODIFIED CNR CALCULATION SUMMARY OUTPUT FOR THE VESTAS V90**  
**Date: 09.25.2007**

Identifier	Northing	Easting	WTG	Vestas V90		INCREMENTAL INCREASE	Initial CNR Ranking	Seasonal / Temporal Correction	Tonal / Character Correction	Subjective Perception of Project	Background Correction	FINAL mCNR RATING
			Critical ws Baseline	6 ms	38.2							
47	225570.57	4774620.28	Linsey, Gordon J	43.1	44.3	6.1	c	0	0	1	0	D
98	227191.56	4772107.06	Scarborough, Samuel G	43.4	44.5	6.3	c	0	0	-1	0	B
99	226492.33	4771657.05	Phelps, Wayne E	44.8	45.7	7.5	c	0	0	-1	0	B
105	228267.73	4770470.77	Klotzbach, Wesley	43.7	44.8	6.6	c	0	0	-1	0	B
106	228218.95	4770647.16	Hall, Verna M	44.3	45.3	7.1	c	0	0	-1	0	B
107	228227.57	4771060.13	Frank, Robert W	44	45.0	6.8	c	0	0	0	0	C
116	228407.43	4772731.67	Pangrazio, Terry	43.5	44.6	6.4	c	0	0	0	0	C
117	228334.44	4772928.34	Mangino, Daniel D	42.9	44.2	6.0	c	0	0	1	0	D
118	229064.28	4771096.95	Brunner, Kenneth L	44.5	45.4	7.2	c	0	0	-1	0	B
119	229127.38	4771015.45	Wescott, Timothy G	44.1	45.1	6.9	c	0	0	0	0	C
120	229085.07	4771013.46	Hall, David L	44.4	45.3	7.1	c	0	0	-1	0	B
121	229333.27	4770988.32	Jewett, Joseph F III	43	44.2	6.0	c	0	0	-1	0	B
122	229477.62	4770961.91	Conrad, Yvonne M	42.9	44.2	6.0	c	0	0	-1	0	B
123	229558.99	4770990.55	Bencic, David M	43.1	44.3	6.1	c	0	0	1	0	D
124	229633.65	4770995.58	Breckenridge, Ruth M	43.3	44.5	6.3	c	0	0	0	0	C
125	229718.03	4770977.49	Ranlett, Timothy A	43.6	44.7	6.5	c	0	0	0	0	C
153	226404.92	4771648.35	Phelps, Wayne E	44.9	45.7	7.5	c	0	0	-1	0	B
154	226371.36	4771656.45	Phelps, Wayne E	45	45.8	7.6	c	0	0	-1	0	B
156	230037.01	4770369.64	Williams, Mark A	43	44.2	6.0	c	0	0	-1	0	B
163	229536.82	4770906.94	Riner, Patricia	43.1	44.3	6.1	c	0	0	-1	0	B