

**Exhibit C: Table C-1: Crowned Ridge Sound Level Tabular Results Sorted by Receptor ID**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Codington County**

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C1-NP	Non-P	Boundary	657,226	4,983,920	590.3	36.3	4,232
CR1-C2-NP	Non-P	Boundary	658,435	4,984,609	601.8	37.4	5,036
CR1-C3-NP	Non-P	Boundary	657,812	4,984,785	603.4	39.3	2,936
CR1-C4-NP	Non-P	Boundary	659,890	4,985,620	605.2	40.2	3,914
CR1-C6-P	Participant	Boundary	663,383	4,994,502	591.0	38.3	3,878
CR1-C7-NP	Non-P	Boundary	661,266	4,985,387	591.0	45.1	1,253
CR1-C8-P	Participant	Boundary	661,277	4,984,852	597.0	41.7	2,139
CR1-C9-NP	Non-P	Boundary	665,264	4,985,116	609.0	44.7	1,814
CR1-C10-P	Participant	Boundary	662,871	4,985,402	601.7	50.6	614
CR1-C11-P	Participant	Boundary	664,225	4,984,910	608.8	50.9	699
CR1-C12-NP	Non-P	Boundary	662,246	4,986,500	605.1	44.5	1,532
CR1-C13-NP	Non-P	Boundary	664,429	4,986,245	615.0	49.7	728
CR1-C14-NP	Non-P	Boundary	657,803	4,986,003	609.0	46.1	1,191
CR1-C15-NP	Non-P	Boundary	663,047	4,985,700	612.9	47.4	968
CR1-C16-NP	Non-P	Boundary	661,642	4,985,677	597.0	47.3	948
CR1-C17-P	Participant	Boundary	658,819	4,986,842	611.4	49.7	909
CR1-C18-P	Participant	Boundary	664,396	4,987,007	609.4	47.7	948
CR1-C19-P	Participant	Boundary	660,393	4,987,529	608.4	50.1	784
CR1-C20-P	Participant	Boundary	662,024	4,987,612	604.2	51.0	640
CR1-C26-P	Participant	Boundary	658,015	4,987,993	606.7	43.4	1,867
CR1-C27-NP	Non-P	Boundary	657,234	4,988,151	587.2	39.5	4,265
CR1-C28-NP	Non-P	Boundary	665,432	4,989,009	583.9	44.7	1,483
CR1-C29-NP	Non-P	Boundary	666,496	4,989,001	574.3	42.4	1,952
CR1-C30-P	Participant	Boundary	661,978	4,989,318	612.8	51.3	633
CR1-C31-NP	Non-P	Boundary	665,639	4,989,013	584.7	44.3	1,637
CR1-C32-NP	Non-P	Boundary	657,160	4,990,373	573.2	37.5	6,421
CR1-C33-NP	Non-P	Boundary	657,126	4,990,843	567.0	37.8	5,856
CR1-C34-NP	Non-P	Boundary	658,763	4,990,247	589.4	45.8	1,293
CR1-C35-P	Participant	Boundary	661,955	4,990,153	606.1	47.1	1,112
CR1-C36-P	Participant	Boundary	663,116	4,990,548	610.7	46.1	1,293
CR1-C37-NP	Non-P	Boundary	663,829	4,990,572	594.0	46.1	1,263
CR1-C38-NP	Non-P	Boundary	660,955	4,990,468	591.2	47.6	978
CR1-C39-NP	Non-P	Boundary	659,741	4,991,242	583.3	48.5	856
CR1-C40-NP	Non-P	Boundary	658,706	4,991,231	579.8	44.8	1,555
CR1-C41-NP	Non-P	Boundary	664,797	4,992,137	578.8	44.5	1,808
CR1-C42-P	Participant	Boundary	659,828	4,992,807	580.1	51.1	604
CR1-C44-NP	Non-P	Boundary	665,447	4,992,972	578.1	44.3	1,824
CR1-C45-NP	Non-P	Boundary	653,821	4,993,552	573.0	36.6	4,291
CR1-C46-NP	Non-P	Boundary	655,903	4,993,577	609.0	45.1	1,621

**Exhibit C: Table C-1: Crowned Ridge Sound Level Tabular Results Sorted by Receptor ID**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Codington County**  
*continued*

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C47-P	Participant	Boundary	663,454	4,992,888	612.0	46.7	1,076
CR1-C48-P	Participant	Boundary	664,262	4,992,514	586.6	53.5	413
CR1-C49-P	Participant	Boundary	662,224	4,993,664	609.0	38.3	5,105
CR1-C50-P	Participant	Boundary	656,239	4,994,042	618.0	49.6	984
CR1-C51-P	Participant	Boundary	657,753	4,994,889	620.0	51.5	564
CR1-C52-NP	Non-P	Boundary	654,986	4,995,398	603.0	45.8	1,335
CR1-C53-NP	Non-P	Boundary	664,171	4,995,340	580.5	37.2	4,009
CR1-C54-NP	Non-P	Boundary	663,495	4,995,329	582.9	36.5	5,075
CR1-C55-NP	Non-P	Boundary	660,139	4,994,937	607.0	49.4	722
CR1-C56-P	Participant	Boundary	655,385	4,995,606	603.0	45.6	1,555
CR1-C57-P	Participant	Boundary	656,526	4,995,198	616.1	45.8	1,319
CR1-C58-NP	Non-P	Boundary	657,839	4,997,040	615.0	45.4	1,293
CR1-C59-P	Participant	Boundary	661,380	5,000,092	591.5	50.2	623
CR1-C60-NP	Non-P	Boundary	656,539	4,998,453	609.3	42.6	2,162
CR1-C61-NP	Non-P	Boundary	656,926	4,997,851	612.0	47.8	909
CR1-C62-NP	Non-P	Boundary	658,155	4,994,994	614.5	48.7	820
CR1-C63-NP	Non-P	Boundary	658,543	4,995,211	606.8	42.4	2,277
CR1-C64-P	Participant	Boundary	659,129	4,991,995	576.6	49.9	679
CR1-C65-NP	Non-P	Boundary	665,516	4,995,045	578.0	39.1	2,825
CR1-C70-NP	Non-P	Boundary	664,950	4,988,325	596.1	41.7	2,940
CR1-C71-NP	Non-P	Boundary	664,414	4,988,688	600.0	47.8	909
CR1-C105-NP	Non-P	Boundary	658,351	5,000,265	609.0	49.8	604
CR1-C107-NP	Non-P	Boundary	655,923	4,998,435	595.6	48.5	673
CR1-C109-NP	Non-P	Boundary	654,533	4,997,357	592.6	40.9	1,909
CR1-C110-NP	Non-P	Boundary	654,553	4,996,633	588.7	41.3	2,365
CR1-C111-NP	Non-P	Boundary	654,576	4,995,809	599.1	45.5	1,240
CR1-C112-NP	Non-P	Boundary	660,152	4,984,994	604.0	38.7	5,075
CR2-C150-P	Participant	Boundary	657,308	4,986,173	600.0	51.3	591
CR1-C1-NP	Non-P	Structure	656,743	4,983,525	596.0	34.8	5,541
CR1-C2-NP	Non-P	Structure	658,791	4,984,483	602.0	37.0	6,273
CR1-C3-NP	Non-P	Structure	657,888	4,984,697	604.2	38.7	3,294
CR1-C4-NP	Non-P	Structure	659,744	4,984,749	606.0	37.9	5,981
CR1-C5-NP	Non-P	Structure	659,958	4,984,794	604.8	38.2	5,659
CR1-C6-P	Participant	Structure	662,989	4,995,228	599.8	36.3	6,102
CR1-C7-NP	Non-P	Structure	660,893	4,984,861	593.2	40.1	3,022
CR1-C8-P	Participant	Structure	660,532	4,984,445	599.4	39.0	3,740
CR1-C9-NP	Non-P	Structure	665,352	4,985,004	609.0	43.9	2,280
CR1-C10-P	Participant	Structure	663,510	4,985,195	609.0	45.3	1,634

**Exhibit C: Table C-1: Crowned Ridge Sound Level Tabular Results Sorted by Receptor ID**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Codington County**  
**continued**

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C11-P	Participant	Structure	664,111	4,985,679	609.0	44.8	1,860
CR1-C12-NP	Non-P	Structure	662,222	4,985,736	603.0	42.8	2,201
CR1-C12-1-NP	Non-P	Structure	662,199	4,986,047	606.0	42.4	2,818
CR1-C13-NP	Non-P	Structure	663,792	4,985,785	612.0	43.5	2,589
CR1-C14-NP	Non-P	Structure	657,982	4,985,894	609.0	43.4	1,880
CR1-C15-NP	Non-P	Structure	663,291	4,986,026	615.0	42.9	2,175
CR1-C16-NP	Non-P	Structure	661,960	4,986,288	606.0	42.5	2,648
CR1-C17-P	Participant	Structure	658,031	4,986,373	609.1	45.1	1,886
CR1-C18-P	Participant	Structure	663,651	4,987,157	610.4	42.2	3,409
CR1-C19-P	Participant	Structure	659,243	4,987,276	611.6	46.3	1,722
CR1-C20-P	Participant	Structure	663,054	4,987,455	606.0	43.8	2,336
CR1-C21-P	Participant	Structure	660,756	4,984,086	594.0	40.6	2,388
CR1-C22-P	Participant	Structure	660,755	4,984,082	594.0	40.6	2,375
CR1-C23-P	Participant	Structure	660,619	4,984,078	595.8	40.2	2,523
CR1-C26-P	Participant	Structure	657,767	4,988,493	597.0	40.3	3,484
CR1-C27-NP	Non-P	Structure	656,876	4,988,683	583.0	37.5	5,974
CR1-C28-NP	Non-P	Structure	665,429	4,988,598	590.9	41.5	2,831
CR1-C29-NP	Non-P	Structure	666,572	4,988,867	575.9	41.1	2,457
CR1-C30-P	Participant	Structure	661,699	4,988,957	615.0	47.8	1,614
CR1-C31-NP	Non-P	Structure	665,939	4,988,950	585.4	43.1	2,126
CR1-C32-NP	Non-P	Structure	655,843	4,989,581	568.8	35.2	9,708
CR1-C33-NP	Non-P	Structure	656,839	4,990,404	569.8	36.9	7,418
CR1-C34-NP	Non-P	Structure	658,661	4,990,389	588.2	44.5	1,726
CR1-C35-P	Participant	Structure	662,025	4,990,475	609.0	43.7	2,123
CR1-C36-P	Participant	Structure	663,181	4,990,600	615.0	45.3	1,532
CR1-C37-NP	Non-P	Structure	663,563	4,991,342	605.1	44.8	1,631
CR1-C38-NP	Non-P	Structure	660,639	4,991,557	597.0	40.9	3,474
CR1-C39-NP	Non-P	Structure	660,144	4,991,670	588.0	42.2	2,605
CR1-C40-NP	Non-P	Structure	657,865	4,991,818	583.7	41.4	2,690
CR1-C41-NP	Non-P	Structure	665,053	4,992,084	576.1	44.1	2,356
CR1-C42-P	Participant	Structure	659,458	4,992,229	580.0	44.6	1,801
CR1-C44-NP	Non-P	Structure	665,076	4,993,095	578.2	43.8	2,155
CR1-C45-NP	Non-P	Structure	653,390	4,993,503	573.2	35.0	5,673
CR1-C46-NP	Non-P	Structure	655,802	4,993,540	609.1	44.4	1,795
CR1-C47-P	Participant	Structure	662,825	4,993,508	613.9	39.2	3,750
CR1-C48-P	Participant	Structure	664,247	4,993,646	588.0	44.6	1,847
CR1-C49-P	Participant	Structure	662,250	4,993,731	609.0	38.2	5,148
CR1-C50-P	Participant	Structure	656,806	4,994,388	621.0	46.8	1,591



**Exhibit C: Table C-1: Crowned Ridge Sound Level Tabular Results Sorted by Receptor ID**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Grant County**  
**continued**

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-G12-NP	Non-P	Structure	668,229	4,989,039	575.0	37.7	4,623
CR1-G13-NP	Non-P	Structure	672,216	4,989,142	558.0	37.2	3,576
CR1-G14-NP	Non-P	Structure	668,156	4,989,332	574.1	38.5	3,940
CR1-G15-P	Participant	Structure	668,396	4,989,607	576.0	39.9	2,746
CR1-G16-NP	Non-P	Structure	668,419	4,989,861	576.0	41.7	2,070
CR1-G18-P	Participant	Structure	668,678	4,990,722	585.0	45.1	1,585
CR1-G19-P	Participant	Structure	671,018	4,990,744	570.0	43.4	2,077
CR1-G21-P	Participant	Structure	666,766	4,991,807	577.1	44.8	1,555
CR1-G22-NP	Non-P	Structure	674,670	4,991,955	527.6	34.8	5,781
CR1-G23-NP	Non-P	Structure	670,471	4,992,104	560.0	42.5	2,185
CR1-G24-P	Participant	Structure	673,058	4,992,440	539.4	35.0	2,231
CR1-G25-P	Participant	Structure	671,391	4,992,858	549.0	43.8	1,804
CR1-G26-P	Participant	Structure	672,589	4,993,869	531.0	39.9	3,140
CR1-G27-NP	Non-P	Structure	676,630	4,994,642	480.8	34.0	4,944
CR1-G28-P	Participant	Structure	673,113	4,994,772	513.9	43.2	1,614
CR1-G32-P	Participant	Structure	669,477	4,995,401	546.0	45.1	1,545
CR1-G33-P	Participant	Structure	668,911	4,995,550	548.7	39.9	2,779
CR1-G34-NP	Non-P	Structure	671,320	4,995,798	531.0	40.8	2,238
CR1-G36-NP	Non-P	Structure	673,559	4,996,344	498.0	35.4	6,211
CR1-G37-NP	Non-P	Structure	668,998	4,996,452	549.0	36.6	5,246
CR1-G38-P	Participant	Structure	673,972	4,996,493	494.5	35.0	5,646
CR1-G41-P	Participant	Structure	671,563	4,997,050	497.6	37.9	3,983
CR1-G42-NP	Non-P	Structure	670,566	4,997,097	518.9	38.0	3,819
CR1-G43-NP	Non-P	Structure	661,141	5,001,721	583.6	42.9	1,909
CR1-G44-NP	Non-P	Structure	661,781	5,001,732	583.7	39.2	3,123
CR1-G59-P	Participant	Structure	675,755	4,994,888	487.7	39.6	2,605
CR1-G60-P	Participant	Structure	675,830	4,995,687	477.0	36.4	3,343
CR1-G65-P	Participant	Structure	671,496	4,994,973	537.0	45.3	1,539
CR1-G66-P	Participant	Structure	670,802	4,994,681	539.7	44.0	1,801
CR1-G67-P	Participant	Structure	669,597	4,993,440	556.1	43.2	2,106
CR1-G68-NP	Non-P	Structure	669,159	4,993,632	565.6	43.0	2,113
CR1-G70-NP	Non-P	Structure	677,465	4,991,043	492.0	29.4	12,651
CR1-G77-NP	Non-P	Structure	676,031	4,992,629	502.7	33.2	5,728
CR1-G81-P	Participant	Structure	671,478	4,997,523	508.8	40.7	2,421
CR1-G105-NP	Non-P	Structure	668,696	4,998,325	549.0	35.2	6,345
CR1-G108-P	Participant	Structure	669,516	5,001,186	522.2	39.7	3,586
CR1-G109-NP	Non-P	Structure	667,064	5,000,425	566.2	40.1	2,152
CR1-G110-NP	Non-P	Structure	671,218	5,005,064	456.2	34.8	5,889



**Exhibit C: Table C-2: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**

Realistic case sound results at land parcel boundaries and occupied structures

Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's

UTM NAD83 Zone 14

Codington County

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C105-NP	Non-P	Boundary	658,351	5,000,265	609.0	49.8	604
CR1-C13-NP	Non-P	Boundary	664,429	4,986,245	615.0	49.7	728
CR1-C55-NP	Non-P	Boundary	660,139	4,994,937	607.0	49.4	722
CR1-C62-NP	Non-P	Boundary	658,155	4,994,994	614.5	48.7	820
CR1-C39-NP	Non-P	Boundary	659,741	4,991,242	583.3	48.5	856
CR1-C107-NP	Non-P	Boundary	655,923	4,998,435	595.6	48.5	673
CR1-C61-NP	Non-P	Boundary	656,926	4,997,851	612.0	47.8	909
CR1-C71-NP	Non-P	Boundary	664,414	4,988,688	600.0	47.8	909
CR1-C38-NP	Non-P	Boundary	660,955	4,990,468	591.2	47.6	978
CR1-C15-NP	Non-P	Boundary	663,047	4,985,700	612.9	47.4	968
CR1-C16-NP	Non-P	Boundary	661,642	4,985,677	597.0	47.3	948
CR1-C14-NP	Non-P	Boundary	657,803	4,986,003	609.0	46.1	1,191
CR1-C37-NP	Non-P	Boundary	663,829	4,990,572	594.0	46.1	1,263
CR1-C34-NP	Non-P	Boundary	658,763	4,990,247	589.4	45.8	1,293
CR1-C52-NP	Non-P	Boundary	654,986	4,995,398	603.0	45.8	1,335
CR1-C111-NP	Non-P	Boundary	654,576	4,995,809	599.1	45.5	1,240
CR1-C58-NP	Non-P	Boundary	657,839	4,997,040	615.0	45.4	1,293
CR1-C46-NP	Non-P	Boundary	655,903	4,993,577	609.0	45.1	1,621
CR1-C7-NP	Non-P	Boundary	661,266	4,985,387	591.0	45.1	1,253
CR1-C40-NP	Non-P	Boundary	658,706	4,991,231	579.8	44.8	1,555
CR1-C28-NP	Non-P	Boundary	665,432	4,989,009	583.9	44.7	1,483
CR1-C9-NP	Non-P	Boundary	665,264	4,985,116	609.0	44.7	1,814
CR1-C12-NP	Non-P	Boundary	662,246	4,986,500	605.1	44.5	1,532
CR1-C41-NP	Non-P	Boundary	664,797	4,992,137	578.8	44.5	1,808
CR1-C31-NP	Non-P	Boundary	665,639	4,989,013	584.7	44.3	1,637
CR1-C44-NP	Non-P	Boundary	665,447	4,992,972	578.1	44.3	1,824
CR1-C60-NP	Non-P	Boundary	656,539	4,998,453	609.3	42.6	2,162
CR1-C29-NP	Non-P	Boundary	666,496	4,989,001	574.3	42.4	1,952
CR1-C63-NP	Non-P	Boundary	658,543	4,995,211	606.8	42.4	2,277
CR1-C70-NP	Non-P	Boundary	664,950	4,988,325	596.1	41.7	2,940
CR1-C110-NP	Non-P	Boundary	654,553	4,996,633	588.7	41.3	2,365
CR1-C109-NP	Non-P	Boundary	654,533	4,997,357	592.6	40.9	1,909
CR1-C4-NP	Non-P	Boundary	659,890	4,985,620	605.2	40.2	3,914
CR1-C27-NP	Non-P	Boundary	657,234	4,988,151	587.2	39.5	4,265
CR1-C3-NP	Non-P	Boundary	657,812	4,984,785	603.4	39.3	2,936
CR1-C65-NP	Non-P	Boundary	665,516	4,995,045	578.0	39.1	2,825
CR1-C112-NP	Non-P	Boundary	660,152	4,984,994	604.0	38.7	5,075
CR1-C33-NP	Non-P	Boundary	657,126	4,990,843	567.0	37.8	5,856
CR1-C32-NP	Non-P	Boundary	657,160	4,990,373	573.2	37.5	6,421

**Exhibit C: Table C-2: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Codrington County**  
*continued*

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C2-NP	Non-P	Boundary	658,435	4,984,609	601.8	37.4	5,036
CR1-C53-NP	Non-P	Boundary	664,171	4,995,340	580.5	37.2	4,009
CR1-C45-NP	Non-P	Boundary	653,821	4,993,552	573.0	36.6	4,291
CR1-C54-NP	Non-P	Boundary	663,495	4,995,329	582.9	36.5	5,075
CR1-C1-NP	Non-P	Boundary	657,226	4,983,920	590.3	36.3	4,232
CR1-C48-P	Participant	Boundary	664,262	4,992,514	586.6	53.5	413
CR1-C51-P	Participant	Boundary	657,753	4,994,889	620.0	51.5	564
CR1-C30-P	Participant	Boundary	661,978	4,989,318	612.8	51.3	633
CR2-C150-P	Participant	Boundary	657,308	4,986,173	600.0	51.3	591
CR1-C42-P	Participant	Boundary	659,828	4,992,807	580.1	51.1	604
CR1-C20-P	Participant	Boundary	662,024	4,987,612	604.2	51.0	640
CR1-C11-P	Participant	Boundary	664,225	4,984,910	608.8	50.9	699
CR1-C10-P	Participant	Boundary	662,871	4,985,402	601.7	50.6	614
CR1-C59-P	Participant	Boundary	661,380	5,000,092	591.5	50.2	623
CR1-C19-P	Participant	Boundary	660,393	4,987,529	608.4	50.1	784
CR1-C64-P	Participant	Boundary	659,129	4,991,995	576.6	49.9	679
CR1-C17-P	Participant	Boundary	658,819	4,986,842	611.4	49.7	909
CR1-C50-P	Participant	Boundary	656,239	4,994,042	618.0	49.6	984
CR1-C18-P	Participant	Boundary	664,396	4,987,007	609.4	47.7	948
CR1-C35-P	Participant	Boundary	661,955	4,990,153	606.1	47.1	1,112
CR1-C47-P	Participant	Boundary	663,454	4,992,888	612.0	46.7	1,076
CR1-C36-P	Participant	Boundary	663,116	4,990,548	610.7	46.1	1,293
CR1-C57-P	Participant	Boundary	656,526	4,995,198	616.1	45.8	1,319
CR1-C56-P	Participant	Boundary	655,385	4,995,606	603.0	45.6	1,555
CR1-C26-P	Participant	Boundary	658,015	4,987,993	606.7	43.4	1,867
CR1-C8-P	Participant	Boundary	661,277	4,984,852	597.0	41.7	2,139
CR1-C49-P	Participant	Boundary	662,224	4,993,664	609.0	38.3	5,105
CR1-C6-P	Participant	Boundary	663,383	4,994,502	591.0	38.3	3,878
CR1-C37-NP	Non-P	Structure	663,563	4,991,342	605.1	44.8	1,631
CR1-C52-NP	Non-P	Structure	654,924	4,995,231	603.0	44.6	1,883
CR1-C34-NP	Non-P	Structure	658,661	4,990,389	588.2	44.5	1,726
CR1-C46-NP	Non-P	Structure	655,802	4,993,540	609.1	44.4	1,795
CR1-C61-NP	Non-P	Structure	656,690	4,997,831	612.0	44.2	1,686
CR1-C41-NP	Non-P	Structure	665,053	4,992,084	576.1	44.1	2,356
CR1-C62-NP	Non-P	Structure	658,375	4,995,138	615.0	43.9	1,676
CR1-C9-NP	Non-P	Structure	665,352	4,985,004	609.0	43.9	2,280
CR1-C107-NP	Non-P	Structure	656,811	4,999,855	598.8	43.9	1,401
CR1-C44-NP	Non-P	Structure	665,076	4,993,095	578.2	43.8	2,155



**Exhibit C: Table C-2: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Codrington County**  
*continued*

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C58-NP	Non-P	Structure	657,781	4,996,906	615.0	43.7	1,647
CR1-C13-NP	Non-P	Structure	663,792	4,985,785	612.0	43.5	2,589
CR1-C14-NP	Non-P	Structure	657,982	4,985,894	609.0	43.4	1,880
CR1-C31-NP	Non-P	Structure	665,939	4,988,950	585.4	43.1	2,126
CR1-C15-NP	Non-P	Structure	663,291	4,986,026	615.0	42.9	2,175
CR1-C12-NP	Non-P	Structure	662,222	4,985,736	603.0	42.8	2,201
CR1-C16-NP	Non-P	Structure	661,960	4,986,288	606.0	42.5	2,648
CR1-C12-1-NP	Non-P	Structure	662,199	4,986,047	606.0	42.4	2,818
CR1-C39-NP	Non-P	Structure	660,144	4,991,670	588.0	42.2	2,605
CR1-C105-NP	Non-P	Structure	658,372	5,001,257	600.3	42.2	2,549
CR1-C60-NP	Non-P	Structure	656,855	4,998,565	613.5	42.1	2,592
CR1-C63-NP	Non-P	Structure	658,566	4,995,254	612.4	42.1	2,408
CR1-C28-NP	Non-P	Structure	665,429	4,988,598	590.9	41.5	2,831
CR1-C40-NP	Non-P	Structure	657,865	4,991,818	583.7	41.4	2,690
CR1-C71-NP	Non-P	Structure	665,137	4,988,378	595.6	41.3	3,448
CR1-C70-NP	Non-P	Structure	665,135	4,988,293	595.9	41.2	3,540
CR1-C29-NP	Non-P	Structure	666,572	4,988,867	575.9	41.1	2,457
CR1-C72-NP	Non-P	Structure	665,158	4,988,170	594.6	41.1	3,776
CR1-C38-NP	Non-P	Structure	660,639	4,991,557	597.0	40.9	3,474
CR1-C7-NP	Non-P	Structure	660,893	4,984,861	593.2	40.1	3,022
CR1-C110-NP	Non-P	Structure	654,385	4,996,686	593.9	40.1	2,910
CR1-C55-NP	Non-P	Structure	660,914	4,995,169	607.5	39.4	3,360
CR1-C3-NP	Non-P	Structure	657,888	4,984,697	604.2	38.7	3,294
CR1-C67-NP	Non-P	Structure	659,789	4,985,057	606.0	38.5	5,791
CR1-C66-NP	Non-P	Structure	659,718	4,985,032	606.0	38.4	5,800
CR1-C112-NP	Non-P	Structure	660,002	4,984,908	604.6	38.4	5,627
CR1-C111-NP	Non-P	Structure	653,857	4,995,573	591.0	38.3	3,678
CR1-C5-NP	Non-P	Structure	659,958	4,984,794	604.8	38.2	5,659
CR1-C4-NP	Non-P	Structure	659,744	4,984,749	606.0	37.9	5,981
CR1-C27-NP	Non-P	Structure	656,876	4,988,683	583.0	37.5	5,974
CR1-C65-NP	Non-P	Structure	665,805	4,995,305	579.0	37.2	3,884
CR1-C109-NP	Non-P	Structure	653,780	4,996,828	588.0	37.1	4,797
CR1-C2-NP	Non-P	Structure	658,791	4,984,483	602.0	37.0	6,273
CR1-C33-NP	Non-P	Structure	656,839	4,990,404	569.8	36.9	7,418
CR1-C54-NP	Non-P	Structure	663,421	4,995,376	583.4	36.3	5,351
CR1-C32-NP	Non-P	Structure	655,843	4,989,581	568.8	35.2	9,708
CR1-C53-NP	Non-P	Structure	663,376	4,996,043	578.8	35.2	7,201
CR1-C45-NP	Non-P	Structure	653,390	4,993,503	573.2	35.0	5,673



**Exhibit C: Table C-2: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**  
**Realistic case sound results at land parcel boundaries and occupied structures**  
**Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's**  
**UTM NAD83 Zone 14**  
**Grant County**  
**continued**

Receptor ID	Participation Status	Type	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-G68-NP	Non-P	Structure	669,159	4,993,632	565.6	43.0	2,113
CR1-G43-NP	Non-P	Structure	661,141	5,001,721	583.6	42.9	1,909
CR1-G125-NP	Non-P	Structure	668,289	5,000,643	543.0	42.8	1,716
CR1-G23-NP	Non-P	Structure	670,471	4,992,104	560.0	42.5	2,185
CR1-G16-NP	Non-P	Structure	668,419	4,989,861	576.0	41.7	2,070
CR1-G114-NP	Non-P	Structure	666,214	5,006,667	521.1	40.8	2,205
CR1-G34-NP	Non-P	Structure	671,320	4,995,798	531.0	40.8	2,238
CR1-G115-NP	Non-P	Structure	664,933	5,006,731	544.6	40.5	2,188
CR1-G113-NP	Non-P	Structure	666,228	5,005,549	537.0	40.3	2,746
CR1-G109-NP	Non-P	Structure	667,064	5,000,425	566.2	40.1	2,152
CR1-G130-NP	Non-P	Structure	668,147	5,000,233	549.0	39.3	3,005
CR1-G44-NP	Non-P	Structure	661,781	5,001,732	583.7	39.2	3,123
CR1-G14-NP	Non-P	Structure	668,156	4,989,332	574.1	38.5	3,940
CR1-G42-NP	Non-P	Structure	670,566	4,997,097	518.9	38.0	3,819
CR1-G12-NP	Non-P	Structure	668,229	4,989,039	575.0	37.7	4,623
CR1-G13-NP	Non-P	Structure	672,216	4,989,142	558.0	37.2	3,576
CR1-G37-NP	Non-P	Structure	668,998	4,996,452	549.0	36.6	5,246
CR1-G36-NP	Non-P	Structure	673,559	4,996,344	498.0	35.4	6,211
CR1-G117-NP	Non-P	Structure	663,801	5,005,084	581.3	35.3	4,501
CR1-G105-NP	Non-P	Structure	668,696	4,998,325	549.0	35.2	6,345
CR1-G22-NP	Non-P	Structure	674,670	4,991,955	527.6	34.8	5,781
CR1-G110-NP	Non-P	Structure	671,218	5,005,064	456.2	34.8	5,889
CR1-G27-NP	Non-P	Structure	676,630	4,994,642	480.8	34.0	4,944
CR1-G77-NP	Non-P	Structure	676,031	4,992,629	502.7	33.2	5,728
CR1-G70-NP	Non-P	Structure	677,465	4,991,043	492.0	29.4	12,651
CR1-G600-NP	Non-P	Structure	674,301	5,005,773	393.0	28.8	13,186
CR1-G65-P	Participant	Structure	671,496	4,994,973	537.0	45.3	1,539
CR1-G18-P	Participant	Structure	668,678	4,990,722	585.0	45.1	1,585
CR1-G32-P	Participant	Structure	669,477	4,995,401	546.0	45.1	1,545
CR1-G21-P	Participant	Structure	666,766	4,991,807	577.1	44.8	1,555
CR1-G66-P	Participant	Structure	670,802	4,994,681	539.7	44.0	1,801
CR1-G25-P	Participant	Structure	671,391	4,992,858	549.0	43.8	1,804
CR1-G19-P	Participant	Structure	671,018	4,990,744	570.0	43.4	2,077
CR1-G67-P	Participant	Structure	669,597	4,993,440	556.1	43.2	2,106
CR1-G28-P	Participant	Structure	673,113	4,994,772	513.9	43.2	1,614
CR1-G128-P	Participant	Structure	670,242	5,001,314	513.0	42.9	2,612
CR1-G131-P	Participant	Structure	668,466	5,005,145	505.2	42.9	2,133
CR1-G124-P	Participant	Structure	669,843	5,000,605	525.0	42.7	1,791



**Exhibit C: Table C-3: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**

Realistic case sound results 25 ft from occupied structures perimeter

Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's

UTM NAD83 Zone 14

Codington County

Receptor ID	Participation Status	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C37-NP	Non-P	663,563	4,991,342	605.1	45.0	1,631
CR1-C52-NP	Non-P	654,924	4,995,231	603.0	44.7	1,883
CR1-C34-NP	Non-P	658,661	4,990,389	588.2	44.7	1,726
CR1-C46-NP	Non-P	655,802	4,993,540	609.1	44.6	1,795
CR1-C61-NP	Non-P	656,690	4,997,831	612.0	44.3	1,686
CR1-C41-NP	Non-P	665,053	4,992,084	576.1	44.1	2,356
CR1-C62-NP	Non-P	658,375	4,995,138	615.0	44.1	1,676
CR1-C9-NP	Non-P	665,352	4,985,004	609.0	44.9	2,280
CR1-C107-NP	Non-P	656,811	4,999,855	598.8	44.1	1,401
CR1-C44-NP	Non-P	665,076	4,993,095	578.2	43.8	2,155
CR1-C58-NP	Non-P	657,781	4,996,906	615.0	43.9	1,647
CR1-C13-NP	Non-P	663,792	4,985,785	612.0	43.5	2,589
CR1-C14-NP	Non-P	657,982	4,985,894	609.0	43.5	1,880
CR1-C31-NP	Non-P	665,939	4,988,950	585.4	43.3	2,126
CR1-C15-NP	Non-P	663,291	4,986,026	615.0	43.0	2,175
CR1-C12-NP	Non-P	662,222	4,985,736	603.0	42.9	2,201
CR1-C16-NP	Non-P	661,960	4,986,288	606.0	42.5	2,648
CR1-C12-1-NP	Non-P	662,199	4,986,047	606.0	42.4	2,818
CR1-C39-NP	Non-P	660,144	4,991,670	588.0	42.2	2,605
CR1-C105-NP	Non-P	658,372	5,001,257	600.3	42.2	2,549
CR1-C60-NP	Non-P	656,855	4,998,565	613.5	42.1	2,592
CR1-C63-NP	Non-P	658,566	4,995,254	612.4	42.2	2,408
CR1-C28-NP	Non-P	665,429	4,988,598	590.9	41.6	2,831
CR1-C40-NP	Non-P	657,865	4,991,818	583.7	41.5	2,690
CR1-C71-NP	Non-P	665,137	4,988,378	595.6	41.4	3,448
CR1-C70-NP	Non-P	665,135	4,988,293	595.9	41.2	3,540
CR1-C29-NP	Non-P	666,572	4,988,867	575.9	41.2	2,457
CR1-C72-NP	Non-P	665,158	4,988,170	594.6	41.1	3,776
CR1-C38-NP	Non-P	660,639	4,991,557	597.0	40.9	3,474
CR1-C7-NP	Non-P	660,893	4,984,861	593.2	40.1	3,022
CR1-C110-NP	Non-P	654,385	4,996,686	593.9	40.2	2,910
CR1-C55-NP	Non-P	660,914	4,995,169	607.5	39.4	3,360
CR1-C3-NP	Non-P	657,888	4,984,697	604.2	38.7	3,294
CR1-C67-NP	Non-P	659,789	4,985,057	606.0	38.5	5,791
CR1-C66-NP	Non-P	659,718	4,985,032	606.0	38.4	5,800
CR1-C112-NP	Non-P	660,002	4,984,908	604.6	38.5	5,627
CR1-C111-NP	Non-P	653,857	4,995,573	591.0	38.3	3,678
CR1-C5-NP	Non-P	659,958	4,984,794	604.8	38.2	5,659
CR1-C4-NP	Non-P	659,744	4,984,749	606.0	38.0	5,981

**Exhibit C: Table C-3: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**

Realistic case sound results 25 ft from occupied structures perimeter

Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's

UTM NAD83 Zone 14

Codington County

*continued*

Receptor ID	Participation Status	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-C27-NP	Non-P	656,876	4,988,683	583.0	37.6	5,974
CR1-C65-NP	Non-P	665,805	4,995,305	579.0	37.3	3,884
CR1-C109-NP	Non-P	653,780	4,996,828	588.0	37.2	4,797
CR1-C2-NP	Non-P	658,791	4,984,483	602.0	37.1	6,273
CR1-C33-NP	Non-P	656,839	4,990,404	569.8	36.9	7,418
CR1-C54-NP	Non-P	663,421	4,995,376	583.4	36.3	5,351
CR1-C32-NP	Non-P	655,843	4,989,581	568.8	35.2	9,708
CR1-C53-NP	Non-P	663,376	4,996,043	578.8	35.2	7,201
CR1-C45-NP	Non-P	653,390	4,993,503	573.2	35.1	5,673
CR1-C1-NP	Non-P	656,743	4,983,525	596.0	34.8	5,541
CR1-C30-P	Participant	661,699	4,988,957	615.0	47.8	1,614
CR1-C50-P	Participant	656,806	4,994,388	621.0	46.8	1,591
CR1-C19-P	Participant	659,243	4,987,276	611.6	46.4	1,722
CR2-C150-P	Participant	657,178	4,985,788	612.0	46.2	1,640
CR1-C10-P	Participant	663,510	4,985,195	609.0	39.5	1,634
CR1-C36-P	Participant	663,181	4,990,600	615.0	45.5	1,532
CR1-C17-P	Participant	658,031	4,986,373	609.1	45.2	1,886
CR1-C68-P	Participant	662,652	4,987,606	609.0	45.2	2,146
CR1-C69-P	Participant	662,685	4,987,619	609.0	45.1	2,185
CR1-C11-P	Participant	664,111	4,985,679	609.0	44.9	1,860
CR1-C57-P	Participant	656,628	4,995,266	615.0	45.0	1,568
CR1-C64-P	Participant	659,436	4,992,174	581.0	44.9	1,614
CR1-C56-P	Participant	655,953	4,995,244	606.5	44.8	1,972
CR1-C42-P	Participant	659,458	4,992,229	580.0	44.7	1,801
CR1-C48-P	Participant	664,247	4,993,646	588.0	44.7	1,847
CR1-C51-P	Participant	657,455	4,995,160	621.0	44.2	1,768
CR1-C20-P	Participant	663,054	4,987,455	606.0	43.9	2,336
CR1-C35-P	Participant	662,025	4,990,475	609.0	43.8	2,123
CR1-C59-P	Participant	661,548	5,000,754	584.2	42.9	1,644
CR1-C18-P	Participant	663,651	4,987,157	610.4	42.2	3,409
CR1-C21-P	Participant	660,756	4,984,086	594.0	40.7	2,388
CR1-C22-P	Participant	660,755	4,984,082	594.0	40.7	2,375
CR1-C26-P	Participant	657,767	4,988,493	597.0	40.4	3,484
CR1-C23-P	Participant	660,619	4,984,078	595.8	40.2	2,523
CR1-C47-P	Participant	662,825	4,993,508	613.9	39.3	3,750
CR1-C8-P	Participant	660,532	4,984,445	599.4	39.0	3,740
CR1-C49-P	Participant	662,250	4,993,731	609.0	38.2	5,148
CR1-C6-P	Participant	662,989	4,995,228	599.8	36.3	6,102

**Exhibit C: Table C-3: Crowned Ridge Sound Level Tabular Results Sorted by Sound Level**

Realistic case sound results 25 ft from occupied structures perimeter

Results using GE 2.3-116-90 m HH, GE 2.3-116-80 m HH WTG's

UTM NAD83 Zone 14

Grant County

continued

Receptor ID	Participation Status	Easting (m)	Northing (m)	Elevation AMSL (m)	Real Case Sound (dB(A))	Distance to Nearest Turbine (ft)
CR1-G68-NP	Non-P	669,159	4,993,632	565.6	43.0	2,113
CR1-G43-NP	Non-P	661,141	5,001,721	583.6	42.9	1,909
CR1-G125-NP	Non-P	668,289	5,000,643	543.0	42.8	1,716
CR1-G23-NP	Non-P	670,471	4,992,104	560.0	42.5	2,185
CR1-G16-NP	Non-P	668,419	4,989,861	576.0	41.7	2,070
CR1-G114-NP	Non-P	666,214	5,006,667	521.1	40.8	2,205
CR1-G34-NP	Non-P	671,320	4,995,798	531.0	40.8	2,238
CR1-G115-NP	Non-P	664,933	5,006,731	544.6	40.5	2,188
CR1-G113-NP	Non-P	666,228	5,005,549	537.0	40.3	2,746
CR1-G109-NP	Non-P	667,064	5,000,425	566.2	40.1	2,152
CR1-G130-NP	Non-P	668,147	5,000,233	549.0	39.3	3,005
CR1-G44-NP	Non-P	661,781	5,001,732	583.7	39.2	3,123
CR1-G14-NP	Non-P	668,156	4,989,332	574.1	38.5	3,940
CR1-G42-NP	Non-P	670,566	4,997,097	518.9	38.0	3,819
CR1-G12-NP	Non-P	668,229	4,989,039	575.0	37.7	4,623
CR1-G13-NP	Non-P	672,216	4,989,142	558.0	37.2	3,576
CR1-G37-NP	Non-P	668,998	4,996,452	549.0	36.6	5,246
CR1-G36-NP	Non-P	673,559	4,996,344	498.0	35.4	6,211
CR1-G117-NP	Non-P	663,801	5,005,084	581.3	35.3	4,501
CR1-G105-NP	Non-P	668,696	4,998,325	549.0	35.2	6,345
CR1-G22-NP	Non-P	674,670	4,991,955	527.6	34.8	5,781
CR1-G110-NP	Non-P	671,218	5,005,064	456.2	34.8	5,889
CR1-G27-NP	Non-P	676,630	4,994,642	480.8	34.0	4,944
CR1-G77-NP	Non-P	676,031	4,992,629	502.7	33.2	5,728
CR1-G70-NP	Non-P	677,465	4,991,043	492.0	29.4	12,651
CR1-G600-NP	Non-P	674,301	5,005,773	393.0	28.8	13,186
CR1-G65-P	Participant	671,496	4,994,973	537.0	45.3	1,539
CR1-G18-P	Participant	668,678	4,990,722	585.0	45.1	1,585
CR1-G32-P	Participant	669,477	4,995,401	546.0	45.1	1,545
CR1-G21-P	Participant	666,766	4,991,807	577.1	44.8	1,555
CR1-G66-P	Participant	670,802	4,994,681	539.7	44.0	1,801
CR1-G25-P	Participant	671,391	4,992,858	549.0	43.8	1,804
CR1-G19-P	Participant	671,018	4,990,744	570.0	43.4	2,077
CR1-G67-P	Participant	669,597	4,993,440	556.1	43.2	2,106
CR1-G28-P	Participant	673,113	4,994,772	513.9	43.2	1,614
CR1-G128-P	Participant	670,242	5,001,314	513.0	42.9	2,612
CR1-G131-P	Participant	668,466	5,005,145	505.2	42.9	2,133
CR1-G124-P	Participant	669,843	5,000,605	525.0	42.7	1,791

