

EXHIBIT C

4910 - Dakota Range Wind - Codington & Grant Counties, SD
Sound Level Analysis - Proposed Layout (180806) + Substation
Sound Level Modeling Results Summary - Sorted by Sound Level

Summary

Description	Maximum Modeled Leq Sound Level (dBA)	Number of Residences Out of Compliance
Results	45	0

Details by Sound Level

Receptor ID	Coordinates UTM NAD83 Zone 14N		Participation Status	County	Receptor Type	Source Only Leq Broadband Sound Level (dBA)
	X (m)	Y (m)				
606	650626.79	5005202.02	Participating	Grant	House	45
859	655074.36	5009886.86	Participating	Grant	House	45
516	653456.51	5004343.87	Participating	Grant	House	45
687	653612.64	5006755.67	Participating	Grant	House	45
754	657618.71	5009594.79	Participating	Grant	House	44
814	650493.66	5008776.86	Non-Participating	Grant	House	44
515	653600.45	5003245.37	Participating	Grant	House	43
759	655865.10	5008248.23	Participating	Grant	House	43
750	657734.58	5008810.13	Participating	Grant	House	43
1083	653647.87	5003180.53	Participating	Grant	House	43
642	653593.66	5006201.50	Non-Participating	Grant	House	43
392	654852.45	5000075.99	Participating	Codington	House	43
388	655103.41	5000902.29	Participating	Codington	House	42
520	651979.07	5003440.36	Participating	Grant	House	42
298	655253.74	4997956.71	Participating	Codington	House	42
1058	650900.06	5006334.22	Non-Participating	Grant	House	42
395	653692.68	5000273.03	Participating	Codington	House	42
299	655368.87	4998297.41	Non-Participating	Codington	House	42
385	655170.00	5001262.14	Non-Participating	Codington	House	41
556	648976.90	5004831.73	Non-Participating	Grant	House	41
554	648855.29	5004824.59	Non-Participating	Grant	House	41
595	650684.64	5006150.39	Non-Participating	Grant	House	41
558	649090.23	5004809.12	Non-Participating	Grant	Business	41
596	650837.63	5006168.70	Non-Participating	Grant	House	41
807	650503.26	5009033.74	Non-Participating	Grant	House	41
450	653530.94	5002924.70	Non-Participating	Grant	House	41
451	653518.23	5002856.66	Non-Participating	Grant	House	41
326	656815.87	4999863.27	Non-Participating	Codington	House	41
448	652660.85	5002765.85	Participating	Grant	House	41
1064	651981.94	5003185.29	Non-Participating	Grant	Church	40
769	653411.62	5009060.41	Participating	Grant	House	40
306	656685.45	4997836.26	Non-Participating	Codington	House	40
686	655202.17	5004865.99	Non-Participating	Grant	House	39
795	652045.23	5009239.11	Non-Participating	Grant	House	39
438	651909.87	5003057.90	Non-Participating	Grant	House	39
797	650621.29	5009376.36	Non-Participating	Grant	House	39
862	658287.22	5009765.21	Participating	Grant	House	39
563	649045.78	5006117.82	Participating	Grant	House	39
681	657770.35	5004970.01	Non-Participating	Grant	House	39
509	655165.86	5002087.27	Non-Participating	Grant	House	39
383	658372.24	5001257.48	Non-Participating	Codington	House	38
569	648969.51	5006429.63	Non-Participating	Grant	House	38
784	652821.24	5009387.00	Non-Participating	Grant	House	38
318	656867.97	4998569.91	Non-Participating	Codington	House	38
296	654384.51	4996687.82	Non-Participating	Codington	House	38
586	648480.56	5007489.68	Participating	Grant	House	38
176	655954.93	4995240.17	Non-Participating	Codington	House	37
311	656976.54	4997093.04	Non-Participating	Codington	House	37
845	650458.09	5010135.55	Participating	Grant	House	36
965	651937.86	5001067.18	Participating	Codington	House	36

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	X (m)	Y (m)				
165	656621.54	4995250.50	Non-Participating	Codington	House	36
816	645840.98	5008574.90	Participating	Grant	House	36
853	653709.32	5011041.66	Participating	Grant	House	36
185	654917.16	4995237.31	Non-Participating	Codington	House	36
433	651107.55	5003102.46	Participating	Grant	House	36
838	646374.72	5009624.58	Participating	Grant	House	36
577	647303.97	5007251.04	Participating	Grant	House	36
496	657975.48	5004220.64	Non-Participating	Grant	House	36
538	648977.78	5004008.60	Non-Participating	Grant	House	35
621	658319.47	5004153.08	Non-Participating	Grant	House	35
881	653707.33	5011412.61	Participating	Grant	House	35
882	653706.52	5011445.93	Participating	Grant	House	35
285	653787.02	4998022.59	Non-Participating	Codington	House	35
883	653705.48	5011488.76	Participating	Grant	House	35
429	650524.49	5003103.91	Participating	Grant	House	34
820	645720.53	5008021.46	Participating	Grant	House	34
844	648974.09	5010822.91	Non-Participating	Grant	House	34
846	651399.84	5010537.19	Participating	Grant	House	34
819	645708.61	5008004.25	Participating	Grant	House	34
289	653778.28	4996825.57	Non-Participating	Codington	House	34
276	651994.47	4999721.14	Non-Participating	Codington	House	34
505	658164.88	5003370.45	Non-Participating	Grant	House	34
842	648982.24	5010914.63	Non-Participating	Grant	House	34
821	645631.03	5008056.63	Participating	Grant	House	34
548	647511.12	5006001.75	Non-Participating	Grant	House	34
822	645560.46	5008023.00	Participating	Grant	House	34
322	657770.19	4996904.04	Non-Participating	Codington	House	33
323	657792.58	4996940.40	Non-Participating	Codington	House	33
571	646968.92	5006520.98	Non-Participating	Grant	House	33
441	650832.97	5001658.43	Non-Participating	Grant	House	33
422	649665.32	5003050.76	Non-Participating	Grant	House	33
529	649363.69	5003248.44	Participating	Grant	House	33
189	653838.26	4995578.48	Non-Participating	Codington	House	33
841	647229.03	5010859.63	Participating	Grant	House	33
430	650075.00	5002248.60	Non-Participating	Grant	House	32
147	657464.70	4995163.56	Non-Participating	Codington	House	32
539	647494.42	5004033.38	Non-Participating	Grant	House	32
619	659717.08	5002264.17	Non-Participating	Grant	House	32
416	648970.50	5002809.01	Participating	Grant	House	31
141	656798.10	4994383.05	Non-Participating	Codington	House	31
609	661242.84	5005002.70	Non-Participating	Grant	House	31
191	652995.68	4995885.56	Non-Participating	Codington	House	31
832	644920.93	5009426.30	Participating	Grant	House	30
608	661518.31	5004784.40	Participating	Grant	House	30
1028	644853.33	5009638.98	Non-Participating	Grant	House	30
1029	644862.14	5009641.30	Non-Participating	Grant	House	30
363	649063.96	5001386.23	Non-Participating	Codington	House	30
192	652436.54	4996047.89	Participating	Codington	House	29
155	658362.21	4995127.56	Non-Participating	Codington	House	29
613	661599.97	5003749.29	Participating	Grant	House	29
156	658578.51	4995244.25	Non-Participating	Codington	House	29
260	650595.55	4997697.39	Non-Participating	Codington	House	28
138	655804.37	4993535.65	Non-Participating	Codington	House	28
360	648809.41	4999992.49	Non-Participating	Codington	House	28
270	649340.75	4999049.86	Participating	Codington	House	28
410	647235.37	5001567.12	Participating	Grant	House	28
350	648159.89	5000058.41	Participating	Codington	House	28
254	650473.00	4996848.32	Participating	Codington	House	27
471	661126.69	5001722.46	Participating	Grant	House	27
346	647461.13	5000525.45	Non-Participating	Codington	House	27
1025	643933.96	5009635.42	Non-Participating	Grant	House	27
347	647456.46	5000456.03	Non-Participating	Codington	House	27

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	X (m)	Y (m)				
1026	643946.39	5009641.33	Non-Participating	Grant	House	27
468	661784.38	5001742.15	Participating	Grant	House	27
196	650593.29	4996054.48	Non-Participating	Codington	House	27
248	649154.79	4997753.24	Non-Participating	Codington	House	27
129	653394.86	4993505.03	Participating	Codington	House	27
489	663576.49	5004901.72	Non-Participating	Grant	House	27
1018	643160.20	5007930.05	Participating	Grant	House	26
197	650496.01	4995587.28	Non-Participating	Codington	House	26
200	650636.90	4995303.04	Non-Participating	Codington	House	26
675	663797.17	5005085.81	Non-Participating	Grant	House	26
401	646345.40	4999959.62	Non-Participating	Codington	House	26
267	647488.92	4998352.98	Non-Participating	Codington	House	26
215	650501.55	4994753.62	Non-Participating	Codington	House	25
406	644356.98	5002651.43	Participating	Grant	House	25
240	647523.41	4997799.99	Non-Participating	Codington	House	25
966	651457.46	4993586.61	Non-Participating	Codington	House	25
225	648375.40	4996645.46	Participating	Codington	House	25
236	647647.95	4997080.29	Non-Participating	Codington	House	25
486	664644.10	5004250.93	Non-Participating	Grant	House	25
400	645387.42	4999931.96	Non-Participating	Codington	House	25
77	653587.51	4991975.31	Participating	Codington	House	25
121	652311.29	4992164.18	Non-Participating	Codington	House	24
73	653950.59	4991543.64	Participating	Codington	House	24
970	651076.00	4993539.97	Non-Participating	Codington	House	24
949	649279.70	4993533.72	Non-Participating	Codington	House	23
950	649271.45	4993557.43	Non-Participating	Codington	House	23
112	650706.98	4992320.66	Participating	Codington	House	23
111	650692.61	4992057.70	Non-Participating	Codington	House	23
71	653857.99	4990720.09	Participating	Codington	House	23
623	650528.30	4993061.83	Non-Participating	Codington	House	23
941	649064.44	4992930.45	Non-Participating	Codington	House	23
958	647698.06	4993969.91	Non-Participating	Codington	House	23
625	649871.67	4991903.75	Participating	Codington	House	22
626	649921.89	4991917.62	Participating	Codington	House	22
955	647627.18	4993444.66	Non-Participating	Codington	House	22
104	650657.74	4990852.72	Non-Participating	Codington	House	22
90	651609.43	4990364.76	Non-Participating	Codington	House	22
920	648352.31	4991902.58	Participating	Codington	House	21
917	649018.76	4991138.66	Non-Participating	Codington	House	21
99	650856.93	4990053.74	Non-Participating	Codington	House	21
98	650662.06	4989915.49	Non-Participating	Codington	House	21
974	658654.33	4990392.79	Non-Participating	Codington	House	21
83	652413.64	4990050.68	Participating	Codington	House	20
26	656834.67	4990400.04	Participating	Codington	House	20
7	652415.58	4988918.69	Non-Participating	Codington	House	19
21	655846.86	4989588.29	Participating	Codington	House	19
13	654015.11	4988590.25	Non-Participating	Codington	House	19
35	657862.31	4991817.05	Non-Participating	Codington	House	18
82	652432.12	4989894.34	Non-Participating	Codington	House	17
20	654681.58	4990406.38	Participating	Codington	House	16