

**Legend**

<span style="border: 1px solid purple; padding: 2px;"> </span> Wind Energy Centre Study Area	<span style="border: 1px solid red; padding: 2px;"> </span> Expressway / Highway	<span style="color: purple;">●</span> GE Turbine
<span style="border: 1px solid orange; padding: 2px;"> </span> Transmission Line Study Area	<span style="border: 1px solid black; padding: 2px;"> </span> Major Road	<span style="color: yellow;">●</span> Permanent Meteorological Tower
<span style="border: 1px solid grey; padding: 2px;"> </span> Parcel Boundary	<span style="border: 1px solid grey; padding: 2px;"> </span> Local Road	<span style="border: 1px solid black; padding: 2px;"> </span> Access Road
<span style="border: 1px solid grey; padding: 2px;"> </span> Municipal Division	<span style="border: 1px solid grey; padding: 2px;"> </span> Ramp	<span style="border: 1px solid orange; padding: 2px;"> </span> Collection Line
<b>Setback Distances</b>	<span style="border: 1px solid black; padding: 2px;"> </span> Railway	<span style="border: 1px solid red; padding: 2px;"> </span> Crane Path
<span style="border: 1px dashed green; padding: 2px;"> </span> 60 m Road/Rail Buffer	<span style="border: 1px dashed black; padding: 2px;"> </span> Existing 500kV Transmission Line	<span style="border: 1px dashed black; padding: 2px;"> </span> Transmission Line
<span style="border: 1px dashed orange; padding: 2px;"> </span> 80 m Property Boundary Buffer	<span style="border: 1px solid green; padding: 2px;"> </span> Receptor	<span style="border: 1px dashed black; padding: 2px;"> </span> 120m Area of Investigation
<span style="border: 1px dashed purple; padding: 2px;"> </span> 500 m Substation Footprint Buffer	<span style="border: 1px solid red; padding: 2px;"> </span> Participating Receptor	<span style="border: 1px solid red; padding: 2px;"> </span> Substation
<span style="border: 1px dashed pink; padding: 2px;"> </span> 550 m Noise Receptor Buffer	<span style="border: 1px solid orange; padding: 2px;"> </span> Non-participating Receptor	<span style="border: 1px solid grey; padding: 2px;"> </span> Temporary Laydown Area
<span style="border: 1px solid magenta; padding: 2px;"> </span> 75 m Petroleum Resources Buffer	<span style="border: 1px solid green; padding: 2px;"> </span> Vacant Lot Participating Receptor	<span style="border: 1px solid grey; padding: 2px;"> </span> Disturbance Areas
<span style="border: 1px solid magenta; padding: 2px;"> </span> 2 km Boundary from Project Location	<span style="border: 1px solid orange; padding: 2px;"> </span> Vacant Lot Non-participating Receptor	
<b>Other Resources</b>	<span style="border: 1px solid blue; padding: 2px;"> </span> Natural Feature	
<span style="border: 1px solid red; padding: 2px;"> </span> Petroleum Well	<span style="border: 1px solid blue; padding: 2px;"> </span> Watercourse (ABCA, SCRCA)	
<span style="border: 1px solid orange; padding: 2px;"> </span> Authorized Aggregate Site	<span style="border: 1px solid blue; padding: 2px;"> </span> Watercourse (MNR)	
<span style="border: 1px solid yellow; padding: 2px;"> </span> Closed Landfill	<span style="border: 1px solid blue; padding: 2px;"> </span> Waterbody	
<span style="border: 1px solid cyan; padding: 2px;"> </span> Open Landfill	<span style="border: 1px solid blue; padding: 2px;"> </span> Cartographic Wetland	
	<span style="border: 1px solid green; padding: 2px;"> </span> Woodlots	

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N  
W E  
S

Metres

0 300 600 1,200 1,800 2,400 3,000

1:50,000  
UTM Zone 17N, NAD 83

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Goshen Wind Energy Centre  
Design and Operations Report

**Project Location and  
Socio-Economic Features**

October 2013  
Project 60155032

Map Document: N:\Projects\60155032\2013\Final\GIS\MapDocs\Report\MapDocs\MapDocs\_Mapping\60155032\_Aerichn\_Evaluated\_Wetlands.mxd  
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# Appendix C

## Revised Site Plan

**Table 1. UTM Coordinates of Proposed Goshen Wind Energy Centre Turbines**

<b>Turbine Number</b>	<b>Easting</b>	<b>Northing</b>
<b>Substation</b>	454551	4794971
<b>2</b>	450520	4805782
<b>3</b>	451051	4805361
<b>4</b>	450524	4804972
<b>5</b>	451300	4804616
<b>6</b>	451203	4803770
<b>8</b>	447071	4803417
<b>9</b>	446830	4802090
<b>10</b>	448722	4804602
<b>11</b>	448568	4803670
<b>12</b>	449241	4803328
<b>13</b>	448911	4802237
<b>14</b>	448875	4801624
<b>15</b>	449226	4800450
<b>16</b>	444383	4793947
<b>17</b>	443972	4792675
<b>19</b>	445549	4795811
<b>20</b>	445679	4795219
<b>21</b>	445847	4794126
<b>22</b>	447530	4795721
<b>23</b>	447843	4796331
<b>31</b>	452335	4797930
<b>32</b>	452553	4796971
<b>33</b>	452366	4796399
<b>34</b>	453108	4799573
<b>35</b>	454089	4796605
<b>36</b>	446196	4792203
<b>37</b>	446287	4791638
<b>38</b>	446167	4791042
<b>39</b>	447984	4793710
<b>41</b>	448895	4791606
<b>42</b>	448990	4790737
<b>47</b>	452425	4792588
<b>48</b>	452825	4793244
<b>49</b>	454586	4792838
<b>50</b>	455040	4793271
<b>52</b>	440156	4788373
<b>53</b>	442135	4790871
<b>54</b>	439792	4790436
<b>55</b>	440005	4789811
<b>56</b>	439925	4788922
<b>57</b>	438121	4790232
<b>58</b>	437973	4789428
<b>59</b>	438098	4788616
<b>60</b>	437501	4789050
<b>61</b>	437294	4788459
<b>62</b>	437743	4788017
<b>63</b>	438227	4787615
<b>64</b>	446988	4791822
<b>65</b>	454014	4798992
<b>66</b>	446376	4794650
<b>67</b>	453955	4799707
<b>68</b>	450577	4790696
<b>69</b>	450788	4791504
<b>70</b>	450838	4792170
<b>71</b>	451847	4795562
<b>72</b>	450670	4804345
<b>73</b>	453192	4800669

<b>Turbine Number</b>	<b>Easting</b>	<b>Northing</b>
74	453886	4795484
75	454731	4795014
76	454137	4793736
77	453186	4791237
78	447027	4790721
79	441914	4791634
80	445510	4796315
81	450167	4794140
82	452242	4793145
83	442950	4792234
84	438410	4790647
85	446173	4795111
86	446578	4793447

*Note: All co-ordinates are provided in NAD 83 Zone 17.*

**Table 2. UTM Coordinates of Existing Turbine in the Municipality of Bluewater**

<b>Turbine Name</b>	<b>Easting</b>	<b>Northing</b>
Zurich Wind Farm	446741	4808399

*Note: All co-ordinates are provided in NAD 83 Zone 17.*

**Table 3. UTM Coordinates of Receptors within Two Kilometres of Project Location**

Receptor ID Number	Receptor Type	Easting	Northing
GSH1001	Non-Participating	4789604	443655
GSH1004	Non-Participating	4789815	443765
GSH1005	Non-Participating	4789873	443625
GSH1009	Non-Participating	4790126	443678
GSH1010	Non-Participating	4790175	443583
GSH1011	Non-Participating	4790177	443570
GSH1012	Non-Participating	4790146	443566
GSH1015	Non-Participating	4790322	443546
GSH1016	Non-Participating	4790344	443562
GSH1175	Vacant Lot Non-Participating	4805847	447679
GSH1017	Non-Participating	4790531	443458
GSH1020	Non-Participating	4790648	443618
GSH1022	Non-Participating	4790691	443626
GSH1024	Non-Participating	4791787	443423
GSH1025	Non-Participating	4791737	443429
GSH1028	Non-Participating	4791796	442477
GSH1029	Non-Participating	4793567	443303
GSH1087	Participating	4793098	448088
GSH1092	Non-Participating	4793131	448333
GSH1100	Non-Participating	4797329	448145
GSH1110	Non-Participating	4801759	446055
GSH1111	Non-Participating	4801788	446149
GSH1115	Non-Participating	4802982	445854
GSH1116	Non-Participating	4802943	446095
GSH1138	Non-Participating	4805305	447202
GSH1177	Non-Participating	4806099	447534
GSH1179	Non-Participating	4806134	447788
GSH118	Non-Participating	4791820	436991
GSH1185	Non-Participating	4805706	447593
GSH1187	Non-Participating	4805649	447853
GSH1190	Non-Participating	4804867	447593
GSH1196	Non-Participating	4804871	447636
GSH1197	Non-Participating	4804908	447643
GSH1198	Non-Participating	4805654	447848
GSH120	Non-Participating	4791797	437031
GSH1200	Non-Participating	4804487	447758
GSH1201	Participating	4804559	448123
GSH1202	Participating	4804620	448100
GSH1208	Non-Participating	4804135	447831
GSH1211	Non-Participating	4804129	447992
GSH1212	Participating	4803557	448001
GSH1215	Non-Participating	4803621	447908
GSH1218	Non-Participating	4803864	447893
GSH1220	Participating	4803312	448163
GSH1223	Non-Participating	4802763	447984
GSH1224	Non-Participating	4802884	448327
GSH1227	Non-Participating	4802484	448206
GSH1230	Participating	4802066	448252
GSH1231	Non-Participating	4801884	448207
GSH1247	Non-Participating	4801555	448188
GSH1251	Non-Participating	4801383	448338
GSH1255	Non-Participating	4800513	448070
GSH1256	Non-Participating	4800434	448185
GSH1259	Non-Participating	4800382	448356
GSH1261	Non-Participating	4800563	448491
GSH1264	Non-Participating	4800769	448421
GSH1271	Non-Participating	4799267	447833

Receptor ID Number	Receptor Type	Easting	Northing
GSH1286	Non-Participating	4799376	447824
GSH1287	Non-Participating	4799311	447977
GSH1289	Non-Participating	4799683	449768
GSH1297	Non-Participating	4799463	449917
GSH1300	Non-Participating	4798579	448601
GSH1301	Non-Participating	4798634	448689
GSH1305	Non-Participating	4799573	449264
GSH1309	Non-Participating	4799442	449298
GSH1310	Non-Participating	4799500	449393
GSH1310A	Vacant Lot Non-Participating	4803953	445856
GSH1314	Non-Participating	4798028	448765
GSH1324	Non-Participating	4797535	449065
GSH1325	Non-Participating	4797555	449046
GSH1328	Non-Participating	4797281	448977
GSH1331	Non-Participating	4796745	448858
GSH1334	Non-Participating	4796816	449086
GSH1339	Non-Participating	4796453	448865
GSH1341	Non-Participating	4796399	449025
GSH1345	Non-Participating	4796032	448934
GSH1346	Non-Participating	4795875	448959
GSH1350	Non-Participating	4795779	448914
GSH1351	Non-Participating	4794762	449319
GSH1354	Non-Participating	4794305	449196
GSH1355	Non-Participating	4794316	449450
GSH1356	Non-Participating	4793939	449244
GSH1359	Participating	4793859	449445
GSH1360	Participating	4793863	449459
GSH1365	Participating	4793293	448825
GSH1369	Non-Participating	4793473	449479
GSH1370	Non-Participating	4793526	449433
GSH1371	Non-Participating	4793226	449520
GSH1374	Non-Participating	4793049	449423
GSH1376	Non-Participating	4793490	450461
GSH1377	Non-Participating	4793501	450502
GSH1380	Non-Participating	4792729	449303
GSH1381	Non-Participating	4792329	449632
GSH1389	Participating	4791861	449404
GSH1394	Participating	4791574	449644
GSH1398	Participating	4791624	449718
GSH1400	Non-Participating	4791323	449776
GSH1401	Participating	4791093	449867
GSH1410	Participating	4790670	449873
GSH1412	Participating	4790684	449975
GSH1416	Non-Participating	4790256	449764
GSH1418	Non-Participating	4790292	450000
GSH1419	Non-Participating	4790099	449979
GSH1422	Non-Participating	4789170	449348
GSH1427	Non-Participating	4789376	450683
GSH1428	Non-Participating	4789245	450862
GSH1434	Non-Participating	4789474	451325
GSH1435	Non-Participating	4789362	451343
GSH1440	Non-Participating	4789493	451545
GSH1462	Non-Participating	4789605	452339
GSH1465	Non-Participating	4789627	452556
GSH1466	Non-Participating	4789647	452700
GSH1471	Non-Participating	4789565	452824
GSH1479	Non-Participating	4789759	453316
GSH1483	Participating	4792148	451591
GSH1489	Non-Participating	4792571	451390

Receptor ID Number	Receptor Type	Easting	Northing
GSH1491	Non-Participating	4793025	451490
GSH1492	Non-Participating	4793057	451488
GSH1493	Non-Participating	4793090	451480
GSH1494	Non-Participating	4793154	451473
GSH1500	Non-Participating	4793534	451396
GSH1504	Non-Participating	4793578	451614
GSH1505	Non-Participating	4793832	451493
GSH1506	Non-Participating	4793696	451405
GSH1507	Non-Participating	4793697	451673
GSH1511	Non-Participating	4794212	451313
GSH1514	Non-Participating	4794533	451128
GSH1515	Non-Participating	4794636	451423
GSH1516	Non-Participating	4794619	451488
GSH1517	Non-Participating	4794653	451513
GSH1519	Non-Participating	4794971	451133
GSH1521	Non-Participating	4795140	451281
GSH1523	Non-Participating	4795331	451143
GSH1524	Participating	4795453	451250
GSH1525	Participating	4795488	451223
GSH1530	Non-Participating	4795721	451124
GSH1532	Non-Participating	4796251	451001
GSH1535	Non-Participating	4796239	451187
GSH1539	Non-Participating	4796645	450942
GSH1540	Non-Participating	4797603	450770
GSH1542	Non-Participating	4797565	450824
GSH1543	Non-Participating	4797512	450784
GSH1544	Participating	4797733	451132
GSH1550	Non-Participating	4798244	450736
GSH1551	Non-Participating	4798279	450884
GSH1556	Non-Participating	4798464	450788
GSH1558	Non-Participating	4798700	450782
GSH1561	Non-Participating	4799607	450288
GSH1562	Non-Participating	4799714	450472
GSH1563	Non-Participating	4799604	450531
GSH1568	Non-Participating	4799892	450653
GSH1569	Non-Participating	4799522	450826
GSH1573	Non-Participating	4800782	450466
GSH1578	Non-Participating	4801119	450196
GSH1579	Non-Participating	4801132	450205
GSH1581	Non-Participating	4801079	450182
GSH1583	Non-Participating	4801637	449944
GSH1584	Non-Participating	4801592	450063
GSH1585	Non-Participating	4801625	450058
GSH1586	Non-Participating	4801635	450077
GSH1588	Non-Participating	4802369	450148
GSH1590	Non-Participating	4801516	450399
GSH1594	Non-Participating	4802721	450011
GSH1596	Non-Participating	4802750	450260
GSH1598	Non-Participating	4803090	449937
GSH1599	Non-Participating	4803517	450121
GSH1603	Non-Participating	4804003	449884
GSH1606	Participating	4803972	450209
GSH1611	Non-Participating	4804304	449731
GSH1615	Non-Participating	4804750	449808
GSH1618	Participating	4804807	449940
GSH1619	Non-Participating	4805168	449763
GSH1621	Non-Participating	4805331	449729
GSH1625	Non-Participating	4805687	449678
GSH1627	Participating	4805604	449897

Receptor ID Number	Receptor Type	Easting	Northing
GSH1631	Non-Participating	4805994	449559
GSH1633	Non-Participating	4806022	449749
GSH1638	Non-Participating	4806454	449687
GSH1643	Non-Participating	4806699	449511
GSH1645	Non-Participating	4806779	449713
GSH1647	Non-Participating	4806956	449577
GSH1648	Non-Participating	4807038	449480
GSH1652	Non-Participating	4807103	449623
GSH1723	Non-Participating	4807323	451261
GSH1724	Non-Participating	4807219	451638
GSH1726	Non-Participating	4807028	451610
GSH1728	Non-Participating	4806938	451440
GSH1733	Non-Participating	4806598	451495
GSH1734	Non-Participating	4806428	451719
GSH1739	Non-Participating	4806093	451505
GSH1742	Participating	4805937	451265
GSH1743	Participating	4805829	451257
GSH1748	Participating	4805493	451478
GSH1751	Non-Participating	4805313	451686
GSH1752	Participating	4804847	451756
GSH1755	Non-Participating	4804437	451933
GSH1758	Participating	4804213	451913
GSH1759	Non-Participating	4803780	451987
GSH1760	Non-Participating	4803776	452000
GSH1761	Non-Participating	4803792	452107
GSH1769	Non-Participating	4803053	452086
GSH1776	Non-Participating	4802506	452128
GSH1777	Non-Participating	4802512	452313
GSH1779	Non-Participating	4802059	452283
GSH1783	Non-Participating	4801730	452328
GSH1786	Non-Participating	4801322	452232
GSH1792	Non-Participating	4800984	452325
GSH1795	Non-Participating	4800407	452605
GSH1800	Non-Participating	4799880	451496
GSH1802	Non-Participating	4799945	451890
GSH1803	Non-Participating	4799802	451915
GSH1807	Non-Participating	4799975	452364
GSH1808	Non-Participating	4799790	452449
GSH1810	Participating	4799872	452797
GSH1818	Participating	4800150	453469
GSH1825	Participating	4800005	453507
GSH1830	Non-Participating	4798768	452751
GSH1831	Non-Participating	4798934	452900
GSH1837	Non-Participating	4798234	452804
GSH1839	Non-Participating	4798162	453407
GSH1843	Non-Participating	4797983	453664
GSH1845	Non-Participating	4797983	452978
GSH1848	Participating	4797283	452856
GSH1849	Non-Participating	4797320	453086
GSH1851	Non-Participating	4797378	453105
GSH1856	Non-Participating	4796987	453171
GSH1859	Non-Participating	4796520	453365
GSH1868	Non-Participating	4795994	453418
GSH1871	Non-Participating	4795396	453272
GSH1876	Participating	4795194	453384
GSH1879	Non-Participating	4794838	453350
GSH1883	Non-Participating	4794949	453421
GSH1884	Non-Participating	4794481	453528
GSH1891	Non-Participating	4794358	453494



Receptor ID Number	Receptor Type	Easting	Northing
GSH1895	Non-Participating	4793740	453511
GSH1898	Participating	4793848	453707
GSH1900	Non-Participating	4793474	453620
GSH1904	Participating	4793256	453574
GSH1909	Non-Participating	4792937	453630
GSH1911	Non-Participating	4792690	453737
GSH1914	Non-Participating	4792409	453550
GSH1919	Non-Participating	4792041	453747
GSH1923	Non-Participating	4791934	454327
GSH1924	Non-Participating	4791640	453908
GSH1929	Non-Participating	4791272	454030
GSH1933	Non-Participating	4791000	454141
GSH1934	Non-Participating	4789819	453781
GSH1937	Non-Participating	4789655	453881
GSH1938	Non-Participating	4789661	453904
GSH1941	Non-Participating	4789720	453894
GSH1943	Non-Participating	4790392	454068
GSH1947	Non-Participating	4789891	454224
GSH2000	Non-Participating	4791522	455800
GSH2005	Non-Participating	4791726	455807
GSH2009	Non-Participating	4792063	455756
GSH2014	Non-Participating	4792045	456013
GSH2017	Non-Participating	4792365	455739
GSH2021	Non-Participating	4792690	455647
GSH2022	Non-Participating	4792813	455810
GSH2028	Participating	4793122	455615
GSH2029	Non-Participating	4793223	455702
GSH2033	Non-Participating	4793436	455631
GSH2034	Non-Participating	4793828	455618
GSH2037	Non-Participating	4793788	455626
GSH2038	Non-Participating	4793766	455628
GSH2039	Non-Participating	4793746	455631
GSH2044	Non-Participating	4793695	455576
GSH2046	Non-Participating	4793651	455582
GSH2047	Non-Participating	4793589	455583
GSH2053	Non-Participating	4794758	455299
GSH2054	Non-Participating	4794770	455538
GSH2055	Non-Participating	4794774	455566
GSH2059	Non-Participating	4794847	455493
GSH2061	Non-Participating	4795139	455547
GSH2071	Participating	4795533	455292
GSH2072	Non-Participating	4795568	455414
GSH2075	Non-Participating	4795732	455456
GSH2080	Non-Participating	4795939	455210
GSH2086	Non-Participating	4796371	455345
GSH2095	Non-Participating	4796717	454929
GSH2097	Non-Participating	4796786	455276
GSH2104	Non-Participating	4797249	455276
GSH2108	Non-Participating	4797509	454897
GSH2115	Non-Participating	4797752	455087
GSH2118	Non-Participating	4798011	454045
GSH2120	Non-Participating	4798169	454401
GSH2121	Non-Participating	4798430	455028
GSH2125	Non-Participating	4798816	454554
GSH2128	Non-Participating	4800236	454293
GSH2129	Non-Participating	4800243	454384
GSH2131	Non-Participating	4800122	454456
GSH2133	Non-Participating	4800278	455415
GSH2136	Non-Participating	4800444	455650

Receptor ID Number	Receptor Type	Easting	Northing
GSH2137	Non-Participating	4800248	455854
GSH219	Non-Participating	4804523	445793
GSH220	Non-Participating	4804501	445628
GSH2216	Non-Participating	4791258	441306
GSH2219	Non-Participating	4791275	441421
GSH2225	Participating	4791758	445640
GSH2226	Non-Participating	4800293	455854
GSH2228	Non-Participating	4799641	450504
GSH2241	Non-Participating	4801760	450209
GSH2242	Non-Participating	4801634	450081
GSH2244	Non-Participating	4801634	450076
GSH2248	Non-Participating	4800968	446502
GSH2249	Non-Participating	4800946	446372
GSH2256	Non-Participating	4804591	451980
GSH2269	Non-Participating	4792170	439152
GSH227	Non-Participating	4804114	445858
GSH2270	Non-Participating	4792138	439137
GSH2273	Non-Participating	4789760	442659
GSH2279	Non-Participating	4789179	449234
GSH2284	Non-Participating	4787693	436332
GSH2287	Non-Participating	4787352	436153
GSH2288	Non-Participating	4787385	435638
GSH2290	Non-Participating	4786491	440027
GSH2291	Non-Participating	4786523	440052
GSH2292	Non-Participating	4786538	439927
GSH2295	Non-Participating	4786818	439980
GSH2305	Non-Participating	4799768	454802
GSH2334	Non-Participating	4804909	448073
GSH2336	Non-Participating	4804293	447802
GSH2343	Non-Participating	4792102	449583
GSH2350	Non-Participating	4803433	452069
GSH2352	Non-Participating	4807202	449581
GSH2354	Non-Participating	4807236	449450
GSH2356	Non-Participating	4806476	449669
GSH2357	Non-Participating	4803948	449883
GSH2358	Non-Participating	4804018	449878
GSH2361	Non-Participating	4802770	450291
GSH2362	Participating	4803374	449977
GSH237	Non-Participating	4803673	445760
GSH2370	Non-Participating	4794638	451423
GSH2371	Non-Participating	4795103	451311
GSH2372	Non-Participating	4795146	451284
GSH2373	Non-Participating	4798141	451005
GSH2379	Non-Participating	4798034	444593
GSH2380	Non-Participating	4798053	444605
GSH2381	Non-Participating	4796605	446807
GSH2386	Non-Participating	4794884	447145
GSH2391	Vacant Lot Non-Participating	4789350	450432
GSH2392	Vacant Lot Non-Participating	4789282	450236
GSH2393	Vacant Lot Non-Participating	4789307	450089
GSH2394	Vacant Lot Non-Participating	4789394	450046
GSH2395	Vacant Lot Non-Participating	4789235	449858
GSH2396	Vacant Lot Non-Participating	4789251	449587
GSH2398	Vacant Lot Non-Participating	4789131	448686
GSH2399	Vacant Lot Non-Participating	4789090	448425
GSH2401	Vacant Lot Non-Participating	4788770	447410
GSH2403	Vacant Lot Non-Participating	4788963	447575
GSH2404	Vacant Lot Non-Participating	4788893	447107
GSH2405	Vacant Lot Non-Participating	4788802	446524

Receptor ID Number	Receptor Type	Easting	Northing
GSH2412	Vacant Lot Non-Participating	4788961	441787
GSH2413	Vacant Lot Non-Participating	4787971	440712
GSH2414	Vacant Lot Participating	4787905	440232
GSH2416	Vacant Lot Participating	4788087	438675
GSH242	Non-Participating	4803341	445762
GSH2420	Vacant Lot Participating	4789310	438798
GSH2421	Vacant Lot Non-Participating	4787431	437122
GSH2422	Vacant Lot Non-Participating	4787494	436905
GSH2423	Vacant Lot Non-Participating	4787754	436604
GSH2424	Vacant Lot Non-Participating	4787726	436477
GSH2425	Vacant Lot Non-Participating	4787936	436520
GSH2426	Vacant Lot Non-Participating	4787575	437084
GSH2427	Vacant Lot Non-Participating	4788178	436628
GSH2428	Vacant Lot Non-Participating	4788946	436831
GSH2429	Vacant Lot Non-Participating	4789121	436867
GSH243	Non-Participating	4802403	445976
GSH2430	Vacant Lot Non-Participating	4789342	436800
GSH2431	Vacant Lot Non-Participating	4789605	437052
GSH2432	Vacant Lot Non-Participating	4789636	436916
GSH2433	Vacant Lot Non-Participating	4789801	436817
GSH2434	Vacant Lot Non-Participating	4790022	436993
GSH2435	Vacant Lot Non-Participating	4789846	436905
GSH2436	Vacant Lot Non-Participating	4789724	438851
GSH2437	Vacant Lot Participating	4790109	439057
GSH2438	Vacant Lot Participating	4790183	438903
GSH2439	Vacant Lot Participating	4790344	439106
GSH244	Non-Participating	4802319	446129
GSH2440	Vacant Lot Participating	4790565	438938
GSH2441	Vacant Lot Non-Participating	4790782	438956
GSH2442	Vacant Lot Non-Participating	4791413	439022
GSH2443	Vacant Lot Non-Participating	4791115	439163
GSH2445	Vacant Lot Non-Participating	4792030	439254
GSH247	Participating	4802093	446217
GSH250	Non-Participating	4801292	446226
GSH2500	Vacant Lot Non-Participating	4794545	442919
GSH2540	Vacant Lot Non-Participating	4806697	451691
GSH2541	Vacant Lot Non-Participating	4806914	451648
GSH2542	Vacant Lot Non-Participating	4807347	451634
GSH2545	Vacant Lot Non-Participating	4806049	452321
GSH2546	Vacant Lot Non-Participating	4806042	452205
GSH2547	Vacant Lot Non-Participating	4805986	451802
GSH2548	Vacant Lot Non-Participating	4805301	451917
GSH2550	Vacant Lot Non-Participating	4805181	451938
GSH2556	Vacant Lot Non-Participating	4803964	452105
GSH2557	Vacant Lot Non-Participating	4802067	452381
GSH2558	Vacant Lot Non-Participating	4803373	452191
GSH2559	Vacant Lot Non-Participating	4803272	452214
GSH2560	Vacant Lot Non-Participating	4802676	452292
GSH2561	Vacant Lot Non-Participating	4801940	452395
GSH2562	Vacant Lot Non-Participating	4801361	452473
GSH2563	Vacant Lot Non-Participating	4801149	452514
GSH2564	Vacant Lot Participating	4800249	454065
GSH2565	Vacant Lot Non-Participating	4798693	452883
GSH2566	Vacant Lot Non-Participating	4798479	454850
GSH2567	Vacant Lot Non-Participating	4798889	454801
GSH2568	Vacant Lot Participating	4799081	454778
GSH2569	Vacant Lot Non-Participating	4797885	452996
GSH2570	Vacant Lot Non-Participating	4798136	454895
GSH2571	Vacant Lot Non-Participating	4796548	455137

Receptor ID Number	Receptor Type	Easting	Northing
GSH2572	Vacant Lot Non-Participating	4796333	455169
GSH2573	Vacant Lot Non-Participating	4795823	453320
GSH2574	Vacant Lot Non-Participating	4795718	455250
GSH2575	Vacant Lot Participating	4796624	453290
GSH2576	Vacant Lot Participating	4795134	455253
GSH2577	Vacant Lot Non-Participating	4794785	453502
GSH2579	Vacant Lot Non-Participating	4794079	454588
GSH2580	Vacant Lot Non-Participating	4794092	454684
GSH2581	Vacant Lot Non-Participating	4794125	454907
GSH2582	Vacant Lot Participating	4794129	454955
GSH2583	Vacant Lot Non-Participating	4794217	454986
GSH2584	Vacant Lot Non-Participating	4794136	455065
GSH2585	Vacant Lot Non-Participating	4794313	455345
GSH2586	Vacant Lot Non-Participating	4794370	455404
GSH2587	Vacant Lot Non-Participating	4794173	455393
GSH2588	Vacant Lot Non-Participating	4794295	455388
GSH2589	Vacant Lot Non-Participating	4794219	455400
GSH259	Non-Participating	4800875	446061
GSH2590	Vacant Lot Non-Participating	4794179	455413
GSH2592	Vacant Lot Non-Participating	4793954	455546
GSH2593	Vacant Lot Non-Participating	4794074	455529
GSH2594	Vacant Lot Non-Participating	4794092	455535
GSH2595	Vacant Lot Non-Participating	4794109	455533
GSH2596	Vacant Lot Non-Participating	4794120	455536
GSH2597	Vacant Lot Non-Participating	4794193	455304
GSH2598	Vacant Lot Participating	4793828	455503
GSH260	Non-Participating	4800948	446375
GSH2601	Vacant Lot Participating	4792943	453725
GSH2603	Vacant Lot Non-Participating	4792539	453773
GSH2604	Vacant Lot Non-Participating	4792360	453810
GSH2605	Vacant Lot Non-Participating	4791743	453907
GSH2607	Vacant Lot Non-Participating	4791066	453831
GSH2608	Vacant Lot Participating	4791216	453806
GSH2609	Vacant Lot Non-Participating	4791520	453768
GSH2610	Vacant Lot Non-Participating	4791724	453739
GSH2611	Vacant Lot Non-Participating	4791611	452687
GSH2612	Vacant Lot Non-Participating	4791502	451833
GSH2613	Vacant Lot Participating	4790619	451971
GSH2614	Vacant Lot Participating	4790468	452009
GSH2615	Vacant Lot Non-Participating	4791670	451847
GSH2616	Vacant Lot Non-Participating	4791769	452687
GSH2617	Vacant Lot Non-Participating	4792343	451721
GSH2618	Vacant Lot Participating	4792467	451707
GSH2619	Vacant Lot Non-Participating	4794103	453425
GSH2620	Vacant Lot Non-Participating	4793756	452021
GSH2621	Vacant Lot Non-Participating	4794207	453421
GSH2622	Vacant Lot Non-Participating	4794327	453396
GSH2623	Vacant Lot Non-Participating	4794456	453361
GSH2624	Vacant Lot Non-Participating	4795134	453236
GSH2625	Vacant Lot Non-Participating	4795821	453153
GSH2626	Vacant Lot Non-Participating	4795364	451263
GSH2627	Vacant Lot Non-Participating	4794906	451333
GSH2628	Vacant Lot Non-Participating	4795697	451209
GSH2630	Vacant Lot Non-Participating	4796335	451132
GSH2631	Vacant Lot Non-Participating	4796663	451070
GSH2632	Vacant Lot Non-Participating	4797600	450932
GSH2634	Vacant Lot Participating	4798013	452807
GSH2635	Vacant Lot Non-Participating	4799781	452250
GSH2637	Vacant Lot Non-Participating	4801702	450324

Receptor ID Number	Receptor Type	Easting	Northing
GSH2638	Vacant Lot Non-Participating	4801996	451863
GSH2639	Vacant Lot Non-Participating	4801885	450341
GSH2640	Vacant Lot Non-Participating	4802451	450278
GSH2641	Vacant Lot Non-Participating	4802963	450141
GSH2642	Vacant Lot Non-Participating	4802655	450245
GSH2643	Vacant Lot Non-Participating	4803349	452076
GSH2644	Vacant Lot Non-Participating	4802364	452225
GSH2645	Vacant Lot Participating	4803944	451989
GSH2646	Vacant Lot Participating	4804424	449959
GSH2647	Vacant Lot Non-Participating	4805104	451822
GSH2648	Vacant Lot Non-Participating	4805188	451817
GSH2649	Vacant Lot Participating	4805296	449861
GSH2650	Vacant Lot Non-Participating	4805861	449778
GSH2651	Vacant Lot Non-Participating	4807140	451491
GSH2657	Vacant Lot Non-Participating	4806177	449599
GSH2658	Vacant Lot Non-Participating	4805824	449630
GSH2659	Vacant Lot Non-Participating	4805328	447760
GSH2660	Vacant Lot Non-Participating	4805613	448632
GSH2661	Vacant Lot Non-Participating	4805649	448704
GSH2662	Vacant Lot Non-Participating	4805126	447783
GSH2663	Vacant Lot Non-Participating	4804663	449791
GSH2664	Vacant Lot Non-Participating	4804415	449849
GSH2665	Vacant Lot Non-Participating	4802988	448061
GSH2666	Vacant Lot Non-Participating	4802750	448157
GSH2667	Vacant Lot Non-Participating	4802576	448170
GSH2669	Vacant Lot Non-Participating	4801727	450021
GSH2670	Vacant Lot Non-Participating	4800983	448403
GSH2672	Vacant Lot Participating	4800353	448477
GSH2673	Vacant Lot Participating	4800147	448494
GSH2674	Vacant Lot Non-Participating	4799743	449954
GSH2675	Vacant Lot Non-Participating	4799946	451784
GSH2676	Vacant Lot Non-Participating	4799736	450328
GSH2677	Vacant Lot Non-Participating	4799556	449209
GSH2678	Vacant Lot Non-Participating	4799535	449143
GSH2679	Vacant Lot Non-Participating	4799452	449101
GSH2681	Vacant Lot Non-Participating	4800796	448266
GSH2683	Vacant Lot Non-Participating	4801353	448161
GSH2684	Vacant Lot Non-Participating	4801316	447655
GSH2685	Vacant Lot Non-Participating	4801388	447364
GSH2686	Vacant Lot Non-Participating	4800142	448336
GSH2687	Vacant Lot Non-Participating	4799793	448319
GSH2689	Vacant Lot Non-Participating	4799719	448388
GSH2690	Vacant Lot Non-Participating	4799707	448283
GSH2691	Vacant Lot Non-Participating	4799689	448163
GSH2692	Vacant Lot Non-Participating	4799663	448028
GSH2693	Vacant Lot Non-Participating	4799602	448118
GSH2694	Vacant Lot Non-Participating	4799557	448349
GSH2695	Vacant Lot Non-Participating	4799542	448393
GSH2696	Vacant Lot Non-Participating	4799518	448151
GSH2697	Vacant Lot Non-Participating	4799320	448093
GSH2698	Vacant Lot Non-Participating	4799345	448140
GSH2699	Vacant Lot Non-Participating	4799308	448141
GSH270	Non-Participating	4800560	446423
GSH2700	Vacant Lot Non-Participating	4799229	448128
GSH2701	Vacant Lot Non-Participating	4799068	448496
GSH2702	Vacant Lot Non-Participating	4799145	448486
GSH2703	Vacant Lot Non-Participating	4798883	448624
GSH2704	Vacant Lot Non-Participating	4798826	448650
GSH2705	Vacant Lot Non-Participating	4798793	448650

Receptor ID Number	Receptor Type	Easting	Northing
GSH2706	Vacant Lot Non-Participating	4799364	448870
GSH2707	Vacant Lot Non-Participating	4799444	448967
GSH2708	Vacant Lot Non-Participating	4799444	449006
GSH2709	Vacant Lot Non-Participating	4799460	449026
GSH2710	Vacant Lot Non-Participating	4799482	448362
GSH2711	Vacant Lot Non-Participating	4799238	448216
GSH2712	Vacant Lot Non-Participating	4799332	448346
GSH2713	Vacant Lot Non-Participating	4799327	448325
GSH2714	Vacant Lot Non-Participating	4799254	448690
GSH2715	Vacant Lot Non-Participating	4799558	448749
GSH2716	Vacant Lot Non-Participating	4799529	449047
GSH2717	Vacant Lot Non-Participating	4799563	448638
GSH2718	Vacant Lot Non-Participating	4799685	448560
GSH2719	Vacant Lot Non-Participating	4798890	448532
GSH2722	Vacant Lot Non-Participating	4798529	448744
GSH2723	Vacant Lot Non-Participating	4798715	448677
GSH2724	Vacant Lot Non-Participating	4797318	450803
GSH2726	Vacant Lot Non-Participating	4796559	450951
GSH2728	Vacant Lot Non-Participating	4795671	449158
GSH2730	Vacant Lot Non-Participating	4795060	449309
GSH2734	Vacant Lot Non-Participating	4794881	451195
GSH2735	Vacant Lot Non-Participating	4794705	451229
GSH2736	Vacant Lot Non-Participating	4794188	449374
GSH2737	Vacant Lot Non-Participating	4794348	449197
GSH2738	Vacant Lot Non-Participating	4793121	451489
GSH2739	Vacant Lot Non-Participating	4792874	451509
GSH274	Non-Participating	4800361	446152
GSH2740	Vacant Lot Non-Participating	4792805	449577
GSH2741	Vacant Lot Non-Participating	4792596	449614
GSH2742	Vacant Lot Non-Participating	4791946	449708
GSH2744	Vacant Lot Participating	4790942	449887
GSH2745	Vacant Lot Non-Participating	4791494	451687
GSH2746	Vacant Lot Non-Participating	4791072	451741
GSH2747	Vacant Lot Non-Participating	4790551	449937
GSH2748	Vacant Lot Non-Participating	4790401	449954
GSH2749	Vacant Lot Non-Participating	4790478	451850
GSH275	Non-Participating	4800302	446400
GSH2751	Vacant Lot Non-Participating	4789844	447779
GSH2752	Vacant Lot Participating	4791116	449605
GSH2753	Vacant Lot Non-Participating	4790428	447900
GSH2754	Vacant Lot Non-Participating	4790347	447924
GSH2755	Vacant Lot Non-Participating	4790235	447937
GSH2756	Vacant Lot Non-Participating	4793200	449372
GSH2757	Vacant Lot Non-Participating	4792937	449397
GSH2759	Vacant Lot Participating	4791074	447756
GSH2761	Vacant Lot Non-Participating	4791982	447604
GSH2762	Vacant Lot Participating	4791984	447469
GSH2763	Vacant Lot Non-Participating	4792077	447589
GSH2764	Vacant Lot Participating	4792370	447536
GSH2766	Vacant Lot Participating	4793619	449316
GSH2767	Vacant Lot Participating	4793554	447579
GSH2768	Vacant Lot Non-Participating	4794036	449232
GSH2770	Vacant Lot Non-Participating	4795145	449090
GSH2771	Vacant Lot Non-Participating	4795268	449064
GSH2772	Vacant Lot Non-Participating	4794729	447181
GSH2773	Vacant Lot Non-Participating	4794151	447272
GSH2774	Vacant Lot Non-Participating	4795421	448993
GSH2775	Vacant Lot Non-Participating	4795634	448956
GSH2776	Vacant Lot Non-Participating	4796099	448910

Receptor ID Number	Receptor Type	Easting	Northing
GSH2777	Vacant Lot Non-Participating	4796861	448814
GSH2778	Vacant Lot Non-Participating	4797264	448761
GSH2780	Vacant Lot Non-Participating	4796403	446976
GSH2781	Vacant Lot Non-Participating	4797659	448735
GSH2790	Vacant Lot Non-Participating	4799402	447587
GSH2791	Vacant Lot Non-Participating	4801841	446169
GSH2792	Vacant Lot Non-Participating	4802709	446102
GSH2793	Vacant Lot Non-Participating	4803358	447891
GSH2794	Vacant Lot Non-Participating	4802577	448013
GSH2795	Vacant Lot Participating	4802358	448045
GSH2796	Vacant Lot Participating	4803520	447883
GSH2797	Vacant Lot Non-Participating	4803678	447871
GSH2798	Vacant Lot Non-Participating	4804722	445795
GSH2806	Vacant Lot Non-Participating	4805795	447550
GSH2812	Vacant Lot Non-Participating	4804735	445625
GSH2813	Vacant Lot Non-Participating	4804036	445723
GSH2815	Vacant Lot Non-Participating	4803092	445828
GSH2819	Vacant Lot Non-Participating	4802260	445989
GSH2841	Vacant Lot Non-Participating	4798024	446536
GSH2844	Vacant Lot Non-Participating	4797044	445682
GSH2845	Vacant Lot Non-Participating	4796944	444817
GSH2846	Vacant Lot Non-Participating	4797460	444726
GSH2847	Vacant Lot Non-Participating	4797597	444688
GSH2848	Vacant Lot Non-Participating	4796977	444622
GSH2849	Vacant Lot Non-Participating	4797164	444592
GSH2850	Vacant Lot Non-Participating	4797580	444530
GSH2851	Vacant Lot Non-Participating	4797772	444522
GSH2857	Vacant Lot Non-Participating	4797019	446701
GSH2858	Vacant Lot Non-Participating	4796748	444676
GSH2859	Vacant Lot Non-Participating	4796698	444380
GSH2861	Vacant Lot Non-Participating	4796332	446814
GSH2862	Vacant Lot Non-Participating	4795546	446926
GSH2863	Vacant Lot Participating	4795176	446968
GSH2864	Vacant Lot Participating	4794947	447005
GSH2865	Vacant Lot Participating	4794743	447038
GSH2866	Vacant Lot Participating	4794527	447076
GSH2867	Vacant Lot Participating	4794872	445146
GSH2868	Vacant Lot Participating	4795341	445018
GSH2870	Vacant Lot Non-Participating	4794847	444900
GSH2871	Vacant Lot Non-Participating	4794785	444376
GSH2873	Vacant Lot Non-Participating	4795276	444871
GSH2874	Vacant Lot Non-Participating	4795587	444821
GSH2877	Vacant Lot Non-Participating	4793737	447192
GSH2878	Vacant Lot Participating	4793546	447213
GSH2879	Vacant Lot Non-Participating	4792930	446247
GSH2880	Vacant Lot Non-Participating	4793244	445300
GSH2881	Vacant Lot Participating	4794137	445181
GSH2885	Vacant Lot Participating	4792560	443361
GSH2886	Vacant Lot Participating	4792693	444414
GSH2887	Vacant Lot Non-Participating	4792776	445038
GSH2888	Vacant Lot Non-Participating	4792647	445096
GSH2889	Vacant Lot Non-Participating	4792655	445225
GSH2890	Vacant Lot Participating	4792472	445416
GSH2891	Vacant Lot Non-Participating	4792572	445416
GSH2892	Vacant Lot Non-Participating	4792618	445391
GSH2893	Vacant Lot Non-Participating	4792664	445374
GSH2894	Vacant Lot Non-Participating	4792714	445749
GSH2895	Vacant Lot Non-Participating	4792710	445406
GSH2896	Vacant Lot Non-Participating	4792824	445378

Receptor ID Number	Receptor Type	Easting	Northing
GSH2897	Vacant Lot Participating	4790890	446572
GSH2898	Vacant Lot Non-Participating	4792335	445212
GSH2902	Vacant Lot Participating	4791470	445437
GSH2903	Vacant Lot Non-Participating	4790638	444701
GSH2904	Vacant Lot Non-Participating	4791308	443528
GSH2905	Vacant Lot Non-Participating	4791507	443503
GSH2906	Vacant Lot Participating	4792373	443374
GSH2907	Vacant Lot Participating	4790892	447627
GSH2908	Vacant Lot Non-Participating	4790500	447675
GSH2909	Vacant Lot Non-Participating	4789766	445677
GSH2910	Vacant Lot Non-Participating	4789697	443618
GSH2911	Vacant Lot Non-Participating	4789831	441685
GSH2912	Vacant Lot Non-Participating	4789981	441656
GSH2913	Vacant Lot Participating	4790205	441635
GSH2914	Vacant Lot Non-Participating	4790393	442954
GSH2915	Vacant Lot Participating	4790651	441539
GSH2916	Vacant Lot Non-Participating	4788189	441865
GSH2917	Vacant Lot Non-Participating	4788169	441868
GSH2918	Vacant Lot Non-Participating	4788111	442118
GSH2919	Vacant Lot Non-Participating	4791133	443390
GSH2921	Vacant Lot Non-Participating	4791736	443291
GSH2922	Vacant Lot Participating	4792335	443187
GSH2923	Vacant Lot Non-Participating	4791004	441502
GSH2928	Vacant Lot Non-Participating	4792468	441119
GSH2929	Vacant Lot Non-Participating	4792285	441153
GSH2930	Vacant Lot Participating	4790176	441419
GSH2931	Vacant Lot Non-Participating	4790996	441315
GSH2932	Vacant Lot Non-Participating	4792654	441235
GSH2937	Vacant Lot Non-Participating	4799803	450657
GSH2938	Vacant Lot Non-Participating	4802214	446113
GSH2941	Vacant Lot Non-Participating	4789879	454021
GSH2945	Vacant Lot Participating	4794218	444970
GSH2947	Vacant Lot Non-Participating	4796643	455120
GSH2948	Vacant Lot Non-Participating	4798358	454876
GSH2949	Vacant Lot Non-Participating	4797688	451542
GSH2950	Vacant Lot Non-Participating	4793821	451374
GSH2951	Vacant Lot Non-Participating	4799506	450539
GSH2952	Vacant Lot Non-Participating	4787953	441637
GSH2953	Vacant Lot Non-Participating	4787934	441542
GSH2955	Vacant Lot Participating	4790935	447776
GSH2956	Vacant Lot Non-Participating	4789981	449997
GSH2957	Vacant Lot Non-Participating	4798017	453892
GSH2958	Vacant Lot Non-Participating	4799216	448696
GSH2959	Vacant Lot Non-Participating	4806090	451792
GSH2963	Vacant Lot Non-Participating	4794253	451445
GSH2966	Vacant Lot Non-Participating	4796108	455190
GSH2967	Vacant Lot Non-Participating	4794098	454736
GSH2968	Vacant Lot Non-Participating	4794104	454781
GSH2969	Vacant Lot Non-Participating	4794104	454824
GSH2970	Vacant Lot Non-Participating	4794114	454871
GSH2971	Vacant Lot Non-Participating	4794130	455001
GSH2972	Vacant Lot Non-Participating	4794143	455133
GSH2973	Vacant Lot Non-Participating	4794154	455234
GSH2974	Vacant Lot Non-Participating	4794157	455276
GSH2975	Vacant Lot Non-Participating	4794165	455313
GSH2976	Vacant Lot Non-Participating	4794223	455345
GSH2977	Vacant Lot Non-Participating	4794543	455467
GSH2978	Vacant Lot Non-Participating	4794421	455487
GSH2979	Vacant Lot Non-Participating	4794392	455492



Receptor ID Number	Receptor Type	Easting	Northing
GSH2980	Vacant Lot Non-Participating	4794365	455498
GSH2981	Vacant Lot Non-Participating	4794349	455500
GSH2982	Vacant Lot Non-Participating	4794323	455504
GSH2983	Vacant Lot Non-Participating	4794299	455505
GSH2984	Vacant Lot Non-Participating	4794277	455509
GSH2985	Vacant Lot Non-Participating	4794261	455512
GSH2986	Vacant Lot Non-Participating	4794241	455513
GSH2987	Vacant Lot Non-Participating	4794183	455525
GSH2988	Vacant Lot Non-Participating	4794176	455480
GSH2989	Vacant Lot Non-Participating	4794175	455463
GSH2990	Vacant Lot Non-Participating	4794172	455446
GSH2991	Vacant Lot Non-Participating	4794245	455433
GSH2992	Vacant Lot Non-Participating	4794269	455432
GSH2993	Vacant Lot Non-Participating	4794304	455427
GSH2994	Vacant Lot Non-Participating	4794133	455505
GSH2995	Vacant Lot Non-Participating	4794060	455543
GSH2996	Vacant Lot Non-Participating	4794037	455547
GSH2997	Vacant Lot Non-Participating	4794014	455551
GSH2998	Vacant Lot Non-Participating	4793986	455555
GSH2999	Vacant Lot Non-Participating	4794134	455490
GSH3000	Vacant Lot Non-Participating	4794133	455470
GSH3001	Vacant Lot Non-Participating	4794126	455420
GSH3002	Vacant Lot Non-Participating	4794122	455380
GSH3003	Vacant Lot Non-Participating	4794118	455351
GSH3004	Vacant Lot Non-Participating	4794106	455321
GSH3005	Vacant Lot Non-Participating	4794101	455297
GSH3006	Vacant Lot Non-Participating	4794096	455272
GSH3007	Vacant Lot Participating	4792852	451623
GSH3008	Vacant Lot Non-Participating	4795962	453149
GSH3009	Vacant Lot Non-Participating	4798145	450855
GSH3010	Vacant Lot Non-Participating	4799796	451808
GSH3011	Vacant Lot Non-Participating	4789373	450831
GSH3012	Vacant Lot Non-Participating	4789310	450148
GSH3013	Vacant Lot Non-Participating	4789434	450047
GSH3014	Vacant Lot Non-Participating	4789470	450039
GSH3015	Vacant Lot Non-Participating	4789521	450032
GSH3016	Vacant Lot Non-Participating	4789254	450006
GSH3017	Vacant Lot Non-Participating	4789249	449974
GSH3018	Vacant Lot Non-Participating	4789242	449942
GSH3019	Vacant Lot Non-Participating	4789238	449913
GSH3020	Vacant Lot Non-Participating	4789295	450003
GSH3021	Vacant Lot Non-Participating	4789222	449794
GSH3022	Vacant Lot Non-Participating	4792982	451509
GSH3023	Vacant Lot Non-Participating	4789175	449300
GSH3025	Vacant Lot Non-Participating	4790250	447720
GSH3026	Vacant Lot Non-Participating	4792695	445619
GSH3027	Vacant Lot Non-Participating	4792725	445540
GSH3028	Vacant Lot Non-Participating	4792721	445482
GSH3029	Vacant Lot Non-Participating	4792721	445435
GSH3030	Vacant Lot Non-Participating	4792800	445559
GSH3031	Vacant Lot Non-Participating	4792796	445514
GSH3032	Vacant Lot Non-Participating	4792790	445483
GSH3033	Vacant Lot Non-Participating	4792783	445444
GSH3034	Vacant Lot Non-Participating	4792771	445381
GSH3035	Vacant Lot Non-Participating	4792759	445339
GSH3036	Vacant Lot Non-Participating	4792814	445331
GSH3037	Vacant Lot Non-Participating	4792810	445279
GSH3038	Vacant Lot Non-Participating	4792752	445291
GSH3039	Vacant Lot Non-Participating	4792738	445187

Receptor ID Number	Receptor Type	Easting	Northing
GSH3040	Vacant Lot Non-Participating	4792735	445103
GSH3041	Vacant Lot Non-Participating	4792656	445033
GSH3042	Vacant Lot Non-Participating	4792673	445141
GSH3043	Vacant Lot Non-Participating	4792699	445298
GSH3044	Vacant Lot Non-Participating	4792625	445309
GSH3045	Vacant Lot Non-Participating	4792536	445321
GSH3046	Vacant Lot Non-Participating	4792459	445333
GSH3047	Vacant Lot Non-Participating	4792354	445350
GSH3048	Vacant Lot Non-Participating	4792327	445353
GSH3049	Vacant Lot Non-Participating	4792383	445401
GSH3050	Vacant Lot Non-Participating	4792881	445326
GSH3051	Vacant Lot Non-Participating	4796960	446180
GSH3067	Vacant Lot Non-Participating	4788022	441275
GSH3068	Vacant Lot Non-Participating	4789583	438962
GSH3069	Vacant Lot Participating	4790133	441504
GSH3080	Vacant Lot Non-Participating	4806178	447537
GSH3082	Vacant Lot Non-Participating	4804227	445704
GSH3084	Vacant Lot Participating	4801796	448237
GSH3085	Vacant Lot Non-Participating	4800680	446184
GSH3087	Vacant Lot Non-Participating	4799428	448035
GSH3398	Vacant Lot Non-Participating	4803837	445751
GSH329	Non-Participating	4797579	446629
GSH330	Non-Participating	4797565	446745
GSH332	Non-Participating	4797288	446791
GSH335	Non-Participating	4797100	446801
GSH337	Non-Participating	4796983	446917
GSH342	Non-Participating	4796597	446758
GSH344	Non-Participating	4796191	446860
GSH347	Participating	4796046	447126
GSH350	Non-Participating	4795634	446911
GSH354	Participating	4795874	447050
GSH358	Non-Participating	4794355	447121
GSH365	Non-Participating	4793902	447206
GSH366	Non-Participating	4793656	447368
GSH370	Non-Participating	4793224	447294
GSH371	Non-Participating	4792987	447223
GSH380	Non-Participating	4791410	447548
GSH382	Non-Participating	4791043	447606
GSH385	Non-Participating	4790558	447885
GSH388	Non-Participating	4788916	447354
GSH393	Non-Participating	4788826	446788
GSH395	Non-Participating	4788902	448464
GSH401	Non-Participating	4789182	448821
GSH402	Non-Participating	4789013	448706
GSH42	Non-Participating	4787164	435880
GSH43	Non-Participating	4787195	435890
GSH44	Non-Participating	4787234	435919
GSH456	Non-Participating	4789646	445858
GSH47	Non-Participating	4787163	435823
GSH470	Non-Participating	4790039	445625
GSH474	Non-Participating	4790142	445741
GSH475	Non-Participating	4790613	445532
GSH479	Non-Participating	4790920	445542
GSH481	Non-Participating	4791311	445500
GSH482	Participating	4791230	445658
GSH495	Non-Participating	4791940	445487
GSH50	Non-Participating	4787584	435804
GSH504	Participating	4792102	445476
GSH505	Participating	4792094	445370

Receptor ID Number	Receptor Type	Easting	Northing
GSH507	Non-Participating	4792202	445354
GSH508	Non-Participating	4792198	445321
GSH509	Non-Participating	4792822	445698
GSH51	Non-Participating	4787456	435974
GSH512	Non-Participating	4793124	445216
GSH513	Non-Participating	4793008	445320
GSH52	Non-Participating	4787481	435980
GSH521	Non-Participating	4793358	445162
GSH522	Non-Participating	4793796	445102
GSH523	Non-Participating	4793778	445244
GSH524	Non-Participating	4793737	445268
GSH533	Non-Participating	4794251	445158
GSH537	Non-Participating	4794547	445127
GSH539	Non-Participating	4794507	445006
GSH54	Non-Participating	4787567	436116
GSH541	Non-Participating	4795496	444946
GSH544	Non-Participating	4796014	444765
GSH549	Participating	4795827	444903
GSH550	Non-Participating	4796385	444751
GSH553	Non-Participating	4796297	444852
GSH556	Non-Participating	4796584	444800
GSH559	Non-Participating	4796896	444673
GSH56	Non-Participating	4787609	436220
GSH563	Non-Participating	4796844	445345
GSH564	Non-Participating	4797953	444506
GSH567	Non-Participating	4798053	444605
GSH568	Non-Participating	4797735	444626
GSH57	Non-Participating	4787656	436266
GSH61	Non-Participating	4787821	436378
GSH64	Non-Participating	4788408	436562
GSH65	Non-Participating	4788596	436572
GSH70	Non-Participating	4788807	436664
GSH73	Non-Participating	4789096	436756
GSH759	Participating	4788974	439153
GSH769	Non-Participating	4788402	439554
GSH77	Non-Participating	4789554	436868
GSH771	Participating	4787986	439692
GSH772	Non-Participating	4787271	439315
GSH78	Non-Participating	4789928	436577
GSH782	Non-Participating	4787786	439723
GSH784	Non-Participating	4787697	439779
GSH785	Non-Participating	4787833	440033
GSH791	Non-Participating	4787786	440415
GSH792	Non-Participating	4787826	440700
GSH797	Participating	4789871	439548
GSH801	Non-Participating	4791109	439036
GSH802	Non-Participating	4790837	439353
GSH803	Non-Participating	4790850	439378
GSH807	Non-Participating	4791426	439500
GSH811	Non-Participating	4791841	439014
GSH82	Non-Participating	4790173	437059
GSH821	Non-Participating	4792115	439541
GSH83	Non-Participating	4790318	437095
GSH84	Non-Participating	4790351	437088
GSH85	Non-Participating	4790357	437079
GSH851	Non-Participating	4793142	441384
GSH854	Non-Participating	4793130	441042
GSH862	Non-Participating	4793563	441673
GSH864	Non-Participating	4793548	441678

Receptor ID Number	Receptor Type	Easting	Northing
GSH865	Non-Participating	4792734	440955
GSH87	Non-Participating	4790664	437216
GSH871	Non-Participating	4792345	441292
GSH874	Non-Participating	4792035	441208
GSH879	Non-Participating	4791860	441161
GSH88	Non-Participating	4790656	437402
GSH880	Participating	4791958	441343
GSH885	Non-Participating	4791607	441225
GSH888	Participating	4791444	441465
GSH890	Non-Participating	4790705	441332
GSH891	Participating	4790753	441507
GSH895	Non-Participating	4790518	441394
GSH896	Non-Participating	4790457	441587
GSH898	Non-Participating	4790069	441597
GSH900	Non-Participating	4789804	441483
GSH904	Non-Participating	4789473	441473
GSH906	Non-Participating	4789566	441663
GSH909	Non-Participating	4789334	441705
GSH911	Non-Participating	4789162	441754
GSH918	Non-Participating	4788992	441334
GSH92	Non-Participating	4791235	437475
GSH936	Non-Participating	4788459	441612
GSH937	Non-Participating	4788441	441825
GSH3399	Vacant Lot Non-Participating	4789830	436185
GSH3400	Vacant Lot Non-Participating	4787024	437741
GSH3401	Vacant Lot Non-Participating	4786994	437870
GSH3402	Vacant Lot Non-Participating	4786901	437715
GSH3403	Vacant Lot Non-Participating	4786862	437841
GSH3404	Vacant Lot Non-Participating	4787060	439851
GSH3405	Vacant Lot Non-Participating	4786733	439898
GSH3406	Vacant Lot Non-Participating	4786686	439998
GSH3407	Vacant Lot Non-Participating	4787679	439876
GSH3408	Vacant Lot Non-Participating	4787857	440998
GSH3409	Vacant Lot Non-Participating	4789232	450475
GSH3410	Vacant Lot Non-Participating	4789250	450620
GSH3411	Non-Participating	4789177	450302
GSH3412	Non-Participating	4789160	450276
GSH3413	Non-Participating	4789206	450217
GSH3414	Vacant Lot Non-Participating	4789644	453477
GSH3415	Vacant Lot Non-Participating	4792369	455905
GSH3416	Vacant Lot Non-Participating	4793054	455778
GSH3417	Vacant Lot Non-Participating	4793448	455706
GSH3418	Vacant Lot Non-Participating	4793887	455626
GSH3419	Non-Participating	4793984	455606
GSH3420	Non-Participating	4794012	455605
GSH3421	Non-Participating	4794036	455588
GSH3422	Non-Participating	4794054	455589
GSH3423	Non-Participating	4794070	455586
GSH3424	Non-Participating	4794089	455579
GSH3425	Non-Participating	4794109	455577
GSH3426	Non-Participating	4794130	455576
GSH3427	Non-Participating	4794151	455602
GSH3428	Non-Participating	4794150	455626
GSH3429	Non-Participating	4794123	455648
GSH3430	Non-Participating	4794153	455657
GSH3431	Non-Participating	4794158	455687
GSH3432	Non-Participating	4794165	455704
GSH3433	Non-Participating	4794165	455717
GSH3434	Non-Participating	4794167	455729

Receptor ID Number	Receptor Type	Easting	Northing
GSH3435	Non-Participating	4794173	455741
GSH3436	Non-Participating	4794174	455783
GSH3437	Non-Participating	4794177	455811
GSH3438	Non-Participating	4794180	455822
GSH3439	Non-Participating	4794186	455841
GSH3440	Non-Participating	4794176	455880
GSH3441	Non-Participating	4794174	455923
GSH3442	Non-Participating	4794273	456126
GSH3443	Non-Participating	4794258	456047
GSH3444	Non-Participating	4794258	456026
GSH3445	Non-Participating	4794252	455989
GSH3446	Non-Participating	4794246	455967
GSH3447	Non-Participating	4794239	455921
GSH3448	Non-Participating	4794235	455903
GSH3449	Non-Participating	4794258	455871
GSH3450	Non-Participating	4794246	455843
GSH3451	Non-Participating	4794294	455853
GSH3452	Non-Participating	4794293	455904
GSH3453	Non-Participating	4794300	455948
GSH3454	Non-Participating	4794303	455989
GSH3455	Non-Participating	4794304	456015
GSH3456	Non-Participating	4794206	455686
GSH3457	Non-Participating	4794206	455666
GSH3458	Non-Participating	4794198	455647
GSH3459	Non-Participating	4794193	455606
GSH3460	Non-Participating	4794216	455569
GSH3461	Non-Participating	4794237	455559
GSH3462	Non-Participating	4794269	455566
GSH3463	Non-Participating	4794288	455559
GSH3464	Non-Participating	4794304	455557
GSH3465	Non-Participating	4794320	455550
GSH3466	Non-Participating	4794339	455546
GSH3467	Non-Participating	4794364	455545
GSH3468	Non-Participating	4794389	455540
GSH3469	Non-Participating	4794408	455537
GSH3470	Non-Participating	4794430	455537
GSH3471	Non-Participating	4794457	455535
GSH3472	Non-Participating	4794480	455530
GSH3473	Non-Participating	4794510	455535
GSH3474	Non-Participating	4794546	455527
GSH3475	Non-Participating	4794568	455522
GSH3476	Vacant Lot Non-Participating	4794181	455965
GSH3477	Vacant Lot Non-Participating	4794154	455981
GSH3478	Vacant Lot Non-Participating	4796672	455293
GSH3479	Vacant Lot Non-Participating	4797499	455144
GSH3480	Vacant Lot Non-Participating	4798115	455066
GSH3481	Vacant Lot Non-Participating	4798338	455419
GSH3482	Vacant Lot Non-Participating	4800175	454784
GSH3483	Vacant Lot Non-Participating	4800436	455363

Note: All co-ordinates are provided in NAD 83 Zone 17

# Appendix D

## Revised Noise Assessment Report

Goshen Wind, Inc.

## **Goshen Wind Energy Centre – Revised Noise Assessment Report**

**Prepared by:**

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**Date:**

November, 2013

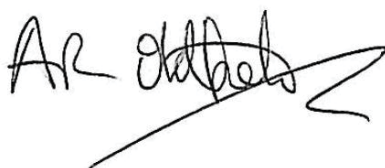
# AECOM Signatures



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## Appendices

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- Appendix B. Equipment Noise Emission Data and Calculations
- Appendix C. Noise Contour Maps
- Appendix D. Sample Calculations
- Appendix E. Linear (Unweighted) Turbine Sound Power Levels

## 1. Introduction

Goshen Wind, Inc., a wholly owned subsidiary of NextEra Energy Canada, ULC (NextEra), is proposing to construct a wind energy centre project in the Municipalities of Bluewater and South Huron in Huron County, Ontario. The project will be referred to as the Goshen Wind Energy Centre (the “Project”).

This report has been prepared in accordance with the Ontario Ministry of the Environment (MOE) guideline “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities” (October 2008). This report will form part of the Renewable Energy Approval (REA) application for the Project as required under Ontario Regulation 359/09.

## 2. Project Layout

Approval is being sought for 70 wind turbine locations, 69 of which are rated at 1.6 Megawatts maximum generation capacity and one rated at 1.56 Megawatts maximum generation capacity. However, only 63 of the wind turbines will ultimately be constructed in order to achieve the Project nameplate generation target of up to 102 Megawatts. All of the wind turbines will feed into a centrally located transformer substation.

The proposed Project is located in Huron County, within the Municipalities of Bluewater and South Huron. The Project Study Area consists of the areas being studied for the wind farm components (Wind Energy Centre Study Area), as well as for the interconnection route (i.e., the area being studied for transmission lines to connect the Project to the electrical grid) (Transmission Line Study Area). The Wind Energy Centre Study Area is generally bounded by Klondyke Road to the west, Rogerville Road to the north, Parr Line to the east, and Mount Carmel Drive to the south, in the Municipalities of Bluewater and South Huron. The Transmission Line Study Area is located to the east of the Wind Energy Centre Study Area, and is generally bounded by Parr Line to the west, Thames Road to the north, Perth 164 Road to the east, and Park Road to the south, extending into the Municipality of South Huron.

The location of the Project Study Area was defined early in the planning process for the proposed wind energy facility, based on the availability of wind resources, approximate area required for the proposed project, and availability of existing infrastructure for connection to the electrical grid. The Project Study Area was used to facilitate information collection.

A figure showing the project location, wind turbine layout and transformer location is provided in **Appendix A**.

## 3. Noise Assessment Guideline

Part V.0.1 of the Ontario Environmental Protection Act R.S.O. 1990 (EPA) addresses the approvals process required for renewable energy projects and Ontario Regulation 359/09 outlines the specific requirements for obtaining a Renewable Energy Approval (REA) from the MOE.

As required by O.Reg. 359/09, noise from wind farm projects requiring approval within Ontario are assessed using the MOE guideline: “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities” (PIBS 4709e, October 2008). This guideline sets the definitions, assessment procedures and noise level limits for noise assessments of wind farm projects.

The project area is best defined as Class 3 rural, as per MOE Publication 4709e. A Class 3 Area is defined as “a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as the following: a small community with less than 1000 population; agricultural area; a rural recreational area such as a cottage or a resort area; or a wilderness area.” The MOE noise level limits, at integer wind speeds, for points of reception are summarized in **Table 1** below.

**Table 1. Noise Level Limits for Wind Turbines**

Point of Reception Classifications	1-hr $L_{eq}$ Sound Level Limit (dB(A)) at 10 m height Wind Speeds (m/s)				
	Less than or equal to 6 m/s	7 m/s	8 m/s	9 m/s	Greater than or equal to 10 m/s
<b>Class 1 &amp; 2 Areas</b>	45.0	45.0	45.0	49.0	51.0
<b>Class 3 Areas</b>	40.0	43.0	45.0	49.0	51.0

## 4. Noise Sources

**Table 6** and **Table 7** of Section 9 provide the co-ordinates of all noise sources considered in the noise impact analysis and assessment.

### 4.1 Wind Turbine Noise Sources

There are two wind turbine models proposed for this project. These are the following:

- 69 General Electric model GE 1.6-100 turbines with Low-Noise Trailing Edges (LNTE).
  - Hub height of 80 metres
  - Rotor diameter of 100 metres
  - Maximum generation capacity of 1.6 Megawatts
- One General Electric model GE 1.56-100 turbine.
  - Hub height of 80 metres
  - Rotor diameter of 100 metres
  - Maximum generation capacity of 1.56 Megawatts

Manufacturers’ noise data for the wind turbine models are summarized in **Table 4** of Section 9 and the original manufacturer’s datasheets are provided in **Appendix B**. The noise datasheets provided have been prepared and reported in accordance with IEC 61400-11 (equivalent to CAN/CSA-C61400-11). The calculations used to adjust for site specific wind shear are also presented in **Appendix B**.

The MOE requires that the cumulative noise impact of existing or proposed<sup>1</sup> wind farms also be included in the noise impact analysis. To that end all existing or proposed wind turbines within 5 kilometres of the Project were included in the noise impact analysis. There are two facilities which meet this description. They are:

- The Zurich Wind Farm
  - Existing wind turbine installation
  - Consists of one Enercon E-48 model turbine with a rated generation capacity of 800 kilowatts.

1. Based on MOE guidelines, proposed projects which have not yet published a site plan have not been accounted for in the noise impact analysis.

- Grand Bend Wind Farm
  - Proposed wind turbine installations
  - Consists of the following turbines:
    - 2 Siemens SWT-2.3-113 1824 kW wind turbines
    - 1 Siemens SWT-2.3-113 1903 kW wind turbine
    - 13 Siemens SWT-2.3-113 2030 kW wind turbines
    - 15 Siemens SWT-2.3-113 2126 kW wind turbines
    - 10 Siemens SWT-2.3-113 2221 kW wind turbines
    - 7 Siemens SWT-2.3-113 2.3 MW wind turbines

While the Grand Bend Wind Farm provides two locations as alternate/backup locations, all proposed locations from the Grand Bend Wind Farm Draft Site Plan Report, dated April 18 2012, have been included in this noise assessment.

Manufacturer's noise data for all assessed wind turbines (those proposed Goshen Wind Energy Centre, and other existing/ planned facilities) are summarized in **Table 4** of Section 9 and the original manufacturers' datasheets is provided in **Appendix B**. The noise datasheets have been prepared and reported in accordance with IEC 61400-11 (equivalent to CAN/CSA-C61400-11). The calculations used to adjust for site specific wind shear are also presented in **Appendix B**.

## 4.2 Wind Turbine Transformer Noise Sources

The electricity generated by the Goshen Wind Energy Centre will be collected at a central transformer substation. The performance specification of the transformer will require that the noise emissions be measured in accordance with ANSI/IEEE C57.12.90 at the highest (MVA) rating with all fans in operation and at the tap position that creates the highest current. The proposed transformer for the Project is a 51/68/85 MVA Prolec GE transformer.

The performance specification will require that the average sound pressure level measured in accordance with ANSI/IEEE C57.12.90 shall not exceed 75 dB(A) over the measurement surface (as defined in the ANSI/IEEE standard).

In the event of a transformer failure, a spare transformer will be installed at the same location as this transformer. This transformer will be a 102/136/170 MVA Prolec GE transformer. The performance specification for the spare transformer will require that the average sound pressure level measured in accordance with ANSI/IEEE C57.12.90 shall not exceed 75 dB(A) over the measurement surface (as defined in the ANSI/IEEE standard).

As the spare transformer will be larger than the transformer used in normal operations, this transformer will have higher noise emissions. Therefore, the spare transformer has been used as the basis for this impact assessment.

An estimate of the noise emissions expected from the transformer is provided in **Table 5**. **Appendix B** includes a detailed calculation to support the transformer emission estimate. Note that a 5dB penalty has been added to the transformer emission level in the noise prediction modelling as per the requirements of PIBS 4709e.

The transformer will be installed on a concrete pad and surrounded by gravel. In order to include the effect of reduced absorption in the source zone (as defined by ISO 9613-2), the following reductions in ground absorption have been made for this source (compared to the levels given in *Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities*):

- Source zone ground absorption  $G_s$ , reduced from 1.0 to 0.0
- Receiver zone ground absorption  $G_r$ , unchanged at 0.5
- Middle zone ground absorption,  $G_m$ , unchanged at 0.8

These changes have been implemented for the closest non-participating receptor to the transformer. The transformer will have a 2.5 metre high noise barrier on the east, south and west sides of the Project transformer substation. The noise barrier should have an absorptive surface on the side facing the transformer with a minimum Noise Reduction Coefficient (NRC) of 0.8. The noise barrier should have a minimum surface density of 20 kg/m<sup>2</sup> or a minimum Sound Transmission Class (STC) of STC32 and should not have any gaps or cracks. The co-ordinates of the transformer, as well as end-points and corners of the noise barrier are provided in **Table 2**.

Additionally, a transformer is planned as part of the Grand Bend Wind Farm. Co-ordinates for this transformer and its associated noise barrier are provided in **Table 2**.

**Table 2. Transformer and Associated Noise Barrier Locations**

Identifier	Project	Equipment Make & Model	UTM Co-ordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
G_Trans	Goshen	Prolec GE 102/136/170 MVA	454556	4794883	—
Noise Barrier	Goshen	—	454560	4797883	East endpoint
Noise Barrier	Goshen	—	454560	4794878	South/east intersection
Noise Barrier	Goshen	—	454550	4794878	South/west intersection
Noise Barrier	Goshen	—	454550	4797883	West endpoint
GB_Trans	Grand Bend Wind Farm	Prolec GE 125 MVA	446781	4804790	—
Noise Barrier	Grand Bend Wind Farm	—	446789	4804798	East endpoint
Noise Barrier	Grand Bend Wind Farm	—	446773	4804798	West endpoint

## 5. Points of Reception

The Noise Impact Summary Table, provided in Section 9, lists all of the points of reception within 2000 metres of the Project turbines and the associated co-ordinates as per Section 6.1 d) of the MOE noise guideline (PIBS 4709e). The points of reception have been classified into four different categories which are outlined in **Table 3**, below.

**Table 3. Point of Reception Classifications**

Class	Description	Quantity	Remarks
NP	Non-participating	477	MOE Limits Apply
PR	Participating	51	MOE Limits Do Not Apply
VNP	Vacant Lot Non-participating	406	MOE Limits Apply
VPR	Vacant Lot Participating	57	MOE Limits Do Not Apply

The classifications NP and VNP are both non-participating and are subject to the noise level limits outlined in the MOE noise guideline (PIBS 4709e, see **Table 1**).

The classifications PR and VPR are both participating and are not subject to the noise level limits outlined in the MOE noise guideline. Participating points of reception are associated with the wind farm development via a legal agreement with the owner of the subject property, to allow the installation and operation of wind turbines or related equipment.

## 6. Detailed Noise Impact Assessment

The noise impact analysis for the Project was completed using the Cadna/A environmental noise modelling software. The noise modelling was conducted in accordance with the international standard ISO 9613-2. The noise predictions were calculated using downwind propagation from each source to each point of reception. This method produces a theoretical worst case prediction at each point of reception. The noise impact calculations were completed using octave band spectral values in the range of 63 to 8000Hz for each integer 10 metre height wind speed from 6 to 10 m/s.

The noise model was configured to calculate the resultant noise impact at each point of reception within 1,500 metres of the Project turbines as per Sections 6.3 and 6.4.1 of the MOE noise guideline (PIBS 4709e). The contribution of each noise source located within 5000 metres from each point of reception was included in the noise impact calculation according to Section 6.4.9 of PIBS 4709e. The air attenuation and ground attenuation calculation within the model were configured according to Section 6.4.10 of PIBS 4709e.

The noise impact at each point of reception, for each integer 10 metre height wind speed from 6 to 10 m/s, is presented in the Noise Impact Table (Section 9). All of the noise predictions were completed in accordance with the detailed requirements of the MOE noise guideline (PIBS 4709e).

## 7. Results and Compliance

The results of the noise modelling in The Noise Impact Table (Appendix A) show that the Project is predicted to operate in compliance with the MOE noise level limits at all points of reception within 1500 metres of the Project turbines. Appendix C includes noise contour maps for each integer 10 metre height wind speed from 6 to 10 m/s and a sample calculation is provided in Appendix D.

Provided the noise mitigation described in Section 4.2 is implemented, the Project is predicted to comply with the MOE sound level limits for Wind Turbines in Class 3 areas for all of the non-participating (NP) and vacant lot non-participating (VNP) points of reception assessed.

## 8. References

The following references were used in the preparation of this report:

- PIBS 4709e, “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities”, Ontario Ministry of the Environment, Queens Printer for Ontario, October 2008.
- IEC 61400-11, “Wind turbine generator systems – Part 11: Acoustic noise measurement techniques”, International Electrotechnical Commission, 2006.
- ANSI/IEEE C57.12.90, “Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers”, Institute of Electrical and Electronics Engineers, Inc.

## 9. Summary Tables

**Table 4. Wind Turbine Acoustic Emission Summary Tables**

Tables are provided with A-weighted octave band sound power levels in order to be consistent with manufacturer supplied data. Manufacturer supplied data provides all octave band sound power levels in A-weighted levels. The below tables are replicated in **Appendix E** as linear (unweighted) octave band levels. Please note that the levels shown in **Appendix E** are equivalent to the levels presented in the following tables.

**Table 4-A. General Electric Model 1.6-100 LNTE**

Associated Project: <b>Goshen Wind Energy Centre</b>											
Make: <b>General Electric</b>											
Model: <b>GE 1.6-100 LNTE</b>											
Electrical Rating: <b>1.6 Megawatts</b>											
Hub Height (m): <b>80 metres</b>											
Wind Shear Coefficient: <b>0.29</b>											
Source of Data: <b>Provided by General Electric (Appendix B)</b>											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 m Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	80.3	84.0	84.1	84.1	84.0	84.1	84.0	84.0	84.0	84.0
	125	88.4	91.6	91.8	91.8	91.7	91.8	91.7	91.7	91.7	91.7
	250	94.7	95.4	95.3	95.4	95.5	95.3	95.5	95.5	95.5	95.5
	500	95.5	97.1	96.6	96.7	97.0	96.6	97.0	97.0	97.0	97.0
	1000	91.8	97.1	97.5	97.6	97.8	97.5	97.8	97.8	97.8	97.8
	2000	92.4	95.7	95.7	95.5	95.1	95.7	95.1	95.1	95.1	95.1
	4000	88.9	89.7	89.1	88.4	87.9	89.1	87.9	87.9	87.9	87.9
8000	70.3	70.4	70.6	69.4	69.1	70.6	69.1	69.1	69.1	69.1	
Overall A-weighted		100.4	100.5	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0

**Table 4-B. General Electric Model 1.56-100**

Associated Project: <b>Goshen Wind Energy Centre</b>											
Make: <b>General Electric</b>											
Model: <b>GE 1.56-100</b>											
Electrical Rating: <b>1.56 Megawatts</b>											
Hub Height (m): <b>80 metres</b>											
Wind Shear Coefficient: <b>0.29</b>											
Source of Data: <b>Provided by General Electric (Appendix B)</b>											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 m Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	86.2	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	125	90.1	94.2	94.8	94.9	94.8	94.8	94.9	94.8	94.8	94.8
	250	91.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	500	94.6	95.7	94.6	94.5	94.5	94.6	94.5	94.5	94.5	94.5
	1000	95.2	99.6	99.1	98.9	98.8	99.1	98.9	98.8	98.8	98.8
	2000	91.3	97.2	98.0	98.1	98.2	98.0	98.1	98.2	98.2	98.2
	4000	84.6	88.4	88.8	89.2	89.5	88.8	89.2	89.5	89.5	89.5
8000	68.0	71.1	71.2	70.7	70.5	71.2	70.7	70.5	70.5	70.5	
Overall A-weighted		100.3	100.4	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0

**Table 4-C. ENERCON Model E-48**

Associated Project: <b>Zurich Wind Project</b>											
Make: <b>ENERCON</b>											
Model: <b>E-48</b>											
Electrical Rating: <b>800 kilowatts</b>											
Hub Height (m): <b>76 metres</b>											
Wind Shear Coefficient: <b>0.29</b>											
Source of Data: <b>Provided by ENERCON (Appendix B)</b>											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	79.5	81.6	79.6	79.8	78.6	79.6	78.6	78.6	78.6	78.6
	125	83.6	86.3	86.0	87.3	84.4	86.0	84.4	84.4	84.4	84.4
	250	90.5	93.8	95.1	96.1	93.3	95.1	93.3	93.3	93.3	93.3
	500	92.8	95.7	97.1	97.5	96.8	97.1	96.8	96.8	96.8	96.8
	1000	92.6	94.1	95.5	95.1	97.9	95.5	97.9	97.9	97.9	97.9
	2000	87.4	89.0	89.1	90.0	92.7	89.1	92.7	92.7	92.7	92.7
	4000	83.6	86.1	85.8	88.8	87.6	85.8	87.6	87.6	87.6	87.6
8000	80.2	83.6	83.6	87.1	84.6	83.6	84.6	84.6	84.6	84.6	
Overall A-weighted		97.8	100.3	101.4	102.0	102.1	101.4	102.0	102.1	102.1	102.1

**Table 4-D. Siemens SWT-2.3-113 Max Power 1824 kW**

Associated Project: <b>Grand Bend Wind Farm</b>											
Make: <b>Siemens</b>											
Model: <b>SWT-2.3-113</b>											
Electrical Rating: <b>1824 kilowatts</b>											
Hub Height (m): <b>99.5 metres</b>											
Wind Shear Coefficient: <b>0.29</b>											
Source of Data: <b>Provided by Siemens (Appendix B)</b>											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	83.9	83.3	82.7	82.8	82.5	83.3	82.8	82.5	82.5	82.5
	125	89.4	88.2	87.3	86.8	95.9	88.2	86.8	85.9	85.9	85.9
	250	94.0	93.1	92.8	92.2	91.4	93.1	92.2	91.4	91.4	91.4
	500	92.1	92.4	92.9	92.7	92.4	92.4	92.7	92.4	92.4	92.4
	1000	94.1	94.5	94.1	94.0	94.3	94.5	94.0	94.3	94.3	94.3
	2000	92.9	93.2	93.3	93.5	94.0	93.2	93.5	94.0	94.0	94.0
	4000	83.5	86.2	88.2	90.1	90.3	86.2	90.1	90.3	90.3	90.3
8000	66.7	69.9	72.1	72.1	72.0	69.9	72.1	72.0	72.0	72.0	
Overall A-weighted		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0



**Table 4-E. Siemens SWT-2.3-113 Max Power 1903 kW**

Associated Project: **Grand Bend Wind Farm**  
 Make: **Siemens**  
 Model: **SWT-2.3-113**  
 Electrical Rating: **1903 kilowatts**  
 Hub Height (m): **99.5 metres**  
 Wind Shear Coefficient: **0.29**  
 Source of Data: **Provided by Siemens (Appendix B)**

		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.1	83.5	82.9	83.0	82.7	83.5	83.0	82.7	82.7	82.7
	125	89.8	88.6	87.7	87.2	86.3	88.6	87.2	86.3	86.3	86.3
	250	95.2	94.4	94.0	93.4	92.6	94.4	93.4	92.6	92.6	92.6
	500	93.6	93.9	94.2	94.0	93.7	93.9	94.0	93.7	93.7	93.7
	1000	95.0	95.4	95.1	95.0	95.3	95.4	95.0	95.3	95.3	95.3
	2000	93.6	94.0	94.3	94.5	95.0	94.0	94.5	95.0	95.0	95.0
	4000	83.6	86.7	88.8	90.7	90.8	86.7	90.7	90.8	90.8	90.8
	8000	66.7	70.3	72.6	72.6	72.5	70.3	72.6	72.5	72.5	72.5
<b>Overall A-weighted</b>		101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0

**Table 4-F. Siemens SWT-2.3-113 Max Power 2030 kW**

Associated Project: **Grand Bend Wind Farm**  
 Make: **Siemens**  
 Model: **SWT-2.3-113**  
 Electrical Rating: **2030 kilowatts**  
 Hub Height (m): **99.5 metres**  
 Wind Shear Coefficient: **0.29**  
 Source of Data: **Provided by Siemens (Appendix B)**

		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.3	83.6	83.1	83.2	82.9	83.6	83.2	82.9	82.9	82.9
	125	90.2	89.0	88.1	87.6	86.7	89.0	87.6	86.7	86.7	86.7
	250	96.4	95.5	95.1	94.5	93.8	95.5	94.5	93.8	93.8	93.8
	500	95.2	95.5	95.5	95.3	95.1	95.5	95.3	95.1	95.1	95.1
	1000	96.0	96.3	96.1	96.0	96.3	96.3	96.0	96.3	96.3	96.3
	2000	94.4	94.7	95.2	95.4	95.9	94.7	95.4	95.9	95.9	95.9
	4000	83.8	87.0	89.3	91.2	91.4	87.0	91.2	91.4	91.4	91.4
	8000	66.9	70.7	73.1	73.1	73.0	70.7	73.1	73.0	73.0	73.0
<b>Overall A-weighted</b>		102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0

**Table 4-G. Siemens SWT-2.3-113 Max Power 2126 kW**

Associated Project: **Grand Bend Wind Farm**  
 Make: **Siemens**  
 Model: **SWT-2.3-113**  
 Electrical Rating: **2126 kilowatts**  
 Hub Height (m): **99.5 metres**  
 Wind Shear Coefficient: **0.29**  
 Source of Data: **Provided by Siemens (Appendix B)**

		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.6	83.9	83.3	83.4	83.2	83.9	83.4	83.2	83.2	83.2
	125	90.6	89.3	88.5	88.0	87.2	89.3	88.0	87.2	87.2	87.2
	250	97	96.3	96.3	95.7	95.0	96.3	95.7	95.0	95.0	95.0
	500	96.7	96.9	97.0	96.9	96.6	96.9	96.9	96.6	96.6	96.6
	1000	97.4	97.7	97.0	97.0	97.3	97.7	97.0	97.3	97.3	97.3
	2000	95.0	95.2	96.0	96.2	96.8	95.2	96.2	96.8	96.8	96.8
	4000	84.0	87.0	89.3	91.2	91.4	87.0	91.2	91.4	91.4	91.4
	8000	66.3	70.4	73.0	73.1	73.0	70.4	73.1	73.0	73.0	73.0
<b>Overall A-weighted</b>		103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0

**Table 4-H. Siemens SWT-2.3-113 Max Power 2221 kW**

Associated Project: **Grand Bend Wind Farm**  
 Make: **Siemens**  
 Model: **SWT-2.3-113**  
 Electrical Rating: **2221 kilowatts**  
 Hub Height (m): **99.5 metres**  
 Wind Shear Coefficient: **0.29**  
 Source of Data: **Provided by Siemens (Appendix B)**

		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.8	83.6	83.5	83.7	83.4	83.6	83.7	83.4	83.4	83.4
	125	90.9	91.3	88.8	88.3	87.5	91.3	88.3	87.5	87.5	87.5
	250	97.6	97.7	97.2	96.7	95.9	97.7	96.7	95.9	95.9	95.9
	500	98.2	98.0	97.8	97.7	97.4	98.0	97.7	97.4	97.4	97.4
	1000	98.8	98.7	98.0	98.0	98.3	98.7	98.0	98.3	98.3	98.3
	2000	95.6	95.4	97.1	97.4	97.9	95.4	97.4	97.9	97.9	97.9
	4000	84.1	87.8	90.8	92.7	92.9	87.8	92.7	92.9	92.9	92.9
	8000	65.6	71.2	74.5	74.6	74.5	71.2	74.6	74.5	74.5	74.5
<b>Overall A-weighted</b>		104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0

**Table 4-I. Siemens SWT-2.3-113**

Associated Project: <b>Grand Bend Wind Farm</b>											
Make: <b>Siemens</b>											
Model: <b>SWT-2.3-113</b>											
Electrical Rating: <b>2300 kilowatts</b>											
Hub Height (m): <b>99.5 metres</b>											
Wind Shear Coefficient: <b>0.29</b>											
Source of Data: <b>Provided by Siemens (Appendix B)</b>											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	85.0	84.6	83.7	83.9	83.6	84.6	83.9	83.6	83.6	83.6
	125	91.3	92.4	89.2	88.7	87.9	92.4	88.7	87.9	87.9	87.9
	250	96.8	97.6	98.4	97.8	97.1	97.6	97.8	97.1	97.1	97.1
	500	98.9	99.4	99.3	99.2	98.9	99.4	99.2	98.9	98.9	98.9
	1000	99.7	100.3	98.9	98.9	99.2	100.3	98.9	99.2	99.2	99.2
	2000	95.3	95.9	97.9	98.2	98.7	95.9	98.2	98.7	98.7	98.7
	4000	84.9	86.1	90.8	92.7	93.0	86.1	92.7	93.0	93.0	93.0
	8000	67.4	68.1	74.4	74.5	74.4	68.1	74.5	74.4	74.4	74.4
<b>Overall A-weighted</b>		104.4	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0

**Table 5. Transformer Acoustic Emission Summary Tables**

**Table 5-A. Goshen Transformer Acoustic Emission Summary**

Octave Band Centre Frequency (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	Overall
Transformer Sound Power (dB(A))	56.0	75.2	87.3	89.8	95.2	92.4	88.6	83.4	74.3	98.8
Tonal Penalty (dB)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Resultant Transformer Sound Power (dB(A))	<b>61.0</b>	<b>80.2</b>	<b>92.3</b>	<b>94.8</b>	<b>100.2</b>	<b>97.4</b>	<b>93.6</b>	<b>88.4</b>	<b>79.3</b>	<b>103.8</b>

**Table 5-B. Grand Bend Transformer Acoustic Emission Summary**

Octave Band Centre Frequency (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	Overall
Transformer Sound Power (dB(A))	53.2	72.4	84.5	87.0	92.4	89.6	85.8	80.6	71.5	96.0
Tonal Penalty (dB)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Resultant Transformer Sound Power (dB(A))	<b>58.2</b>	<b>77.4</b>	<b>89.5</b>	<b>92.0</b>	<b>97.4</b>	<b>94.6</b>	<b>90.8</b>	<b>85.6</b>	<b>76.5</b>	<b>101.0</b>

**Table 6. Project Wind Turbine and Transformer Locations**

Identifier	Project	Equipment Make & Model	UTM Co-ordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
G_Trans	Goshen	Prolec GE 102/136/170 MVA	454556	4794883	Transformer
G_WTG02	Goshen	GE 1.6 – 100 LNTE	450520	4805782	-
G_WTG03	Goshen	GE 1.6 – 100 LNTE	451051	4805361	-
G_WTG04	Goshen	GE 1.6 – 100 LNTE	450524	4804972	-
G_WTG05	Goshen	GE 1.6 – 100 LNTE	451300	4804616	-
G_WTG06	Goshen	GE 1.6 – 100 LNTE	451203	4803770	-
G_WTG08	Goshen	GE 1.6 – 100 LNTE	447071	4803417	-
G_WTG09	Goshen	GE 1.6 – 100 LNTE	446830	4802090	-
G_WTG10	Goshen	GE 1.6 – 100 LNTE	448722	4804602	-
G_WTG11	Goshen	GE 1.6 – 100 LNTE	448568	4803670	-
G_WTG12	Goshen	GE 1.6 – 100 LNTE	449241	4803328	-
G_WTG13	Goshen	GE 1.6 – 100 LNTE	448911	4802237	-
G_WTG14	Goshen	GE 1.6 – 100 LNTE	448875	4801624	-
G_WTG15	Goshen	GE 1.6 – 100 LNTE	449226	4800450	-
G_WTG16	Goshen	GE 1.6 – 100 LNTE	444383	4793947	-
G_WTG17	Goshen	GE 1.6 – 100 LNTE	443972	4792675	-
G_WTG19	Goshen	GE 1.6 – 100 LNTE	445549	4795811	-
G_WTG20	Goshen	GE 1.6 – 100 LNTE	445679	4795219	-
G_WTG21	Goshen	GE 1.6 – 100 LNTE	445847	4794126	-
G_WTG22	Goshen	GE 1.6 – 100 LNTE	447530	4795721	-
G_WTG23	Goshen	GE 1.6 – 100 LNTE	447843	4796331	-
G_WTG31	Goshen	GE 1.6 – 100 LNTE	452335	4797930	-
G_WTG32	Goshen	GE 1.6 – 100 LNTE	452553	4796971	-
G_WTG33	Goshen	GE 1.6 – 100 LNTE	452366	4796399	-
G_WTG34	Goshen	GE 1.6 – 100 LNTE	453108	4799573	-
G_WTG35	Goshen	GE 1.6 – 100 LNTE	454089	4796605	-
G_WTG36	Goshen	GE 1.6 – 100 LNTE	446196	4792203	-
G_WTG37	Goshen	GE 1.6 – 100 LNTE	446287	4791638	-
G_WTG38	Goshen	GE 1.6 – 100 LNTE	446167	4791042	-
G_WTG39	Goshen	GE 1.6 – 100 LNTE	447984	4793710	-
G_WTG41	Goshen	GE 1.6 – 100 LNTE	448895	4791606	-
G_WTG42	Goshen	GE 1.6 – 100 LNTE	448990	4790737	-
G_WTG47	Goshen	GE 1.6 – 100 LNTE	452425	4792588	-
G_WTG48	Goshen	GE 1.6 – 100 LNTE	452825	4793244	-
G_WTG49	Goshen	GE 1.6 – 100 LNTE	454586	4792838	-
G_WTG50	Goshen	GE 1.6 – 100 LNTE	455040	4793271	-
G_WTG52	Goshen	GE 1.56 – 100	440156	4788373	-
G_WTG53	Goshen	GE 1.6 – 100 LNTE	442135	4790871	-
G_WTG54	Goshen	GE 1.6 – 100 LNTE	439792	4790436	-
G_WTG55	Goshen	GE 1.6 – 100 LNTE	440005	4789811	-
G_WTG56	Goshen	GE 1.6 – 100 LNTE	439925	4788922	-
G_WTG57	Goshen	GE 1.6 – 100 LNTE	438121	4790232	-
G_WTG58	Goshen	GE 1.6 – 100 LNTE	437973	4789428	-
G_WTG59	Goshen	GE 1.6 – 100 LNTE	438098	4788616	-
G_WTG60	Goshen	GE 1.6 – 100 LNTE	437501	4789050	-
G_WTG61	Goshen	GE 1.6 – 100 LNTE	437294	4788459	-
G_WTG62	Goshen	GE 1.6 – 100 LNTE	437743	4788017	-
G_WTG63	Goshen	GE 1.6 – 100 LNTE	438227	4787615	-
G_WTG64	Goshen	GE 1.6 – 100 LNTE	446988	4791822	-
G_WTG65	Goshen	GE 1.6 – 100 LNTE	454014	4798992	-
G_WTG66	Goshen	GE 1.6 – 100 LNTE	446376	4794650	-
G_WTG67	Goshen	GE 1.6 – 100 LNTE	453955	4799707	-
G_WTG68	Goshen	GE 1.6 – 100 LNTE	450577	4790696	-
G_WTG69	Goshen	GE 1.6 – 100 LNTE	450788	4791504	-

**Table 6. Project Wind Turbine and Transformer Locations**

Identifier	Project	Equipment Make & Model	UTM Co-ordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
G_WTG70	Goshen	GE 1.6 – 100 LNTE	450838	4792170	-
G_WTG71	Goshen	GE 1.6 – 100 LNTE	451847	4795547	-
G_WTG72	Goshen	GE 1.6 – 100 LNTE	450670	4804345	-
G_WTG73	Goshen	GE 1.6 – 100 LNTE	453192	4800669	-
G_WTG74	Goshen	GE 1.6 – 100 LNTE	453886	4795484	-
G_WTG75	Goshen	GE 1.6 – 100 LNTE	454731	4795014	-
G_WTG76	Goshen	GE 1.6 – 100 LNTE	454137	4793736	-
G_WTG77	Goshen	GE 1.6 – 100 LNTE	453186	4791237	-
G_WTG78	Goshen	GE 1.6 – 100 LNTE	447027	4790721	-
G_WTG79	Goshen	GE 1.6 – 100 LNTE	441914	4791634	-
G_WTG80	Goshen	GE 1.6 – 100 LNTE	445510	4796315	-
G_WTG81	Goshen	GE 1.6 – 100 LNTE	450167	4794140	-
G_WTG82	Goshen	GE 1.6 – 100 LNTE	452242	4793145	-
G_WTG83	Goshen	GE 1.6 – 100 LNTE	441815	4792131	-
G_WTG84	Goshen	GE 1.6 – 100 LNTE	438410	4790647	-
G_WTG85	Goshen	GE 1.6 – 100 LNTE	446173	4795111	-
G_WTG86	Goshen	GE 1.6 – 100 LNTE	446578	4793447	-

**Table 7. Non-Project Wind Turbine and Transformer Locations**

Identifier	Project	Equipment Make & Model	UTM Co-ordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
Z_WTG01	Zurich	E-48	446873	4808102	–
GBE_T-01	Grand Bend Wind Farm	SWT-2.3-113	444036	4811878	2126 kW Maximum
GBE_T-02	Grand Bend Wind Farm	SWT-2.3-113	444376	4811760	1824 kW Maximum
GBE_T-03	Grand Bend Wind Farm	SWT-2.3-113	445882	4810067	2126 kW Maximum
GBE_T-04	Grand Bend Wind Farm	SWT-2.3-113	443802	4810147	2221 kW Maximum
GBE_T-05	Grand Bend Wind Farm	SWT-2.3-113	444206	4809869	2030 kW Maximum
GBE_T-06	Grand Bend Wind Farm	SWT-2.3-113	444035	4809533	2030 kW Maximum
GBE_T-07	Grand Bend Wind Farm	SWT-2.3-113	443954	4809147	2126 kW Maximum
GBE_T-08	Grand Bend Wind Farm	SWT-2.3-113	443718	4808841	2030 kW Maximum
GBE_T-09	Grand Bend Wind Farm	SWT-2.3-113	444323	4808855	1824 kW Maximum
GBE_T-10	Grand Bend Wind Farm	SWT-2.3-113	444002	4808745	2126 kW Maximum
GBE_T-11	Grand Bend Wind Farm	SWT-2.3-113	444330	4808461	2126 kW Maximum
GBE_T-12	Grand Bend Wind Farm	SWT-2.3-113	444001	4808315	2126 kW Maximum
GBE_T-13	Grand Bend Wind Farm	SWT-2.3-113	444228	4808041	2221 kW Maximum
GBE_T-14	Grand Bend Wind Farm	SWT-2.3-113	443802	4807902	2300 kW Maximum
GBE_T-15	Grand Bend Wind Farm	SWT-2.3-113	444500	4807773	2030 kW Maximum
GBE_T-16	Grand Bend Wind Farm	SWT-2.3-113	443896	4807611	2030 kW Maximum
GBE_T-17	Grand Bend Wind Farm	SWT-2.3-113	443376	4805355	2126 kW Maximum
GBE_T-18	Grand Bend Wind Farm	SWT-2.3-113	443717	4805337	2126 kW Maximum
GBE_T-19	Grand Bend Wind Farm	SWT-2.3-113	446261	4804829	2126 kW Maximum
GBE_T-20	Grand Bend Wind Farm	SWT-2.3-113	446913	4804825	2300 kW Maximum
GBE_T-21	Grand Bend Wind Farm	SWT-2.3-113	443635	4804535	2300 kW Maximum
GBE_T-22	Grand Bend Wind Farm	SWT-2.3-113	443974	4804635	2030 kW Maximum
GBE_T-23	Grand Bend Wind Farm	SWT-2.3-113	443320	4804183	2126 kW Maximum
GBE_T-24	Grand Bend Wind Farm	SWT-2.3-113	443623	4804057	2300 kW Maximum
GBE_T-25	Grand Bend Wind Farm	SWT-2.3-113	443997	4804036	2300 kW Maximum
GBE_T-26	Grand Bend Wind Farm	SWT-2.3-113	443339	4803814	2126 kW Maximum
GBE_T-27	Grand Bend Wind Farm	SWT-2.3-113	443638	4803681	2221 kW Maximum
GBE_T-28	Grand Bend Wind Farm	SWT-2.3-113	443409	4803439	2126 kW Maximum
GBE_T-29	Grand Bend Wind Farm	SWT-2.3-113	443154	4802383	2030 kW Maximum

**Table 7. Non-Project Wind Turbine and Transformer Locations**

Identifier	Project	Equipment Make & Model	UTM Co-ordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
GBE_T-30	Grand Bend Wind Farm	SWT-2.3-113	443011	4802014	2300 kW Maximum
GBE_T-31	Grand Bend Wind Farm	SWT-2.3-113	443540	4801110	2221 kW Maximum
GBE_T-32	Grand Bend Wind Farm	SWT-2.3-113	442448	4800448	2030 kW Maximum
GBE_T-33	Grand Bend Wind Farm	SWT-2.3-113	442838	4800465	2030 kW Maximum
GBE_T-34	Grand Bend Wind Farm	SWT-2.3-113	442243	4800119	2126 kW Maximum
GBE_T-35	Grand Bend Wind Farm	SWT-2.3-113	442757	4800013	2300 kW Maximum
GBE_T-36	Grand Bend Wind Farm	SWT-2.3-113	442447	4799830	2030 kW Maximum
GBE_T-37	Grand Bend Wind Farm	SWT-2.3-113	442062	4799669	2221 kW Maximum
GBE_T-38	Grand Bend Wind Farm	SWT-2.3-113	442409	4799492	2126 kW Maximum
GBE_T-39	Grand Bend Wind Farm	SWT-2.3-113	441744	4799389	2030 kW Maximum
GBE_T-40	Grand Bend Wind Farm	SWT-2.3-113	441527	4798742	2221 kW Maximum
GBE_T-41	Grand Bend Wind Farm	SWT-2.3-113	441764	4798145	2030 kW Maximum
GBE_T-42	Grand Bend Wind Farm	SWT-2.3-113	441607	4797850	2221 kW Maximum
GBE_T-43	Grand Bend Wind Farm	SWT-2.3-113	442249	4797830	2030 kW Maximum
GBE_T-44	Grand Bend Wind Farm	SWT-2.3-113	441123	4797225	1903 kW Maximum
GBE_T-45	Grand Bend Wind Farm	SWT-2.3-113	440154	4796958	2221 kW Maximum
GBE_T-46	Grand Bend Wind Farm	SWT-2.3-113	440550	4796892	2221 kW Maximum
GBE_T-47	Grand Bend Wind Farm	SWT-2.3-113	440850	4796687	2221 kW Maximum
GBE_T-48	Grand Bend Wind Farm	SWT-2.3-113	440529	4796554	2221 kW Maximum
GB_Trans	Grand Bend Wind Farm	Prolec GE 125 MVA	446781	4804790	–

**Table 8. Concordance Table**

POR UTM Co-ordinates		POR ID		Distance to Nearest Source (m)		Nearest Source ID		Level of Farm (dB(A))		Level (dB(A))
Easting (m)	Northing (m)	Goshen	GBWF	Goshen	GBWF	Goshen	GBWF	Goshen	GBWF <sup>3</sup>	Total <sup>4</sup>
445854	4802982	GSH1115	R0957	1292	1892	G_WTG08	T-19	31.2	32	34.8
446095	4802943	GSH1116	R0958	1085	1894	G_WTG08	T-19	32.9	31	35.3
447202	4805305	GSH1138	R0780	1675	561	G_WTG10	T-20	-	39	-
447679	4805847	GSH1175	R0730	1624	1277	G_WTG10	T-20	-	32	-
447534	4806099	GSH1177	R0683	1911	1417	G_WTG10	T-20	-	31	-
447788	4806134	GSH1179	R0670	1794	1575	G_WTG10	T-20	-	30	-
447593	4805706	GSH1185	R0756	1579	1113	G_WTG10	T-20	-	33	-
447636	4804871	GSH1196	R0805	1119	724	G_WTG10	T-20	33.1	36	38.7
447643	4804908	GSH1197	R0804	1122	735	G_WTG10	T-20	33.0	36	38.5
447848	4805654	GSH1198	R0764	1368	1250	G_WTG10	T-20	30.9	32	34.9
447758	4804487	GSH1200	R0831	971	910	G_WTG10	T-20	34.9	34	38
448123	4804559	GSH1201	R0824	601	1239	G_WTG10	T-20	37.5	31	38.6
448100	4804620	GSH1202	R0820	622	1204	G_WTG10	T-20	37.1	31	38.4
447831	4804135	GSH1208	R0864	871	1148	G_WTG11	T-20	36.2	32	38
447992	4804129	GSH1211	R0865	737	1284	G_WTG11	T-20	37.2	31	38.3
448001	4803557	GSH1212	R0929	578	1670	G_WTG11	T-20	38.3	29	38.9
447908	4803621	GSH1215	R0928	662	1562	G_WTG11	T-20	37.8	29	38.5
447893	4803864	GSH1218	R0897	702	1372	G_WTG11	T-20	37.3	30	38.3
448163	4803312	GSH1220	R0948	541	1962	G_WTG11	T-20	38.8	27	39.1
445856	4803953	GSH1310A	R0885	1328	965	G_WTG08	T-19	29.8	36	37.1
445793	4804523	GSH219	R0827	1690	560	G_WTG08	T-19	-	39	-
445628	4804501	GSH220	R0829	1805	714	G_WTG08	T-19	-	38	-
445858	4804114	GSH227	R0866	1399	821	G_WTG08	T-19	29.5	37	37.8
448073	4804909	GSH2334	R0803	718	1164	G_WTG10	T-20	35.7	32	37.5
447802	4804293	GSH2336	R0851	971	1036	G_WTG10	T-20	35.7	33	37.9
445760	4803673	GSH237	R0926	1336	1260	G_WTG08	T-19	29.9	34	36
445762	4803341	GSH242	R0940	1311	1570	G_WTG08	T-19	30.3	33	35.3
447760	4805328	GSH2659	R0779	1205	985	G_WTG10	T-20	31.9	34	36.5
447783	4805126	GSH2662	R0789	1075	921	G_WTG10	T-20	32.9	34	37.1
447871	4803678	GSH2797	R0925	697	1495	G_WTG11	T-20	37.5	30	38.4

**Table 8. Concordance Table**

POR UTM Co-ordinates		POR ID		Distance to Nearest Source (m)		Nearest Source ID		Level of Farm (dB(A))		Level (dB(A))
Easting (m)	Northing (m)	Goshen	GBWF	Goshen	GBWF	Goshen	GBWF	Goshen	GBWF <sup>3</sup>	Total <sup>4</sup>
445625	4804735	GSH2812	R0813	1957	644	G_WTG08	T-19	-	38	-
445723	4804036	GSH2813	R0876	1483	959	G_WTG08	T-19	28.9	36	37.1
445704	4804227	GSH3082	R0860	1589	821	G_WTG08	T-19	-	37	-
445751	4803837	GSH3398	R0902	1385	1116	G_WTG08	T-19	29.6	35	36.5
447664	4805114	None <sup>1</sup>	R0791	N/A	805	N/A	T-20	-	35	N/A
447284	4804149	None <sup>2</sup>	R0862	N/A	771	N/A	T-20	-	36	N/A

Notes: 1. The parcel on which this receptor is located (from the Grand Bend Wind Farm Noise Assessment) is an industrial facility. This receptor has not been incorporated into the Goshen Noise Assessment Report

2. The parcel on which this receptor is located (from the Grand Bend Draft Site Plan) is a landlocked parcel, on which a residence could not be constructed. Therefore this receptor has not been incorporated into the Goshen Noise Assessment Report.

3. The Grand Bend Wind Farm Noise Impact Summary Table provides noise levels to zero decimal places. This has been replicated for this concordance table as more precise data are not available publicly.

4. The cumulative sum provided in this column is not the logarithmic sum of the two preceding columns. It is the resultant noise level obtained by modelling both the Goshen Wind Farm and Grand Bend Wind Farms using the assumptions outlined in the Goshen Noise Assessment Report. In all instances, this number is higher than the logarithmic sum of the two preceding columns.

Notes to Table:

- As per section 6.1 a), of PIBS 4709e, points of reception up to 2000 metres are identified in the table and the project site plan. However, as per sections 6.3 and 6.4.1 noise levels have only been predicted for points of reception within 1500 metres of a Project wind turbine. Therefore the noise level results for points of reception at distances of greater than 1500 metres from the nearest Project wind turbine appear as dashes (-). The associated limits and compliance columns also appear as dashes (-) for these entries as compliance assessment is not required by the guideline.
- Participating receptors are not subject to the MOE noise limits and in these cases the noise limit entries are represented as dashes (-), in such cases the associated compliance column also appears as a dash (-) since a compliance assessment is not required.

Table Abbreviations:

NP	- Non-participating Point of Reception
VNP	- Non-participating Vacant Lot Point of Reception
PR	- Participating Point of Reception
VPR	- Participating Vacant Lot Point of Reception
C	- Compliant with MOE sound level limits for Wind Turbines in Class 3 areas (See Table 1)
NC	- Not Compliant with MOE sound level limits for Wind Turbines in Class 3 areas (See Table 1)



Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH1001	NP	4.5	443655	4789604	1978.8	G_WTG53	12112.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1004	NP	4.5	443765	4789815	1942.2	G_WTG53	11921.8	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1005	NP	4.5	443625	4789873	1793.3	G_WTG53	12024.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1009	NP	4.5	443678	4790126	1713.4	G_WTG53	11872.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1010	NP	4.5	443583	4790175	1606.6	G_WTG53	11940.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1011	NP	4.5	443570	4790177	1594.0	G_WTG53	11951.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1012	NP	4.5	443566	4790146	1604.2	G_WTG53	11967.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1015	NP	4.5	443546	4790322	1514.0	G_WTG53	11917.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1016	NP	4.5	443562	4790344	1521.2	G_WTG53	11894.1	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1017	NP	4.5	443458	4790531	1366.0	G_WTG53	11920.8	31.9	32.0	32.0	32.0	32.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1020	NP	4.5	443618	4790648	1499.7	G_WTG53	11729.2	31.8	31.9	31.9	31.9	31.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1022	NP	4.5	443626	4790691	1501.8	G_WTG53	11706.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1024	NP	4.5	443423	4791787	650.8	G_WTG83	11555.5	37.0	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1025	NP	4.5	443429	4791737	690.3	G_WTG83	11563.2	36.6	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1028	NP	4.5	442477	4791796	585.8	G_WTG79	12467.2	39.1	39.2	39.2	39.2	39.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1029	NP	4.5	443303	4793567	1115.0	G_WTG17	11329.7	34.6	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1092	NP	4.5	448333	4793131	676.0	G_WTG39	6464.9	36.7	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C		
GSH1100	NP	4.5	448145	4793229	1042.7	G_WTG23	6861.8	32.5	32.7	32.7	32.7	32.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1110	NP	4.5	446055	4801759	842.7	G_WTG09	10933.7	34.5	34.5	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1111	NP	4.5	446149	4801788	745.0	G_WTG09	10879.2	35.2	35.2	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1115	NP	4.5	445854	4802982	1292.4	G_WTG08	11887.8	34.8	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1116	NP	4.5	446095	4802943	1085.0	G_WTG08	11685.6	35.3	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1138	NP	4.5	447202	4805305	1674.7	G_WTG10	12755.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1177	NP	4.5	447534	4806099	1911.1	G_WTG10	13232.8	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1179	NP	4.5	447788	4806134	1794.3	G_WTG10	13129.8	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH118	NP	4.5	436991	4791820	1841.1	G_WTG84	17830.1	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1185	NP	4.5	447593	4805706	1579.1	G_WTG10	12869.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1187	NP	4.5	447853	4805649	1360.7	G_WTG10	12682.2	34.9	34.7	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1190	NP	4.5	447593	4804867	1159.7	G_WTG10	12172.2	39.0	38.8	38.7	38.7	38.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1196	NP	4.5	447636	4804871	1118.8	G_WTG10	12151.0	38.7	38.4	38.4	38.4	38.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1197	NP	4.5	447643	4804908	1121.6	G_WTG10	12177.4	38.5	38.3	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1198	NP	4.5	447848	4805654	1367.7	G_WTG10	12689.0	34.9	34.7	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH120	NP	4.5	437031	4791797	1795.6	G_WTG84	17794.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1200	NP	4.5	447758	4804487	970.8	G_WTG10	11766.5	38.0	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1208	NP	4.5	447831	4804135	871.4	G_WTG11	11437.9	38.0	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1211	NP	4.5	447992	4804129	736.5	G_WTG11	11339.1	38.3	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH1215	NP	4.5	447908	4803621	661.8	G_WTG11	10979.5	38.5	38.5	38.5	38.5	38.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1218	NP	4.5	447893	4803864	702.3	G_WTG11	11182.8	38.3	38.4	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1223	NP	4.5	447984	4802763	1065.8	G_WTG13	10260.9	36.7	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C		
GSH1224	NP	4.5	448327	4802884	822.1	G_WTG11	10139.8	37.8	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1227	NP	4.5	448206	4802484	747.0	G_WTG13	9904.4	37.3	37.5	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1231	NP	4.5	448207	4801884	716.8	G_WTG14	9451.1	37.5	37.7	37.6	37.6	37.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1247	NP	4.5	448188	4801555	690.5	G_WTG14	9223.2	36.9	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1251	NP	4.5	448338	4801383	588.6	G_WTG14	8995.2	37.7	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C		
GSH1255	NP	4.5	448070	4800513	1157.7	G_WTG15	8588.7	32.8	32.9	32.9	32.9	32.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1256	NP	4.5	448185	4800434	1041.1	G_WTG15	8450.0	33.2	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1259	NP	4.5	448356	4800382	872.7	G_WTG15	8287.3	34.1	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1261	NP	4.5	448491	4800563	743.6	G_WTG15	8309.4	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1264	NP	4.5	448421	4800769	865.9	G_WTG15	8502.0	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1271	NP	4.5	447833	4799267	1827.5	G_WTG15	8026.1	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1286	NP	4.5	447824	4799376	1766.1	G_WTG15	8093.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1287	NP	4.5	447977	4799311	1690.4	G_WTG15	7930.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1289	NP	4.5	449768	4799683	939.2	G_WTG15	6779.7	32.7	32.9	32.9	32.9	32.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1297	NP	4.5	449917	4799463	1204.8	G_WTG15	6519.0	31.2	31.3	31.3	31.3	31.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1300	NP	4.5	448601	4798579	1972.6	G_WTG15	7008.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1301	NP	4.5	448689	4798634	1893.7	G_WTG15	6963.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1305	NP	4.5	449264	4799573	877.8	G_WTG15	7071.2	33.1	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1309	NP	4.5	449298	4799442	1010.6	G_WTG15	6959.2	32.1	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1310	NP	4.5	449393	4799500	964.6	G_WTG15	6926.3	32.4	32.5	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1314	NP	4.5	448765	4798028	1931.3	G_WTG23	6589.9	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1324	NP	4.5	449065	4797535	1715.5	G_WTG23	6097.9	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1325	NP	4.5	449046	4797555	1716.2	G_WTG23	6123.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1328	NP	4.5	448977	4797281	1479.3	G_WTG23	6072.5	30.6	30.7	30.7	30.7	30.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1331	NP	4.5	448858	4796745	1096.2	G_WTG23	5994.5	32.4	32.5	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1334	NP	4.5	449086	4796816	1334.3	G_WTG23	5903.6	31.4	31.6	31.6	31.6	31.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1339	NP	4.5	448865	4796453	1029.3	G_WTG23	5903.6	33.1	33.2	33.2	33.2	33.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1341	NP	4.5	449025	4796399	1184.0	G_WTG23	5735.0	32.4	32.5	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1345	NP	4.5	448934	4796032	1131.2	G_WTG23	5738.2	33.2	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1346	NP	4.5	448959	4795875	1205.6	G_WTG23	5684.2	33.2	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1350	NP	4.5	448914	4795779	1204.9	G_WTG23	5712.7	33.4	33.5	33.5	33.5	33.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1351	NP	4.5	449319	4794762	1051.7	G_WTG81	5238.4	33.9	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1354	NP	4.5	449196	4794305	984.9	G_WTG81	5391.1	34.6	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH1355	NP	4.5	449450	4794316	738.3	G_WTG81	5137.4	35.6	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C		
GSH1356	NP	4.5	449244	4793939	944.6	G_WTG81	5395.2	34.9	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1369	NP	4.5	449479	4793473	958.2	G_WTG81	5269.2	34.8	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1370	NP	4.5	449433	4793526	956.9	G_WTG81	5299.7	34.8	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1371	NP	4.5	449520	4793226	1119.8	G_WTG81	5301.6	34.4	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1374	NP	4.5	449423	4793049	1320.5	G_WTG81	5450.8	34.2	34.4	34.4	34.4	34.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1376	NP	4.5	450461	4793490	713.4	G_WTG81	4325.4	36.4	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1377	NP	4.5	450502	4793501	721.5	G_WTG81	4283.1	36.3	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1380	NP	4.5	449303	4792729	1194.8	G_WTG41	5677.5	34.5	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1381	NP	4.5	449632	4792329	1032.4	G_WTG41	5547.0	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1400	NP	4.5	449776	4791323	925.3	G_WTG41	5960.0	37.2	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1416	NP	4.5	449764	4790256	911.3	G_WTG42	6661.3	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1418	NP	4.5	450000	4790292	704.4	G_WTG68	6468.0	36.3	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1419	NP	4.5	449979	4790099	845.0	G_WTG68	6620.8	35.0	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1422	NP	4.5	449348	4789170	1607.4	G_WTG42	7730.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1427	NP	4.5	450683	4789376	1324.2	G_WTG68	6732.5	30.7	30.9	30.9	30.9	30.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1428	NP	7.5	450862	4789245	1478.7	G_WTG68	6740.4	30.3	30.4	30.4	30.4	30.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1434	NP	4.5	451325	4789474	1432.8	G_WTG68	6300.5	30.2	30.4	30.4	30.4	30.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1435	NP	4.5	451343	4789362	1538.3	G_WTG68	6387.9	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1440	NP	4.5	451545	4789493	1544.1	G_WTG68	6174.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1462	NP	4.5	452339	4789605	1838.7	G_WTG77	5724.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1465	NP	4.5	452556	4789627	1728.9	G_WTG77	5623.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1466	NP	4.5	452700	4789647	1662.6	G_WTG77	5555.2	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1471	NP	4.5	452824	4789565	1710.7	G_WTG77	5592.9	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1479	NP	4.5	453316	4789759	1483.7	G_WTG77	5271.9	29.3	29.4	29.4	29.4	29.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1489	NP	4.5	451390	4792571	682.3	G_WTG70	3920.3	38.0	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1491	NP	4.5	451490	4793025	761.5	G_WTG82	3585.0	37.4	37.6	37.6	37.6	37.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1492	NP	4.5	451488	4793057	759.1	G_WTG82	3570.3	37.4	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C		
GSH1493	NP	4.5	451480	4793090	764.0	G_WTG82	3560.4	37.3	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1494	NP	4.5	451473	4793154	769.1	G_WTG82	3534.7	37.1	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1500	NP	4.5	451396	4793534	931.1	G_WTG82	3435.9	35.9	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1504	NP	4.5	451614	4793578	762.8	G_WTG82	3218.4	36.8	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1505	NP	4.5	451493	4793832	1016.4	G_WTG82	3238.3	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1506	NP	4.5	451405	4793696	1002.1	G_WTG82	3367.2	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1507	NP	4.5	451673	4793697	792.8	G_WTG82	3117.4	36.5	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1511	NP	4.5	451313	4794212	1148.3	G_WTG81	3311.7	34.8	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)							Sound Level Limit (dBA)							Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10					
GSH1514	NP	4.5	451128	4794533	1038.3	G_WTG81	3445.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1515	NP	4.5	451423	4794636	1018.5	G_WTG71	3142.7	34.8	35.0	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1516	NP	4.5	451488	4794619	1009.0	G_WTG71	3079.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1517	NP	4.5	451513	4794653	968.4	G_WTG71	3051.7	35.0	35.1	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1519	NP	4.5	451133	4794971	926.9	G_WTG71	3424.1	35.0	35.1	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1521	NP	4.5	451281	4795140	706.0	G_WTG71	3285.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1523	NP	4.5	451143	4795331	740.9	G_WTG71	3442.3	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1530	NP	4.5	451124	4795721	740.3	G_WTG71	3532.8	35.7	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1532	NP	7.5	451001	4796251	1091.1	G_WTG71	3809.1	34.4	34.6	34.6	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1535	NP	4.5	451187	4796239	945.5	G_WTG71	3631.7	34.9	35.0	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1539	NP	4.5	450942	4796645	1411.4	G_WTG71	4020.7	33.0	33.1	33.1	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1540	NP	4.5	450770	4797603	1598.8	G_WTG31	4661.8	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1542	NP	4.5	450824	4797565	1554.5	G_WTG31	4595.8	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1543	NP	4.5	450784	4797512	1606.3	G_WTG31	4597.8	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1550	NP	4.5	450736	4798244	1629.5	G_WTG31	5088.1	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1551	NP	4.5	450884	4798279	1492.4	G_WTG31	5001.6	30.9	31.0	31.0	31.0	31.0	31.0	31.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1556	NP	4.5	450788	4798464	1636.6	G_WTG31	5198.2	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1558	NP	4.5	450782	4798700	1733.4	G_WTG31	5367.7	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1561	NP	4.5	450288	4799607	1355.9	G_WTG15	6366.5	30.9	31.1	31.1	31.1	31.1	31.1	31.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1562	NP	4.5	450472	4799714	1447.1	G_WTG15	6325.9	30.8	30.9	30.9	30.9	30.9	30.9	30.9	40.0	43.0	45.0	49.0	51.0	C		
GSH1563	NP	4.5	450531	4799604	1555.2	G_WTG15	6203.9	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1568	NP	7.5	450653	4799892	1532.2	G_WTG15	6350.1	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1569	NP	4.5	450826	4799522	1849.6	G_WTG15	5952.6	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1573	NP	4.5	450466	4800782	1283.7	G_WTG15	7178.2	32.0	32.2	32.2	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1578	NP	4.5	450196	4801119	1178.3	G_WTG15	7609.0	33.2	33.3	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1579	NP	4.5	450205	4801132	1193.1	G_WTG15	7614.5	33.2	33.3	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C		
GSH1581	NP	4.5	450182	4801079	1144.4	G_WTG15	7584.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C		
GSH1583	NP	4.5	449944	4801637	1069.1	G_WTG14	8178.5	34.6	34.8	34.8	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C		
GSH1584	NP	4.5	450063	4801592	1188.4	G_WTG14	8074.5	34.0	34.1	34.1	34.1	34.1	34.1	34.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1585	NP	4.5	450058	4801625	1183.0	G_WTG14	8104.7	34.1	34.2	34.2	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C		
GSH1586	NP	4.5	450077	4801635	1202.1	G_WTG14	8102.5	34.0	34.1	34.1	34.1	34.1	34.1	34.1	40.0	43.0	45.0	49.0	51.0	C		
GSH1588	NP	4.5	450148	4802369	1244.0	G_WTG13	8687.4	34.5	34.6	34.6	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C		
GSH1590	NP	4.5	450399	4801516	1527.8	G_WTG14	7828.0	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH1594	NP	4.5	450011	4802721	980.5	G_WTG12	9060.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C		
GSH1596	NP	4.5	450260	4802750	1171.5	G_WTG12	8963.6	34.9	35.0	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH1598	NP	4.5	449937	4803090	735.6	G_WTG12	9417.5	36.9	37.1	37.1	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Compliance Test			
			X	Y				6	7	8	9	10					
GSH1599	NP	4.5	450121	4803517	900.1	G_WTG12	9706.5	37.1	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH1603	NP	4.5	449884	4804003	857.2	G_WTG72	10247.0	37.8	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C
GSH1611	NP	4.5	449731	4804304	939.9	G_WTG72	10584.7	37.7	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C
GSH1615	NP	4.5	449808	4804750	749.6	G_WTG04	10949.9	38.1	38.3	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C
GSH1619	NP	4.5	449763	4805168	785.8	G_WTG04	11347.0	37.6	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C
GSH1621	NP	4.5	449729	4805331	872.3	G_WTG04	11509.2	37.1	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH1625	NP	4.5	449678	4805687	847.3	G_WTG02	11854.2	36.2	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C
GSH1631	NP	4.5	449559	4805994	984.1	G_WTG02	12183.0	34.6	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C
GSH1633	NP	4.5	449749	4806022	807.5	G_WTG02	12132.0	35.6	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C
GSH1638	NP	4.5	449687	4806454	1070.3	G_WTG02	12553.7	33.2	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C
GSH1643	NP	4.5	449511	4806699	1363.4	G_WTG02	12848.0	31.6	31.7	31.7	31.7	40.0	43.0	45.0	49.0	51.0	C
GSH1645	NP	4.5	449713	4806779	1282.7	G_WTG02	12844.0	31.7	31.8	31.8	31.8	40.0	43.0	45.0	49.0	51.0	C
GSH1647	NP	4.5	449577	4806956	1505.8	G_WTG02	13059.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1648	NP	4.5	449480	4807038	1630.7	G_WTG02	13172.3	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1652	NP	4.5	449623	4807103	1596.8	G_WTG02	13178.1	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1723	NP	4.5	451261	4807323	1709.9	G_WTG02	12869.0	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1724	NP	4.5	451638	4807219	1820.7	G_WTG02	12676.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1726	NP	4.5	451610	4807028	1655.5	G_WTG02	12497.2	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1728	NP	4.5	451440	4806938	1477.4	G_WTG02	12451.2	30.7	30.8	30.8	30.8	40.0	43.0	45.0	49.0	51.0	C
GSH1733	NP	4.5	451495	4806598	1271.4	G_WTG02	12108.3	32.4	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C
GSH1734	NP	4.5	451719	4806428	1258.9	G_WTG03	11888.5	32.4	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C
GSH1739	NP	4.5	451505	4806093	861.4	G_WTG03	11617.8	35.5	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C
GSH1751	NP	4.5	451686	4805313	636.8	G_WTG03	10817.7	38.2	38.4	38.4	38.4	40.0	43.0	45.0	49.0	51.0	C
GSH1755	NP	4.5	451933	4804437	657.8	G_WTG05	9907.5	37.4	37.6	37.6	37.6	40.0	43.0	45.0	49.0	51.0	C
GSH1759	NP	4.5	451987	4803780	784.1	G_WTG06	9260.5	35.9	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C
GSH1760	NP	4.5	452000	4803776	797.0	G_WTG06	9253.0	35.8	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C
GSH1761	NP	4.5	452107	4803792	904.3	G_WTG06	9239.5	34.9	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C
GSH1769	NP	4.5	452086	4803053	1137.4	G_WTG06	8535.2	32.7	32.8	32.8	32.8	40.0	43.0	45.0	49.0	51.0	C
GSH1776	NP	4.5	452128	4802506	1566.3	G_WTG06	8000.3	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1777	NP	4.5	452313	4802512	1677.7	G_WTG06	7951.9	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1779	NP	4.5	452283	4802059	1660.8	G_WTG73	7527.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1783	NP	4.5	452328	4801730	1368.3	G_WTG73	7200.4	31.2	31.4	31.4	31.4	40.0	43.0	45.0	49.0	51.0	C
GSH1786	NP	4.5	452232	4801332	1161.0	G_WTG73	6845.6	32.1	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C
GSH1792	NP	4.5	452325	4800984	922.4	G_WTG73	6496.1	33.5	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C
GSH1795	NP	4.5	452605	4800407	642.8	G_WTG73	5858.4	36.8	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C
GSH1800	NP	4.5	451496	4799880	1641.0	G_WTG34	5859.5	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
GSH1802	NP	4.5	451890	4799945	1273.5	G_WTG34	5721.1	32.5	32.7	32.7	32.7	32.7	40.0	43.0	45.0	49.0	51.0	C
GSH1803	NP	4.5	451915	4799802	1214.8	G_WTG34	5583.1	32.7	32.8	32.8	32.8	32.8	40.0	43.0	45.0	49.0	51.0	C
GSH1807	NP	4.5	452364	4799975	845.7	G_WTG34	5543.8	35.2	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C
GSH1808	NP	4.5	452449	4799790	693.8	G_WTG34	5340.2	36.3	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C
GSH1830	NP	4.5	452751	4798768	880.6	G_WTG34	4283.8	36.2	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C
GSH1831	NP	4.5	452900	4798934	672.0	G_WTG34	4376.4	37.2	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH1837	NP	4.5	452804	4798234	558.9	G_WTG31	3781.4	37.9	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C
GSH1839	NP	4.5	453407	4798162	1028.3	G_WTG65	3474.5	35.5	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C
GSH1843	NP	4.5	453664	4797983	1068.0	G_WTG65	3225.8	35.0	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C
GSH1845	NP	4.5	452978	4797983	645.2	G_WTG31	3478.5	37.3	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C
GSH1849	NP	4.5	453086	4797320	637.1	G_WTG32	2846.0	38.0	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C
GSH1851	NP	4.5	453105	4797378	685.8	G_WTG32	2886.2	37.6	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C
GSH1856	NP	4.5	453171	4796987	618.2	G_WTG32	2518.9	38.3	38.5	38.5	38.5	38.5	40.0	43.0	45.0	49.0	51.0	C
GSH1859	NP	4.5	453365	4796520	729.0	G_WTG35	2024.4	38.0	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C
GSH1868	NP	4.5	453418	4795994	692.2	G_WTG74	1590.4	38.2	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C
GSH1871	NP	4.5	453272	4795396	620.3	G_WTG74	1382.7	38.1	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C
GSH1879	NP	4.5	453350	4794838	839.4	G_WTG74	1206.8	37.0	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C
GSH1883	NP	4.5	453421	4794949	708.8	G_WTG74	1136.9	37.7	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C
GSH1884	NP	4.5	453528	4794481	962.2	G_WTG76	1103.8	37.2	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH1891	NP	4.5	453494	4794358	894.6	G_WTG76	1184.7	37.2	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH1895	NP	4.5	453511	4793740	626.0	G_WTG76	1548.7	38.7	38.8	38.8	38.8	38.8	40.0	43.0	45.0	49.0	51.0	C
GSH1900	NP	4.5	453620	4793474	579.6	G_WTG76	1691.6	39.1	39.3	39.3	39.3	39.3	40.0	43.0	45.0	49.0	51.0	C
GSH1909	NP	4.5	453630	4792937	861.6	G_WTG48	2155.1	37.8	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C
GSH1911	NP	4.5	453737	4792690	861.8	G_WTG49	2340.9	37.1	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH1914	NP	4.5	453550	4792409	1105.8	G_WTG48	2670.7	36.5	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C
GSH1919	NP	4.5	453747	4792041	980.4	G_WTG77	2954.9	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C
GSH1923	NP	4.5	454327	4791934	940.4	G_WTG49	2957.9	34.8	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C
GSH1924	NP	4.5	453908	4791640	826.9	G_WTG77	3307.1	35.1	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C
GSH1929	NP	4.5	454030	4791272	844.7	G_WTG77	3649.1	34.2	34.3	34.3	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C
GSH1933	NP	4.5	454141	4791000	984.0	G_WTG77	3905.1	32.7	32.9	32.9	32.9	32.9	40.0	43.0	45.0	49.0	51.0	C
GSH1934	NP	4.5	453781	4789819	1537.8	G_WTG77	5123.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1937	NP	4.5	453881	4789655	1727.9	G_WTG77	5271.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1938	NP	4.5	453904	4789661	1731.8	G_WTG77	5262.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1941	NP	4.5	453894	4789720	1674.1	G_WTG77	5205.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH1943	NP	4.5	454068	4790392	1221.5	G_WTG77	4517.4	30.6	30.7	30.7	30.7	30.7	40.0	43.0	45.0	49.0	51.0	C
GSH1947	NP	4.5	454224	4789891	1699.8	G_WTG77	5003.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH2000	NP	4.5	455800	4791522	1790.4	G_WTG49	3583.8	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH2005	NP	4.5	455807	4791726	1651.5	G_WTG49	3395.8	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH2009	NP	4.5	455756	4792063	1403.4	G_WTG49	3064.7	31.4	31.5	31.5	31.5	31.5	31.5	31.5	40.0	43.0	45.0	49.0	51.0	C
GSH2014	NP	4.5	456013	4792045	1565.2	G_WTG50	3190.2	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH2017	NP	4.5	455739	4792365	1144.3	G_WTG50	2782.1	32.7	32.9	32.9	32.9	32.9	32.9	32.9	40.0	43.0	45.0	49.0	51.0	C
GSH2021	NP	4.5	455647	4792690	840.2	G_WTG50	2449.4	34.9	35.1	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C
GSH2022	NP	4.5	455810	4792813	895.9	G_WTG50	2420.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C
GSH2029	NP	4.5	455702	4793223	663.7	G_WTG50	2017.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C
GSH2033	NP	4.5	455631	4793436	613.6	G_WTG50	1802.6	37.0	37.1	37.1	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C
GSH2034	NP	4.5	455618	4793828	802.7	G_WTG50	1497.0	35.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C
GSH2037	NP	4.5	455626	4793788	781.5	G_WTG50	1531.0	35.7	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C
GSH2038	NP	4.5	455628	4793766	768.6	G_WTG50	1548.2	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C
GSH2039	NP	4.5	455631	4793746	758.2	G_WTG50	1564.7	35.8	36.0	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C
GSH2044	NP	4.5	455576	4793695	683.4	G_WTG50	1565.8	36.5	36.6	36.6	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C
GSH2046	NP	4.5	455582	4793651	661.9	G_WTG50	1603.3	36.7	36.8	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C
GSH2047	NP	4.5	455583	4793589	629.3	G_WTG50	1652.0	36.9	37.1	37.1	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C
GSH2053	NP	4.5	455299	4794758	623.0	G_WTG75	753.4	39.2	39.3	39.3	39.3	39.3	39.3	39.3	40.0	43.0	45.0	49.0	51.0	C
GSH2054	NP	4.5	455538	4794770	843.1	G_WTG75	988.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C
GSH2055	NP	4.5	455566	4794774	868.8	G_WTG75	1015.9	36.3	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C
GSH2059	NP	4.5	455493	4794847	780.1	G_WTG75	937.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	40.0	43.0	45.0	49.0	51.0	C
GSH2061	NP	4.5	455547	4795139	825.5	G_WTG75	1023.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C
GSH2072	NP	4.5	455414	4795568	879.4	G_WTG75	1097.9	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C
GSH2075	NP	4.5	455456	4795732	1020.4	G_WTG75	1237.3	34.8	34.9	34.9	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C
GSH2080	NP	4.5	455210	4795939	1041.7	G_WTG75	1242.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C
GSH2086	NP	4.5	455345	4796371	1277.6	G_WTG35	1684.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C
GSH2095	NP	4.5	454929	4796717	847.4	G_WTG35	1871.5	34.8	35.0	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C
GSH2097	NP	4.5	455276	4796786	1200.7	G_WTG35	2034.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	40.0	43.0	45.0	49.0	51.0	C
GSH2104	NP	4.5	455276	4797249	1350.4	G_WTG35	2473.1	31.6	31.8	31.8	31.8	31.8	31.8	31.8	40.0	43.0	45.0	49.0	51.0	C
GSH2108	NP	4.5	454897	4797509	1212.5	G_WTG35	2648.0	32.5	32.6	32.6	32.6	32.6	32.6	32.6	40.0	43.0	45.0	49.0	51.0	C
GSH2115	NP	4.5	455087	4797752	1520.4	G_WTG35	2917.7	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH2118	NP	4.5	454045	4798011	981.5	G_WTG65	3169.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C
GSH2120	NP	4.5	454401	4798169	909.4	G_WTG65	3289.7	34.3	34.5	34.5	34.5	34.5	34.5	34.5	40.0	43.0	45.0	49.0	51.0	C
GSH2121	NP	4.5	455028	4798430	1159.3	G_WTG65	3578.3	32.2	32.4	32.4	32.4	32.4	32.4	32.4	40.0	43.0	45.0	49.0	51.0	C
GSH2125	NP	4.5	454554	4798816	568.0	G_WTG65	3933.0	37.4	37.5	37.5	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C
GSH2128	NP	4.5	454293	4800236	627.8	G_WTG67	5359.5	36.8	37.0	37.0	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C
GSH2129	NP	4.5	454384	4800243	686.5	G_WTG67	5362.8	36.1	36.2	36.2	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH2131	NP	4.5	454456	4800122	650.6	G_WTG67	5240.0	36.4	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C		
GSH2133	NP	4.5	455415	4800278	1567.7	G_WTG67	5463.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2136	NP	4.5	455650	4800444	1848.3	G_WTG67	5667.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2137	NP	4.5	455854	4800248	1974.6	G_WTG67	5519.8	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH219	NP	4.5	445793	4804523	1690.1	G_WTG08	13027.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH220	NP	4.5	445628	4804501	1804.8	G_WTG08	13123.1	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2216	NP	4.5	441306	4791258	714.9	G_WTG79	13736.9	36.6	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C		
GSH2219	NP	4.5	441421	4791275	609.9	G_WTG79	13621.5	37.7	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C		
GSH2226	NP	4.5	455854	4800293	1987.4	G_WTG67	5563.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2228	NP	4.5	450504	4799641	1512.5	G_WTG15	6249.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2241	NP	4.5	450209	4801760	1340.9	G_WTG14	8135.7	33.5	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C		
GSH2242	NP	4.5	450081	4801634	1206.0	G_WTG14	8099.5	34.0	34.1	34.1	34.1	34.1	40.0	43.0	45.0	49.0	51.0	C		
GSH2244	NP	4.5	450076	4801634	1201.0	G_WTG14	8102.2	34.0	34.1	34.1	34.1	34.1	40.0	43.0	45.0	49.0	51.0	C		
GSH2248	NP	4.5	446502	4800968	1169.0	G_WTG09	10094.3	32.2	32.2	32.3	32.3	32.3	40.0	43.0	45.0	49.0	51.0	C		
GSH2249	NP	4.5	446372	4800946	1232.3	G_WTG09	10185.2	32.0	31.9	32.1	32.1	32.1	40.0	43.0	45.0	49.0	51.0	C		
GSH2256	NP	4.5	451980	4804591	680.5	G_WTG05	10044.0	37.0	37.2	37.2	37.2	37.2	40.0	43.0	45.0	49.0	51.0	C		
GSH2269	NP	4.5	439152	4792170	1694.1	G_WTG84	15641.1	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH227	NP	4.5	445858	4804114	1399.0	G_WTG08	12683.3	37.8	37.5	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C		
GSH2270	NP	4.5	439137	4792138	1658.8	G_WTG84	15661.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2273	NP	4.5	442659	4789760	1228.4	G_WTG53	12953.1	31.7	31.8	31.8	31.8	31.8	40.0	43.0	45.0	49.0	51.0	C		
GSH2279	NP	4.5	449234	4789179	1577.0	G_WTG42	7801.2	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2284	NP	4.5	436332	4787693	1229.7	G_WTG61	19591.1	32.8	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C		
GSH2287	NP	4.5	436153	4787352	1589.8	G_WTG61	19884.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2288	NP	4.5	435638	4787385	1973.8	G_WTG61	20349.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2290	NP	4.5	440027	4786491	1886.4	G_WTG52	16778.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2291	NP	4.5	440052	4786523	1852.9	G_WTG52	16740.8	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2292	NP	4.5	439927	4786538	1849.2	G_WTG52	16841.8	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2295	NP	4.5	439980	4786818	1564.9	G_WTG52	16658.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2305	NP	4.5	454802	4799768	849.2	G_WTG67	4891.2	34.7	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C		
GSH2334	NP	4.5	448073	4804909	717.9	G_WTG10	11939.4	37.5	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C		
GSH2336	NP	4.5	447802	4804293	970.5	G_WTG10	11582.9	37.9	37.9	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C		
GSH2343	NP	4.5	449583	4792102	848.2	G_WTG41	5697.8	36.2	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C		
GSH2350	NP	4.5	452069	4803433	929.3	G_WTG06	8904.4	34.2	34.4	34.4	34.4	34.4	40.0	43.0	45.0	49.0	51.0	C		
GSH2352	NP	4.5	449581	4807202	1702.4	G_WTG02	13285.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2354	NP	4.5	449450	4807236	1805.3	G_WTG02	13366.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH2356	NP	4.5	449669	4806476	1098.1	G_WTG02	12581.0	33.0	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C		



Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH2357	NP	4.5	449883	4803948	881.5	G_WTG72	10198.6	37.8	37.9	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C	
GSH2358	NP	4.5	449878	4804018	856.9	G_WTG72	10263.1	37.8	37.9	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C	
GSH2361	NP	4.5	450291	4802770	1189.1	G_WTG12	8966.3	34.8	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	
GSH237	NP	4.5	445760	4803673	1335.8	G_WTG08	12435.2	36.0	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	
GSH2370	NP	4.5	451423	4794638	1016.6	G_WTG71	3142.6	34.8	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	
GSH2371	NP	4.5	451311	4795103	705.7	G_WTG71	3252.4	36.2	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	
GSH2372	NP	4.5	451284	4795146	700.0	G_WTG71	3282.6	36.2	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	
GSH2373	NP	4.5	451005	4798141	1346.6	G_WTG31	4819.1	31.6	31.7	31.7	31.7	31.7	31.7	40.0	43.0	45.0	49.0	51.0	C	
GSH2379	NP	4.5	444593	4798034	1948.3	G_WTG80	10449.4	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH2380	NP	4.5	444605	4798053	1959.5	G_WTG80	10443.7	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH2381	NP	4.5	446807	4796605	1071.6	G_WTG23	7938.0	35.4	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	
GSH2386	NP	4.5	447145	4794884	803.8	G_WTG66	7411.0	38.1	38.3	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C	
GSH242	NP	4.5	445762	4803341	1311.2	G_WTG08	12201.3	35.3	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	
GSH243	NP	4.5	445976	4802403	909.6	G_WTG09	11409.1	34.9	34.8	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C	
GSH244	NP	4.5	446129	4802319	737.5	G_WTG09	11238.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	
GSH250	NP	4.5	446226	4801292	1000.8	G_WTG09	10510.2	33.2	33.1	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	
GSH259	NP	4.5	446061	4800875	1437.9	G_WTG09	10395.6	31.6	31.4	31.6	31.6	31.6	31.6	40.0	43.0	45.0	49.0	51.0	C	
GSH260	NP	4.5	446375	4800948	1229.3	G_WTG09	10184.0	32.0	31.9	32.1	32.1	32.1	32.1	40.0	43.0	45.0	49.0	51.0	C	
GSH270	NP	4.5	446423	4800560	1583.2	G_WTG09	9918.4	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH274	NP	4.5	446152	4800361	1857.2	G_WTG09	10031.7	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH275	NP	4.5	446400	4800302	1839.0	G_WTG09	9792.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH329	NP	4.5	446629	4797579	1688.2	G_WTG80	8372.9	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH330	NP	4.5	446745	4797565	1651.8	G_WTG23	8258.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH332	NP	4.5	446791	4797288	1422.2	G_WTG23	8128.9	32.4	32.6	32.6	32.6	32.6	32.6	40.0	43.0	45.0	49.0	51.0	C	
GSH335	NP	4.5	446801	4797100	1295.0	G_WTG23	8065.7	33.3	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C	
GSH337	NP	4.5	446917	4796983	1132.5	G_WTG23	7922.4	33.8	33.9	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C	
GSH3411	NP	4.5	450302	4789177	1543.8	G_WTG68	7117.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH3412	NP	4.5	450276	4789160	1564.9	G_WTG68	7146.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH3413	NP	4.5	450217	4789206	1533.4	G_WTG68	7145.9	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH3419	NP	4.5	455606	4793984	910.8	G_WTG50	1382.4	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	
GSH342	NP	4.5	446758	4796597	1117.1	G_WTG23	7984.1	35.4	35.5	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C	
GSH3420	NP	4.5	455605	4794012	931.9	G_WTG50	1363.5	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	
GSH3421	NP	4.5	455588	4794036	940.9	G_WTG50	1335.0	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	
GSH3422	NP	4.5	455589	4794054	955.8	G_WTG50	1324.3	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	
GSH3423	NP	4.5	455586	4794070	967.4	G_WTG50	1312.3	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	
GSH3424	NP	4.5	455579	4794089	979.8	G_WTG50	1294.4	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Compliance Test				
			X	Y				6	7	8	9	10	6		7	8	9	10
GSH3425	NP	4.5	455577	4794109	995.7	G_WTG50	1281.2	35.3	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C
GSH3426	NP	4.5	455576	4794130	1012.9	G_WTG50	1267.5	35.3	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C
GSH3427	NP	4.5	455602	4794151	1044.0	G_WTG50	1276.5	35.1	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C
GSH3428	NP	4.5	455626	4794150	1056.8	G_WTG50	1297.0	35.0	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C
GSH3429	NP	4.5	455648	4794123	1046.4	G_WTG50	1330.9	34.9	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C
GSH3430	NP	4.5	455657	4794153	1076.7	G_WTG50	1321.0	34.8	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C
GSH3431	NP	4.5	455687	4794158	1097.8	G_WTG50	1343.3	34.6	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C
GSH3432	NP	4.5	455704	4794165	1113.8	G_WTG50	1353.6	34.5	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C
GSH3433	NP	4.5	455717	4794165	1121.7	G_WTG50	1364.8	34.5	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C
GSH3434	NP	4.5	455729	4794167	1130.4	G_WTG50	1374.4	34.4	34.5	34.5	34.5	34.5	40.0	43.0	45.0	49.0	51.0	C
GSH3435	NP	4.5	455741	4794173	1142.8	G_WTG50	1381.5	34.3	34.5	34.5	34.5	34.5	40.0	43.0	45.0	49.0	51.0	C
GSH3436	NP	4.5	455783	4794174	1169.4	G_WTG50	1416.6	34.1	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C
GSH3437	NP	4.5	455811	4794177	1189.2	G_WTG50	1439.6	34.0	34.1	34.1	34.1	34.1	40.0	43.0	45.0	49.0	51.0	C
GSH3438	NP	4.5	455822	4794180	1199.3	G_WTG50	1448.5	33.9	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C
GSH3439	NP	4.5	455841	4794186	1216.6	G_WTG50	1462.1	33.8	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C
GSH3440	NP	4.5	446860	4796191	818.4	G_WTG22	7806.4	37.1	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C
GSH3441	NP	4.5	455820	4794176	1235.0	G_WTG50	1501.3	33.6	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C
GSH3442	NP	4.5	455923	4794174	1263.1	G_WTG50	1539.6	33.4	33.5	33.5	33.5	33.5	40.0	43.0	45.0	49.0	51.0	C
GSH3443	NP	4.5	456126	4794273	1477.4	G_WTG50	1684.4	32.3	32.4	32.4	32.4	32.4	40.0	43.0	45.0	49.0	51.0	C
GSH3443	NP	4.5	456047	4794258	1409.4	G_WTG50	1616.4	32.7	32.8	32.8	32.8	32.8	40.0	43.0	45.0	49.0	51.0	C
GSH3444	NP	4.5	456026	4794258	1395.3	G_WTG50	1597.1	32.8	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C
GSH3445	NP	4.5	455989	4794252	1364.7	G_WTG50	1565.4	33.0	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C
GSH3446	NP	4.5	455967	4794246	1345.2	G_WTG50	1548.4	33.1	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C
GSH3447	NP	4.5	455921	4794239	1308.6	G_WTG50	1509.6	33.4	33.5	33.5	33.5	33.5	40.0	43.0	45.0	49.0	51.0	C
GSH3448	NP	4.5	455903	4794235	1294.1	G_WTG50	1494.5	33.5	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C
GSH3449	NP	4.5	455871	4794258	1290.0	G_WTG50	1456.2	33.6	33.8	33.8	33.8	33.8	40.0	43.0	45.0	49.0	51.0	C
GSH3450	NP	4.5	455843	4794246	1263.1	G_WTG50	1436.4	33.8	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C
GSH3451	NP	4.5	455853	4794294	1306.7	G_WTG50	1424.3	33.7	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C
GSH3452	NP	4.5	455904	4794293	1338.3	G_WTG50	1471.0	33.5	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C
GSH3453	NP	4.5	455948	4794300	1372.8	G_WTG50	1509.1	33.3	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C
GSH3454	NP	4.5	455989	4794303	1401.6	G_WTG50	1545.6	33.0	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C
GSH3455	NP	4.5	456015	4794304	1420.6	G_WTG50	1569.3	32.9	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C
GSH3456	NP	4.5	455686	4794206	1136.6	G_WTG50	1317.4	34.6	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C
GSH3457	NP	4.5	455666	4794206	1125.0	G_WTG50	1299.7	34.8	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C
GSH3458	NP	4.5	455647	4794198	1108.3	G_WTG50	1288.4	34.9	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C
GSH3459	NP	4.5	455606	4794193	1082.1	G_WTG50	1256.2	35.1	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH3460	NP	4.5	455569	4794216	1082.4	G_WTG50	1212.9	35.3	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C		
GSH3461	NP	4.5	455559	4794237	1096.7	G_WTG50	1193.2	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C		
GSH3462	NP	4.5	455566	4794269	1119.4	G_WTG75	1182.4	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C		
GSH3463	NP	4.5	455559	4794288	1101.5	G_WTG75	1166.5	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C		
GSH3464	NP	4.5	455557	4794304	1088.7	G_WTG75	1156.0	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C		
GSH3465	NP	4.5	455550	4794320	1073.6	G_WTG75	1142.6	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C		
GSH3466	NP	4.5	455546	4794339	1058.3	G_WTG75	1129.8	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C		
GSH3467	NP	4.5	455545	4794364	1041.6	G_WTG75	1116.8	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C		
GSH3468	NP	4.5	455540	4794389	1022.6	G_WTG75	1101.3	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C		
GSH3469	NP	4.5	455537	4794408	1008.6	G_WTG75	1090.0	35.7	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C		
GSH3470	NP	4.5	455537	4794430	995.4	G_WTG75	1080.5	35.7	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C		
GSH3471	NP	4.5	455535	4794457	977.8	G_WTG75	1067.3	35.8	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C		
GSH3472	NP	4.5	455530	4794480	960.9	G_WTG75	1053.9	35.9	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C		
GSH3473	NP	4.5	455535	4794510	948.5	G_WTG75	1047.2	35.9	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C		
GSH3474	NP	4.5	455527	4794546	923.9	G_WTG75	1028.3	36.1	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C		
GSH3475	NP	4.5	455522	4794568	908.0	G_WTG75	1015.9	36.2	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C		
GSH350	NP	4.5	446911	4795634	625.1	G_WTG22	7681.8	38.9	39.0	39.0	39.0	39.0	40.0	43.0	45.0	49.0	51.0	C		
GSH358	NP	4.5	447121	4794355	801.3	G_WTG66	7453.7	38.0	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C		
GSH365	NP	4.5	447206	4793902	775.5	G_WTG86	7415.2	38.2	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C		
GSH366	NP	4.5	447368	4793656	618.4	G_WTG39	7292.0	38.6	38.7	38.7	38.7	38.7	40.0	43.0	45.0	49.0	51.0	C		
GSH370	NP	4.5	447294	4793224	749.9	G_WTG86	7449.1	37.8	38.0	38.0	38.0	38.0	40.0	43.0	45.0	49.0	51.0	C		
GSH371	NP	4.5	447223	4792987	792.2	G_WTG86	7574.1	37.5	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C		
GSH380	NP	4.5	447548	4791410	695.2	G_WTG64	7821.4	38.1	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C		
GSH382	NP	4.5	447606	4791043	662.5	G_WTG78	7940.3	37.8	37.9	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C		
GSH385	NP	4.5	447885	4790558	873.3	G_WTG78	7950.3	35.8	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C		
GSH388	NP	4.5	447354	4788916	1834.4	G_WTG78	9352.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH393	NP	4.5	446788	4788826	1910.0	G_WTG78	9850.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH395	NP	4.5	448464	4788902	1908.9	G_WTG42	8537.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH401	NP	4.5	448821	4789182	1564.2	G_WTG42	8086.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH402	NP	4.5	448706	4789013	1747.2	G_WTG42	8287.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH42	NP	4.5	435880	4787164	1917.4	G_WTG61	20208.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH43	NP	4.5	435890	4787195	1889.2	G_WTG61	20187.2	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH44	NP	4.5	435919	4787234	1841.5	G_WTG61	20145.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH456	NP	4.5	445858	4789646	1429.8	G_WTG38	10152.9	31.5	31.6	31.6	31.6	31.6	40.0	43.0	45.0	49.0	51.0	C		
GSH47	NP	4.5	435823	4787163	1960.5	G_WTG61	20261.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH470	NP	4.5	445625	4790039	1140.1	G_WTG38	10160.1	32.9	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Compliance Test			
			X	Y				6	7	8	9	10					
GSH474	NP	4.5	445741	4790142	995.7	G_WTG38	10009.1	33.9	34.1	34.1	34.1	40.0	43.0	45.0	49.0	51.0	C
GSH475	NP	4.5	445532	4790613	766.3	G_WTG38	9983.3	35.8	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C
GSH479	NP	4.5	445542	4790920	636.8	G_WTG38	9846.7	37.4	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C
GSH481	NP	4.5	445500	4791311	719.2	G_WTG38	9735.0	37.6	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C
GSH495	NP	4.5	445487	4791940	756.2	G_WTG36	9534.6	37.7	37.9	37.9	37.9	40.0	43.0	45.0	49.0	51.0	C
GSH50	NP	4.5	435804	4787584	1727.9	G_WTG61	20122.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH507	NP	4.5	445354	4792202	842.0	G_WTG36	9584.6	36.7	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C
GSH508	NP	4.5	445321	4792198	875.0	G_WTG36	9617.4	36.6	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C
GSH509	NP	4.5	445698	4792822	794.5	G_WTG36	9094.6	37.4	37.6	37.6	37.6	40.0	43.0	45.0	49.0	51.0	C
GSH51	NP	4.5	435974	4787456	1657.8	G_WTG61	20011.3	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH512	NP	4.5	445216	4793124	1171.0	G_WTG16	9504.2	36.3	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C
GSH513	NP	4.5	445320	4793008	1189.7	G_WTG36	9424.4	36.3	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C
GSH52	NP	4.5	435980	4787481	1638.0	G_WTG61	19996.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH521	NP	4.5	445162	4793358	976.6	G_WTG16	9517.0	36.7	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C
GSH522	NP	4.5	445102	4793796	734.7	G_WTG16	9516.3	38.0	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C
GSH523	NP	4.5	445244	4793778	696.2	G_WTG21	9377.3	38.2	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C
GSH524	NP	4.5	445268	4793737	697.5	G_WTG21	9358.4	38.1	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C
GSH533	NP	4.5	445158	4794251	700.2	G_WTG21	9419.2	38.6	38.7	38.7	38.7	40.0	43.0	45.0	49.0	51.0	C
GSH537	NP	4.5	445127	4794547	834.1	G_WTG21	9435.0	38.4	38.5	38.5	38.5	40.0	43.0	45.0	49.0	51.0	C
GSH539	NP	4.5	445006	4794507	837.7	G_WTG16	9557.4	38.0	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C
GSH54	NP	4.5	436116	4787567	1477.6	G_WTG61	19838.3	31.3	31.5	31.5	31.5	40.0	43.0	45.0	49.0	51.0	C
GSH541	NP	7.5	444946	4795496	680.3	G_WTG19	9629.5	39.1	39.2	39.2	39.2	40.0	43.0	45.0	49.0	51.0	C
GSH544	NP	4.5	444765	4796014	803.5	G_WTG80	9856.1	37.2	37.3	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C
GSH550	NP	4.5	444751	4796385	762.2	G_WTG80	9919.4	36.5	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C
GSH553	NP	4.5	444852	4796297	658.2	G_WTG80	9806.5	37.7	37.7	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C
GSH556	NP	4.5	444800	4796584	759.3	G_WTG80	9903.2	36.1	36.2	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C
GSH559	NP	4.5	444673	4796896	1018.9	G_WTG80	10085.9	34.1	34.1	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C
GSH56	NP	4.5	436220	4787609	1369.7	G_WTG61	19726.1	32.0	32.1	32.1	32.1	40.0	43.0	45.0	49.0	51.0	C
GSH563	NP	4.5	445345	4796844	554.1	G_WTG80	9417.4	37.9	38.0	38.0	38.0	40.0	43.0	45.0	49.0	51.0	C
GSH564	NP	4.5	444506	4797953	1921.2	G_WTG80	10508.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH567	NP	4.5	444605	4798053	1959.5	G_WTG80	10443.7	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH568	NP	4.5	444626	4797735	1672.7	G_WTG80	10331.4	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C
GSH57	NP	4.5	436266	4787656	1304.5	G_WTG61	19666.1	32.3	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C
GSH61	NP	4.5	436378	4787821	1116.3	G_WTG61	19501.6	33.5	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C
GSH64	NP	4.5	436562	4788408	733.8	G_WTG61	19123.5	36.5	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C
GSH65	NP	4.5	436572	4788596	734.9	G_WTG61	19051.3	36.7	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH70	NP	4.5	436664	4788807	719.7	G_WTG61	18895.5	37.3	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C		
GSH73	NP	4.5	436756	4789096	746.4	G_WTG60	18717.1	37.4	37.6	37.6	37.6	37.6	40.0	43.0	45.0	49.0	51.0	C		
GSH769	NP	4.5	439554	4788402	602.7	G_WTG52	16342.1	39.5	39.5	39.5	39.5	39.5	40.0	43.0	45.0	49.0	51.0	C		
GSH77	NP	4.5	436868	4789554	809.1	G_WTG60	18473.3	36.6	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C		
GSH772	NP	4.5	439315	4787271	1141.1	G_WTG63	17036.2	33.9	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C		
GSH78	NP	4.5	436577	4789928	1274.6	G_WTG60	18649.3	33.5	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C		
GSH782	NP	4.5	439723	4787786	729.4	G_WTG52	16443.4	36.6	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C		
GSH784	NP	4.5	439779	4787697	774.0	G_WTG52	16431.6	36.0	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C		
GSH785	NP	4.5	440033	4787833	553.8	G_WTG52	16143.7	38.2	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C		
GSH791	NP	4.5	440415	4787786	641.6	G_WTG52	15822.0	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C		
GSH792	NP	4.5	440700	4787826	771.5	G_WTG52	15549.6	35.3	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C		
GSH801	NP	4.5	439036	4791109	778.0	G_WTG84	15972.3	36.4	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C		
GSH802	NP	4.5	439353	4790837	594.6	G_WTG54	15732.2	38.1	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C		
GSH803	NP	4.5	439378	4790850	585.5	G_WTG54	15704.7	38.1	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C		
GSH807	NP	4.5	439500	4791426	1032.2	G_WTG54	15447.8	34.1	34.3	34.3	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C		
GSH811	NP	4.5	439014	4791841	1338.1	G_WTG84	15836.9	32.2	32.3	32.3	32.3	32.3	40.0	43.0	45.0	49.0	51.0	C		
GSH82	NP	4.5	437059	4790173	1063.6	G_WTG57	18119.9	35.3	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C		
GSH821	NP	4.5	439541	4792115	1697.7	G_WTG54	15268.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH83	NP	4.5	437095	4790318	1029.6	G_WTG57	18047.9	35.1	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C		
GSH84	NP	4.5	437088	4790351	1039.8	G_WTG57	18046.3	35.0	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C		
GSH85	NP	4.5	437079	4790357	1049.5	G_WTG57	18053.5	34.9	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH851	NP	4.5	441384	4793142	1598.4	G_WTG79	13286.6	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH854	NP	4.5	441042	4793130	1731.6	G_WTG79	13627.2	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH862	NP	4.5	441673	4793563	1843.1	G_WTG83	12950.4	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH864	NP	4.5	441678	4793548	1828.8	G_WTG83	12947.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C		
GSH865	NP	4.5	440955	4792734	1459.3	G_WTG79	13769.7	30.8	30.9	30.8	30.8	30.8	40.0	43.0	45.0	49.0	51.0	C		
GSH87	NP	4.5	437216	4790664	1002.8	G_WTG57	17845.9	34.7	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C		
GSH871	NP	4.5	441292	4792345	944.7	G_WTG79	13504.6	33.6	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C		
GSH874	NP	4.5	441208	4792035	811.9	G_WTG79	13648.5	34.6	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C		
GSH879	NP	4.5	441161	4791860	786.2	G_WTG79	13731.9	34.9	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C		
GSH879	NP	4.5	437402	4790656	834.7	G_WTG57	17667.1	36.0	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C		
GSH885	NP	4.5	441225	4791607	689.5	G_WTG79	13727.6	36.1	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C		
GSH890	NP	4.5	441332	4790705	820.0	G_WTG53	13868.3	35.7	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C		
GSH895	NP	4.5	441394	4790518	820.8	G_WTG53	13866.9	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C		
GSH896	NP	4.5	441587	4790457	686.8	G_WTG53	13703.4	36.3	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C		
GSH898	NP	4.5	441597	4790069	965.7	G_WTG53	13824.3	34.3	34.4	34.4	34.4	34.4	40.0	43.0	45.0	49.0	51.0	C		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10			
GSH900	NP	4.5	441483	4789804	1250.4	G_WTG53	14025.0	33.5	33.6	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C	
GSH904	NP	4.5	441473	4789473	1506.4	G_WTG55	14157.4	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH906	NP	4.5	441663	4789566	1387.7	G_WTG53	13946.3	32.6	32.7	32.7	32.7	32.7	32.7	40.0	43.0	45.0	49.0	51.0	C	
GSH909	NP	4.5	441705	4789334	1596.0	G_WTG53	13997.8	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH911	NP	4.5	441754	4789162	1751.0	G_WTG53	14022.2	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	
GSH918	NP	4.5	441334	4788992	1330.7	G_WTG52	14475.0	33.2	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	
GSH92	NP	4.5	437475	4791235	1104.5	G_WTG84	17466.2	33.6	33.7	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C	
GSH936	NP	4.5	441612	4788459	1458.5	G_WTG52	14450.4	31.4	31.5	31.5	31.5	31.5	31.5	40.0	43.0	45.0	49.0	51.0	C	
GSH937	NP	4.5	441825	4788441	1670.4	G_WTG52	14268.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	







Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10				
GSH1175	VNP	4.5	447679	4805847	1624.2	G_WTG10	12942.3	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_1		
GSH1310A	VNP	4.5	445856	4803953	1328.0	G_WTG08	12568.0	37.1	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_2		
GSH2391	VNP	4.5	450432	4789350	1335.8	G_WTG68	6900.8	30.7	30.9	30.9	30.9	30.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_3		
GSH2392	VNP	4.5	450236	4789282	1454.5	G_WTG68	7073.4	30.6	30.7	30.7	30.7	30.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_4		
GSH2393	VNP	4.5	450089	4789307	1472.2	G_WTG68	7144.6	30.7	30.8	30.8	30.8	30.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_5		
GSH2394	VNP	4.5	450046	4789394	1406.1	G_WTG68	7104.2	31.1	31.2	31.2	31.2	31.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_6		
GSH2395	VNP	4.5	449858	4789235	1628.3	G_WTG68	7346.5	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_7		
GSH2396	VNP	4.5	449587	4789251	1601.4	G_WTG42	7510.7	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_8		
GSH2398	VNP	4.5	448686	4789131	1634.5	G_WTG42	8218.4	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_9		
GSH2399	VNP	4.5	448425	4789090	1741.2	G_WTG42	8434.9	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_10		
GSH2401	VNP	4.5	447410	4788770	1988.2	G_WTG78	9403.9	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_11		
GSH2403	VNP	4.5	447575	4788963	1841.4	G_WTG78	9153.2	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_12		
GSH2404	VNP	4.5	447107	4788893	1829.7	G_WTG78	9558.6	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_13		
GSH2405	VNP	4.5	446524	4788802	1983.8	G_WTG78	10074.3	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_14		
GSH2412	VNP	4.5	441787	4788961	1733.8	G_WTG52	14075.4	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_15		
GSH2413	VNP	4.5	440712	4787971	686.1	G_WTG52	15473.6	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_16		
GSH2421	VNP	4.5	437122	4787431	853.8	G_WTG62	18959.9	36.1	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_17		
GSH2422	VNP	4.5	436905	4787494	987.8	G_WTG62	19135.2	35.3	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_18		
GSH2423	VNP	4.5	436604	4787754	986.5	G_WTG61	19315.7	34.7	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_19		
GSH2424	VNP	4.5	436477	4787726	1097.6	G_WTG61	19444.1	33.8	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_20		
GSH2425	VNP	4.5	436520	4787936	934.1	G_WTG61	19327.7	34.8	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_21		
GSH2426	VNP	4.5	437084	4787575	793.5	G_WTG62	18938.8	36.9	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_22		
GSH2427	VNP	4.5	436628	4788178	722.9	G_WTG61	19140.8	36.6	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_23		
GSH2428	VNP	4.5	436831	4788946	672.0	G_WTG61	18692.9	38.7	38.8	38.8	38.8	38.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_24		
GSH2429	VNP	4.5	436867	4789121	638.0	G_WTG60	18603.8	38.4	38.6	38.6	38.6	38.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_25		
GSH2430	VNP	4.5	436800	4789342	759.4	G_WTG60	18600.5	37.0	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_26		
GSH2431	VNP	4.5	437052	4789605	713.9	G_WTG60	18282.4	37.7	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_27		
GSH2432	VNP	4.5	436916	4789636	828.0	G_WTG60	18403.8	36.6	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_28		
GSH2433	VNP	4.5	436817	4789801	1015.8	G_WTG60	18452.6	35.3	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_29		
GSH2434	VNP	4.5	436993	4790022	1096.7	G_WTG60	18223.3	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_30		
GSH2435	VNP	4.5	436905	4789846	994.4	G_WTG60	18355.6	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_31		
GSH2436	VNP	4.5	438851	4789724	889.4	G_WTG57	16530.6	38.4	38.5	38.5	38.5	38.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_32		
GSH2441	VNP	4.5	438956	4790782	562.4	G_WTG84	16130.0	38.8	38.9	38.9	38.9	38.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_33		
GSH2442	VNP	4.5	439022	4791413	980.5	G_WTG84	15916.8	34.6	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_34		
GSH2443	VNP	4.5	439163	4791115	886.6	G_WTG84	15847.5	36.1	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_35		
GSH2445	VNP	4.5	439254	4792030	1620.2	G_WTG84	15565.7	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_36		
GSH2500	VNP	4.5	442919	4794545	1581.4	G_WTG16	11641.9	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_37		
GSH2540	VNP	4.5	451691	4806697	1481.4	G_WTG03	12156.4	31.1	31.2	31.2	31.2	31.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_38		
GSH2541	VNP	4.5	451648	4806914	1981.0	G_WTG02	12377.5	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_39		
GSH2542	VNP	4.5	451634	4807347	1921.0	G_WTG02	12801.9	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_40		
GSH2545	VNP	4.5	452321	4806049	1444.4	G_WTG03	11387.5	31.1	31.3	31.3	31.3	31.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_41		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)										Sound Level Limit (dBA)										Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10												
GSH2546	VNP	4.5	452205	4806042	1340.0	G_WTG03	11404.0	31.7	31.9	31.9	31.9	31.9	31.9	31.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_42								
GSH2547	VNP	4.5	451802	4805986	977.0	G_WTG03	11439.5	34.2	34.4	34.4	34.4	34.4	34.4	34.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_43								
GSH2548	VNP	4.5	451917	4805301	868.1	G_WTG03	10747.0	36.1	36.3	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_44								
GSH2550	VNP	4.5	451938	4805181	852.2	G_WTG03	10625.6	36.3	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_45								
GSH2556	VNP	4.5	452105	4803964	922.6	G_WTG06	9406.0	35.2	35.4	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_46								
GSH2557	VNP	4.5	452381	4802067	1616.2	G_WTG03	7506.0	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_47								
GSH2558	VNP	4.5	452191	4803373	1064.8	G_WTG06	8813.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_48								
GSH2559	VNP	4.5	452214	4803272	1127.0	G_WTG06	8709.8	32.8	33.0	33.0	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_49								
GSH2560	VNP	4.5	452292	4802676	1543.6	G_WTG06	8115.2	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_50								
GSH2561	VNP	4.5	452395	4801940	1500.2	G_WTG03	7380.5	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_51								
GSH2562	VNP	4.5	452473	4801361	997.9	G_WTG03	6804.7	32.8	33.0	33.0	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_52								
GSH2563	VNP	4.5	452514	4801149	830.7	G_WTG03	6590.3	34.1	34.2	34.2	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_53								
GSH2565	VNP	4.5	452883	4798693	908.3	G_WTG34	4161.1	36.3	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_54								
GSH2566	VNP	4.5	454850	4798479	980.8	G_WTG65	3608.0	33.3	33.5	33.5	33.5	33.5	33.5	33.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_55								
GSH2567	VNP	4.5	454801	4798889	793.7	G_WTG65	4013.5	34.9	35.1	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_56								
GSH2569	VNP	4.5	452996	4797885	662.5	G_WTG31	3383.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_57								
GSH2570	VNP	4.5	454895	4798136	1228.4	G_WTG65	3270.6	32.3	32.4	32.4	32.4	32.4	32.4	32.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_58								
GSH2571	VNP	4.5	455137	4796548	1049.5	G_WTG35	1763.5	33.9	34.0	34.0	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_59								
GSH2572	VNP	4.5	455169	4796333	1113.7	G_WTG35	1574.3	34.2	34.3	34.3	34.3	34.3	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_60								
GSH2573	VNP	4.5	453320	4795823	659.8	G_WTG74	1552.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_61								
GSH2574	VNP	4.5	455250	4795718	874.6	G_WTG75	1085.8	36.1	36.2	36.2	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_62								
GSH2577	VNP	4.5	453502	4794785	797.5	G_WTG74	1058.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_63								
GSH2579	VNP	4.5	454588	4794079	566.6	G_WTG76	804.6	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_64							
GSH2580	VNP	4.5	454684	4794092	652.6	G_WTG76	801.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_65								
GSH2581	VNP	4.5	454907	4794125	862.7	G_WTG76	835.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_66								
GSH2583	VNP	4.5	454986	4794217	836.8	G_WTG75	792.8	38.4	38.5	38.5	38.5	38.5	38.5	38.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_67								
GSH2584	VNP	4.5	455065	4794136	865.4	G_WTG50	903.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_68								
GSH2585	VNP	4.5	455345	4794313	931.9	G_WTG75	973.4	36.7	36.8	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_69								
GSH2586	VNP	4.5	455404	4794370	931.5	G_WTG75	991.1	36.5	36.6	36.6	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_70								
GSH2587	VNP	4.5	455393	4794173	968.6	G_WTG50	1097.6	36.3	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_71								
GSH2588	VNP	4.5	455388	4794295	974.0	G_WTG75	1018.8	36.4	36.5	36.5	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_72								
GSH2589	VNP	4.5	455400	4794219	1014.1	G_WTG50	1073.9	36.2	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_73								
GSH2590	VNP	4.5	455413	4794179	981.6	G_WTG50	1109.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_74								
GSH2592	VNP	4.5	455546	4793954	850.0	G_WTG50	1357.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_75								
GSH2593	VNP	4.5	455529	4794074	940.2	G_WTG50	1265.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_76								
GSH2594	VNP	4.5	455535	4794092	958.7	G_WTG50	1258.6	35.5	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_77								
GSH2595	VNP	4.5	455533	4794109	972.3	G_WTG50	1246.4	35.5	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_78								
GSH2596	VNP	4.5	455536	4794120	983.3	G_WTG50	1242.0	35.5	35.6	35.6	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_79								
GSH2597	VNP	4.5	455304	4794193	959.1	G_WTG50	1017.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_80								
GSH2603	VNP	4.5	453773	4792539	866.2	G_WTG49	2471.3	36.8	36.9	36.9	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_81								
GSH2604	VNP	4.5	453810	4792360	911.4	G_WTG49	2631.0	36.2	36.4	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_82								

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)							Sound Level Limit (dBA)							Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10						
GSH2605	VNP	4.5	453907	4791743	880.8	G_WTG77	3206.4	35.1	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_83				
GSH2607	VNP	4.5	453831	4791066	667.3	G_WTG77	3885.2	35.6	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_84				
GSH2609	VNP	4.5	453768	4791520	647.2	G_WTG77	3454.1	36.3	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_85				
GSH2610	VNP	4.5	453739	4791724	736.9	G_WTG77	3262.9	36.0	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_86				
GSH2611	VNP	4.5	452687	4791611	623.6	G_WTG77	3768.2	37.5	37.6	37.6	37.6	37.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_87				
GSH2612	VNP	4.5	451833	4791502	1045.0	G_WTG69	4341.2	35.9	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_88				
GSH2615	VNP	4.5	451847	4791670	1071.9	G_WTG69	4202.6	36.2	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_89				
GSH2616	VNP	4.5	452687	4791769	729.4	G_WTG77	3631.8	37.3	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_90				
GSH2617	VNP	4.5	451721	4792343	745.4	G_WTG47	3806.4	38.1	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_91				
GSH2619	VNP	4.5	453425	4794103	801.0	G_WTG76	1373.9	37.4	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_92				
GSH2620	VNP	4.5	452021	4793756	649.7	G_WTG82	2774.2	37.8	38.0	38.0	38.0	38.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_93				
GSH2622	VNP	4.5	453421	4794207	857.0	G_WTG76	1321.1	37.1	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_94				
GSH2623	VNP	4.5	453396	4794327	947.8	G_WTG76	1286.4	36.9	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_95				
GSH2623	VNP	4.5	453361	4794456	1058.6	G_WTG76	1269.0	36.7	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_96				
GSH2624	VNP	4.5	453236	4795134	738.2	G_WTG74	1343.7	37.2	37.3	37.3	37.3	37.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_97				
GSH2625	VNP	4.5	453153	4795821	806.8	G_WTG74	1687.7	37.5	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_98				
GSH2626	VNP	4.5	451263	4795364	616.7	G_WTG71	3327.9	36.9	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_99				
GSH2627	VNP	4.5	451333	4794906	833.4	G_WTG71	3223.1	35.4	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_100				
GSH2628	VNP	4.5	451209	4795697	652.1	G_WTG71	3444.6	36.5	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_101				
GSH2630	VNP	4.5	451132	4796335	1053.0	G_WTG71	3719.2	34.4	34.5	34.5	34.5	34.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_102				
GSH2631	VNP	4.5	451070	4796663	1322.6	G_WTG33	3914.2	33.5	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_103				
GSH2632	VNP	4.5	450932	4797600	1441.3	G_WTG31	4529.4	31.9	32.0	32.0	32.0	32.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_104				
GSH2635	VNP	4.5	452250	4799781	882.9	G_WTG34	5413.7	34.7	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_105				
GSH2637	VNP	4.5	450324	4801702	1451.1	G_WTG14	8025.5	33.0	33.2	33.2	33.2	33.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_106				
GSH2638	VNP	4.5	451863	4801996	1878.1	G_WTG73	7605.7	--	--	--	--	--	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_107				
GSH2639	VNP	4.5	450341	4801885	1472.7	G_WTG13	8172.8	33.2	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_108				
GSH2640	VNP	4.5	450278	4802451	1358.1	G_WTG12	8693.4	34.2	34.3	34.3	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_109				
GSH2641	VNP	4.5	450141	4802963	971.2	G_WTG12	9207.5	35.7	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_110				
GSH2642	VNP	4.5	450245	4802655	1208.7	G_WTG12	8887.6	34.7	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_111				
GSH2643	VNP	4.5	452076	4803349	969.2	G_WTG06	8821.8	33.8	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_112				
GSH2644	VNP	4.5	452225	4802364	1738.2	G_WTG06	7835.7	--	--	--	--	--	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_113				
GSH2647	VNP	4.5	451822	4805104	714.6	G_WTG05	10580.3	37.5	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_114				
GSH2648	VNP	4.5	451817	4805188	771.0	G_WTG05	10662.8	37.3	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_115				
GSH2650	VNP	4.5	449778	4805861	746.2	G_WTG02	11972.7	36.4	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_116				
GSH2651	VNP	4.5	451491	4807140	1669.4	G_WTG02	12634.4	--	--	--	--	--	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_117				
GSH2657	VNP	4.5	449599	4806177	1002.1	G_WTG02	12333.9	34.1	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_118				
GSH2658	VNP	4.5	449630	4805824	891.0	G_WTG02	11998.8	35.5	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_119				
GSH2659	VNP	4.5	447760	4805328	1205.2	G_WTG10	12461.3	36.5	36.3	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_120				
GSH2660	VNP	4.5	448632	4805613	1015.0	G_WTG10	12256.7	34.3	34.3	34.3	34.3	34.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_121				
GSH2661	VNP	4.5	448704	4805649	1047.2	G_WTG10	12253.7	34.0	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_122				
GSH2662	VNP	4.5	447783	4805126	1075.3	G_WTG10	12279.8	37.1	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_123				

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)										Sound Level Limit (dBA)										Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10	6	7	8	9	10							
								6	7	8	9	10	6	7	8	9	10	6	7	8	9	10							
GSH2663	VNP	4.5	449791	4804663	795.5	G_WTG04	10879.0	38.0	38.2	38.1	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_124								
GSH2664	VNP	4.5	449849	4804415	824.0	G_WTG2	10630.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_125								
GSH2665	VNP	4.5	448061	4802988	849.8	G_WTG11	10386.3	37.3	37.4	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_126									
GSH2666	VNP	4.5	448157	4802750	912.0	G_WTG13	10140.9	37.1	37.2	37.2	37.2	37.2	37.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_127									
GSH2667	VNP	4.5	448170	4802576	814.9	G_WTG13	9998.2	37.1	37.2	37.2	37.2	37.2	37.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_128									
GSH2669	VNP	4.5	450021	4801727	1150.6	G_WTG14	8210.1	34.3	34.5	34.5	34.5	34.5	34.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_129									
GSH2670	VNP	4.5	448403	4800983	796.0	G_WTG14	8664.3	35.9	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_130									
GSH2674	VNP	4.5	449954	4799743	1014.8	G_WTG15	6693.1	32.3	32.4	32.4	32.4	32.4	32.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_131									
GSH2675	VNP	4.5	451784	4799946	1375.5	G_WTG34	5772.2	32.1	32.2	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_132									
GSH2676	VNP	4.5	450328	4799736	1313.1	G_WTG15	6436.4	31.2	31.3	31.3	31.3	31.3	31.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_133									
GSH2677	VNP	4.5	449209	4799556	894.2	G_WTG15	7101.2	33.0	33.1	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_134									
GSH2678	VNP	4.5	449143	4799535	918.8	G_WTG15	7137.3	32.8	32.9	32.9	32.9	32.9	32.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_135									
GSH2679	VNP	4.5	449101	4799452	1005.8	G_WTG15	7115.7	32.1	32.3	32.3	32.3	32.3	32.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_136									
GSH2681	VNP	4.5	448266	4800796	1020.4	G_WTG15	8632.9	34.5	34.7	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_137									
GSH2683	VNP	4.5	448161	4801353	763.7	G_WTG14	9097.1	36.0	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_138									
GSH2684	VNP	4.5	447655	4801316	1131.2	G_WTG09	9434.4	34.1	34.2	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_139									
GSH2685	VNP	4.5	447364	4801388	882.0	G_WTG09	9697.4	34.5	34.6	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_140									
GSH2686	VNP	4.5	448336	4800142	941.8	G_WTG15	8145.3	33.1	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_141									
GSH2687	VNP	4.5	448319	4799793	1120.0	G_WTG15	7937.8	31.6	31.7	31.7	31.7	31.7	31.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_142									
GSH2689	VNP	4.5	448388	4799719	1112.0	G_WTG15	7837.8	31.6	31.7	31.7	31.7	31.7	31.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_143									
GSH2690	VNP	4.5	448283	4799707	1200.5	G_WTG15	7913.4	31.0	31.1	31.1	31.1	31.1	31.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_144									
GSH2691	VNP	4.5	448163	4799689	1307.3	G_WTG15	7998.0	30.6	30.7	30.7	30.7	30.7	30.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_145									
GSH2692	VNP	4.5	448208	4799663	1433.4	G_WTG15	8090.9	30.0	30.1	30.1	30.1	30.1	30.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_146									
GSH2693	VNP	4.5	448118	4799602	1395.3	G_WTG15	7982.3	30.1	30.2	30.2	30.2	30.2	30.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_147									
GSH2694	VNP	4.5	448349	4799557	1251.6	G_WTG15	7770.0	30.7	30.8	30.8	30.8	30.8	30.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_148									
GSH2695	VNP	4.5	448393	4799542	1232.2	G_WTG15	7725.9	30.8	30.9	30.9	30.9	30.9	30.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_149									
GSH2696	VNP	4.5	448151	4799518	1422.8	G_WTG15	7906.2	30.0	30.1	30.1	30.1	30.1	30.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_150									
GSH2697	VNP	4.5	448093	4799320	1600.2	G_WTG15	7839.5	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_151									
GSH2698	VNP	4.5	448140	4799345	1549.3	G_WTG15	7815.0	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_152									
GSH2699	VNP	4.5	448141	4799308	1575.2	G_WTG15	7793.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_153									
GSH2700	VNP	4.5	448128	4799229	1642.1	G_WTG15	7759.3	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_154									
GSH2701	VNP	4.5	448496	4799068	1563.0	G_WTG15	7364.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_155									
GSH2702	VNP	4.5	448486	4799145	1500.2	G_WTG15	7416.8	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_156									
GSH2703	VNP	4.5	448624	4798883	1678.7	G_WTG15	7154.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_157									
GSH2704	VNP	4.5	448650	4798826	1723.1	G_WTG15	7101.3	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_158									
GSH2705	VNP	4.5	448650	4798793	1754.3	G_WTG15	7083.0	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_159									
GSH2706	VNP	4.5	448870	4799364	1142.9	G_WTG15	7239.5	31.2	31.4	31.4	31.4	31.4	31.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_160									
GSH2707	VNP	4.5	448967	4799444	1038.8	G_WTG15	7213.9	31.9	32.0	32.0	32.0	32.0	32.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_161									
GSH2708	VNP	4.5	449006	4799444	1029.8	G_WTG15	7183.7	31.9	32.0	32.0	32.0	32.0	32.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_162									
GSH2709	VNP	4.5	449026	4799460	1010.0	G_WTG15	7178.4	32.0	32.2	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_163									
GSH2710	VNP	4.5	448362	4799482	1297.5	G_WTG15	7714.7	30.5	30.6	30.6	30.6	30.6	30.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_164									

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10				
GSH2711	VNP	4.5	448216	4799238	1577.7	G_WTG15	7691.7	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_165		
GSH2712	VNP	4.5	448346	4799332	1422.8	G_WTG15	7639.2	30.0	30.1	30.1	30.1	30.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_166		
GSH2713	VNP	4.5	448325	4799327	1429.8	G_WTG15	7653.4	29.9	30.1	30.1	30.1	30.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_167		
GSH2714	VNP	4.5	448690	4799254	1310.6	G_WTG15	7315.4	30.4	30.6	30.6	30.6	30.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_168		
GSH2715	VNP	4.5	448749	4799558	1011.5	G_WTG15	7455.0	32.0	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_169		
GSH2716	VNP	4.5	449047	4799529	938.2	G_WTG15	7206.6	32.6	32.7	32.7	32.7	32.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_170		
GSH2717	VNP	4.5	448638	4799563	1064.2	G_WTG15	7544.9	31.7	31.8	31.8	31.8	31.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_171		
GSH2718	VNP	4.5	448560	4799685	1014.3	G_WTG15	7681.9	32.1	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_172		
GSH2719	VNP	4.5	448532	4798890	1707.4	G_WTG15	7235.0	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_173		
GSH2722	VNP	4.5	448744	4798529	1980.5	G_WTG15	6861.0	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_174		
GSH2723	VNP	4.5	448677	4798715	1819.8	G_WTG15	7017.6	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_175		
GSH2724	VNP	4.5	450803	4797318	1649.7	G_WTG31	4473.7	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_176		
GSH2726	VNP	4.5	450951	4796559	1340.5	G_WTG71	3975.6	33.2	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_177		
GSH2728	VNP	4.5	449158	4795671	1471.3	G_WTG23	5455.2	32.6	32.8	32.8	32.8	32.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_178		
GSH2730	VNP	4.5	449309	4795060	1258.0	G_WTG81	5250.0	33.2	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_179		
GSH2734	VNP	4.5	451195	4794881	942.8	G_WTG71	3361.0	35.0	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_180		
GSH2735	VNP	4.5	451229	4794705	1056.6	G_WTG71	3331.8	34.7	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_181		
GSH2736	VNP	4.5	449374	4794188	794.5	G_WTG81	5228.4	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_182		
GSH2738	VNP	4.5	449197	4794348	992.1	G_WTG81	5385.6	34.5	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_183		
GSH2739	VNP	4.5	451489	4793121	753.4	G_WTG82	3537.1	37.3	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_184		
GSH2740	VNP	4.5	449577	4792874	781.5	G_WTG82	3649.7	37.6	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_185		
GSH2741	VNP	4.5	449614	4792596	1379.4	G_WTG41	5395.2	34.4	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_186		
GSH2742	VNP	4.5	449708	4791946	881.2	G_WTG41	5445.5	34.8	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_187		
GSH2745	VNP	4.5	451687	4791494	899.1	G_WTG69	4440.3	36.3	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_188		
GSH2746	VNP	4.5	451741	4791072	1046.3	G_WTG69	4737.9	35.1	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_189		
GSH2747	VNP	4.5	449937	4790551	656.2	G_WTG68	6332.6	37.3	37.4	37.4	37.4	37.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_190		
GSH2748	VNP	4.5	449954	4790401	689.3	G_WTG68	6423.9	36.7	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_191		
GSH2749	VNP	4.5	451850	4790478	1291.5	G_WTG68	5169.8	32.9	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_192		
GSH2751	VNP	4.5	447779	4789844	1155.3	G_WTG78	8445.1	33.0	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_193		
GSH2753	VNP	4.5	447900	4790428	920.9	G_WTG78	8009.3	35.4	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_194		
GSH2754	VNP	4.5	447924	4790347	971.8	G_WTG78	8034.8	35.0	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_195		
GSH2755	VNP	4.5	447937	4790235	1031.6	G_WTG78	8088.0	34.5	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_196		
GSH2756	VNP	4.5	449372	4793200	1231.1	G_WTG81	5450.4	34.3	34.4	34.4	34.4	34.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_197		
GSH2757	VNP	4.5	449397	4792937	1422.5	G_WTG41	5513.8	34.3	34.4	34.4	34.4	34.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_198		
GSH2761	VNP	4.5	447604	4791982	666.4	G_WTG64	7533.0	38.0	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_199		
GSH2763	VNP	4.5	447589	4792077	652.9	G_WTG64	7510.8	37.8	38.0	38.0	38.0	38.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_200		
GSH2768	VNP	4.5	449232	4794036	940.8	G_WTG81	5391.0	34.9	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_201		
GSH2770	VNP	4.5	449090	4795145	1473.1	G_WTG81	5472.3	33.2	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_202		
GSH2771	VNP	4.5	449064	4795268	1577.7	G_WTG81	5505.5	—	—	—	—	—	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_203		
GSH2772	VNP	4.5	447181	4794729	808.9	G_WTG66	7376.6	37.8	38.0	38.0	38.0	38.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_204		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10				
GSH2773	VNP	4.5	447272	4794151	837.5	G_WTG39	7320.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_206
GSH2774	VNP	4.5	448993	4795421	1466.5	G_WTG23	5589.0	33.1	33.3	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_207
GSH2775	VNP	4.5	448956	4795634	1313.2	G_WTG23	5650.1	33.2	33.4	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_208
GSH2776	VNP	4.5	448910	4796099	1091.9	G_WTG23	5775.5	33.3	33.4	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_209
GSH2777	VNP	4.5	448814	4796861	1106.2	G_WTG23	6073.1	32.2	32.3	32.3	32.3	32.3	32.3	32.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_210
GSH2778	VNP	4.5	448761	4797264	1308.9	G_WTG23	6265.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_211
GSH2780	VNP	4.5	446976	4796403	870.0	G_WTG23	7730.9	36.7	36.8	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_212
GSH2781	VNP	4.5	448735	4797659	1599.8	G_WTG23	6449.0	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_213
GSH2790	VNP	4.5	447587	4799402	1945.4	G_WTG15	8305.9	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_214
GSH2791	VNP	4.5	446169	4801841	706.3	G_WTG09	10897.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_215
GSH2792	VNP	4.5	446102	4802709	955.6	G_WTG09	11520.3	35.3	35.2	35.2	35.2	35.2	35.2	35.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_216
GSH2793	VNP	4.5	447891	4803358	745.4	G_WTG11	10781.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_217
GSH2794	VNP	4.5	448013	4802577	960.2	G_WTG13	10099.9	36.6	36.7	36.7	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_218
GSH2797	VNP	4.5	447871	4803678	697.0	G_WTG11	11047.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_219
GSH2798	VNP	4.5	445795	4804722	1825.2	G_WTG08	13174.3	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_220
GSH2806	VNP	4.5	447550	4805795	1672.4	G_WTG10	12967.5	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_221
GSH2812	VNP	4.5	445625	4804735	1956.5	G_WTG08	13297.5	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_222
GSH2813	VNP	4.5	445723	4804036	1483.3	G_WTG08	12720.0	37.1	36.7	36.7	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_223
GSH2815	VNP	4.5	445828	4803092	1284.8	G_WTG08	11981.9	34.9	34.7	34.7	34.7	34.7	34.7	34.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_224
GSH2819	VNP	4.5	445989	4802260	858.0	G_WTG09	11305.5	35.0	34.9	34.9	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_225
GSH2841	VNP	4.5	446536	4798024	1993.3	G_WTG80	8613.1	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_226
GSH2844	VNP	4.5	445682	4797044	749.0	G_WTG80	9133.3	35.8	35.8	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_227
GSH2845	VNP	4.5	444817	4796944	935.9	G_WTG80	9954.7	34.5	34.5	34.6	34.6	34.6	34.6	34.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_228
GSH2846	VNP	4.5	444726	4797460	1387.7	G_WTG80	10162.2	32.4	32.2	32.5	32.5	32.5	32.5	32.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_229
GSH2847	VNP	4.5	444688	4797597	1522.9	G_WTG80	10234.4	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_230
GSH2848	VNP	4.5	444622	4796977	1107.6	G_WTG80	10152.3	33.6	33.6	33.7	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_231
GSH2849	VNP	4.5	444592	4797164	1250.4	G_WTG80	10221.8	32.9	32.9	33.1	33.1	33.1	33.1	33.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_232
GSH2850	VNP	4.5	444530	4797580	1600.2	G_WTG80	10382.4	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_233
GSH2851	VNP	4.5	444522	4797772	1760.4	G_WTG80	10441.6	-	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_234
GSH2857	VNP	4.5	446701	4797019	1333.2	G_WTG23	8140.2	33.6	33.7	33.7	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_235
GSH2858	VNP	4.5	444676	4796748	939.7	G_WTG80	10054.5	34.7	34.7	34.9	34.9	34.9	34.9	34.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_236
GSH2859	VNP	4.5	444380	4796698	1193.1	G_WTG80	10336.6	33.6	33.5	33.7	33.7	33.7	33.7	33.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_237
GSH2861	VNP	4.5	446814	4796332	941.3	G_WTG22	7876.4	36.5	36.6	36.6	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_238
GSH2862	VNP	4.5	446926	4795546	628.8	G_WTG22	7658.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_239
GSH2870	VNP	4.5	444900	4794847	863.3	G_WTG20	9656.1	37.5	37.6	37.7	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_240
GSH2871	VNP	4.5	444376	4794785	838.0	G_WTG16	10180.5	36.0	36.1	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_241
GSH2873	VNP	4.5	444871	4795276	810.0	G_WTG20	9693.0	37.7	37.8	37.8	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_242
GSH2874	VNP	4.5	444821	4795587	761.7	G_WTG19	9760.4	37.7	37.8	37.8	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_243
GSH2877	VNP	4.5	447192	4793737	679.0	G_WTG86	7452.6	38.5	38.6	38.6	38.6	38.6	38.6	38.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_244
GSH2879	VNP	4.5	446247	4792930	613.9	G_WTG86	8535.4	39.3	39.4	39.4	39.4	39.4	39.4	39.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_245
GSH2880	VNP	4.5	445300	4793244	1037.9	G_WTG21	9400.0	36.6	36.7	36.7	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_246

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)										Sound Level Limit (dBA)										Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10												
GSH2887	VNP	4.5	445038	4792776	1070.8	G_WTG17	9748.4	35.9	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_247									
GSH2888	VNP	4.5	445096	4792647	1124.3	G_WTG17	9720.7	35.8	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_248									
GSH2889	VNP	4.5	445225	4792655	1071.0	G_WTG36	9593.3	36.0	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_249									
GSH2891	VNP	4.5	445416	4792572	862.9	G_WTG36	9427.6	36.7	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_250									
GSH2892	VNP	4.5	445391	4792618	905.7	G_WTG36	9440.7	36.5	36.6	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_251									
GSH2893	VNP	4.5	445374	4792664	942.4	G_WTG36	9446.3	36.4	36.5	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_252									
GSH2894	VNP	4.5	445749	4792714	678.9	G_WTG36	9070.2	38.0	38.1	38.1	38.1	38.1	38.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_253									
GSH2896	VNP	4.5	445378	4792824	1027.0	G_WTG36	9406.1	36.3	36.5	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_254									
GSH2898	VNP	4.5	445212	4792335	992.8	G_WTG36	9685.2	36.0	36.2	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_255									
GSH2903	VNP	4.5	444701	4790638	1520.6	G_WTG38	10730.4	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_256									
GSH2904	VNP	4.5	443528	4791308	1091.6	G_WTG83	11593.0	34.1	34.2	34.2	34.2	34.2	34.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_257									
GSH2905	VNP	4.5	443503	4791507	913.4	G_WTG83	11557.1	35.0	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_259									
GSH2908	VNP	4.5	447675	4790500	684.6	G_WTG78	8158.4	36.6	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_260									
GSH2909	VNP	4.5	445677	4789766	1366.8	G_WTG38	10247.9	31.7	31.9	31.9	31.9	31.9	31.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_261									
GSH2910	VNP	4.5	443618	4789697	1891.4	G_WTG53	12105.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_262									
GSH2911	VNP	4.5	441685	4789831	1133.2	G_WTG53	13827.0	33.4	33.5	33.5	33.5	33.5	33.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_263									
GSH2912	VNP	4.5	441656	4789981	1010.7	G_WTG53	13800.0	33.9	34.0	34.0	34.0	34.0	34.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_264									
GSH2914	VNP	4.5	442954	4790393	948.3	G_WTG53	12440.5	33.5	33.6	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_265									
GSH2916	VNP	4.5	441865	4788189	1718.9	G_WTG52	14348.2	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_266									
GSH2917	VNP	4.5	441868	4788169	1724.1	G_WTG52	14354.9	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_267									
GSH2918	VNP	4.5	442118	4788111	1979.4	G_WTG52	14162.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_268									
GSH2919	VNP	4.5	443390	4791133	1185.7	G_WTG83	11778.9	33.8	33.9	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_269									
GSH2921	VNP	4.5	443291	4791736	603.6	G_WTG83	11696.3	37.3	37.5	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_270									
GSH2923	VNP	4.5	441502	4791004	646.8	G_WTG53	13618.1	37.7	37.8	37.8	37.8	37.8	37.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_271									
GSH2928	VNP	4.5	441119	4792468	1152.2	G_WTG79	13652.3	32.3	32.4	32.4	32.4	32.4	32.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_272									
GSH2929	VNP	4.5	441153	4792285	1001.5	G_WTG79	13652.5	33.2	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_273									
GSH2931	VNP	4.5	441315	4790996	829.5	G_WTG53	13799.7	36.2	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_274									
GSH2932	VNP	4.5	441235	4792654	1225.3	G_WTG79	13506.2	32.0	32.0	32.0	32.0	32.0	32.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_275									
GSH2937	VNP	4.5	450657	4799803	1570.5	G_WTG15	6277.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_276									
GSH2938	VNP	4.5	446113	4802214	727.6	G_WTG09	11181.6	35.8	35.7	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_277									
GSH2941	VNP	4.5	454021	4789879	1594.2	G_WTG77	5032.5	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_278									
GSH2947	VNP	4.5	455120	4796643	1031.7	G_WTG35	1848.2	33.8	33.9	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_279									
GSH2948	VNP	4.5	454876	4798358	1070.0	G_WTG65	3489.7	32.8	33.0	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_280									
GSH2949	VNP	4.5	451542	4797688	829.1	G_WTG31	4117.3	35.1	35.3	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_281									
GSH2950	VNP	4.5	451374	4793821	1100.2	G_WTG82	3354.5	35.3	35.4	35.4	35.4	35.4	35.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_282									
GSH2951	VNP	4.5	450539	4795006	1617.1	G_WTG15	6124.4	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_283									
GSH2952	VNP	4.5	441637	4787953	1539.4	G_WTG52	14660.3	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_284									
GSH2953	VNP	4.5	441542	4787934	1453.9	G_WTG52	14753.1	30.8	30.8	30.8	30.8	30.8	30.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_285									
GSH2956	VNP	4.5	449997	4789981	920.7	G_WTG68	6694.3	34.3	34.5	34.5	34.5	34.5	34.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_286									
GSH2957	VNP	4.5	453892	4798017	982.6	G_WTG65	3203.6	34.9	35.0	35.0	35.0	35.0	35.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_287									

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)										Sound Level Limit (dBA)										Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10												
GSH2958	VNP	4.5	448696	4799216	1343.0	G_WTG15	7288.0	30.3	30.4	30.4	30.4	30.4	30.4	30.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_288								
GSH2959	VNP	4.5	451792	4806090	1039.5	G_WTG03	11542.8	33.7	33.9	33.9	33.9	33.9	33.9	33.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_289								
GSH2963	VNP	4.5	451445	4794253	1283.0	G_WTG81	3174.1	34.7	34.8	34.8	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_290								
GSH2966	VNP	4.5	455190	4796108	1186.4	G_WTG75	1379.3	34.7	34.8	34.8	34.8	34.8	34.8	34.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_291								
GSH2967	VNP	4.5	454736	4794098	699.9	G_WTG76	805.4	39.2	39.3	39.3	39.3	39.3	39.3	39.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_292								
GSH2968	VNP	4.5	454781	4794104	741.7	G_WTG76	810.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_293								
GSH2969	VNP	4.5	454824	4794104	779.4	G_WTG76	823.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_294								
GSH2970	VNP	4.5	454871	4794114	825.6	G_WTG76	831.0	38.7	38.8	38.8	38.8	38.8	38.8	38.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_295								
GSH2971	VNP	4.5	455001	4794130	859.9	G_WTG50	874.7	38.2	38.3	38.3	38.3	38.3	38.3	38.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_296								
GSH2972	VNP	4.5	455133	4794143	876.9	G_WTG50	938.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_297								
GSH2973	VNP	4.5	455234	4794154	904.1	G_WTG50	995.6	37.1	37.2	37.2	37.2	37.2	37.2	37.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_298								
GSH2974	VNP	4.5	455276	4794157	916.9	G_WTG50	1022.5	36.9	37.0	37.0	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_299								
GSH2975	VNP	4.5	455313	4794165	934.8	G_WTG50	1043.3	36.7	36.8	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_300								
GSH2976	VNP	4.5	455345	4794223	999.7	G_WTG50	1028.7	36.6	36.7	36.7	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_301								
GSH2977	VNP	4.5	455467	4794543	873.8	G_WTG75	972.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_302								
GSH2978	VNP	4.5	455487	4794421	960.8	G_WTG75	1039.3	36.0	36.1	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_303								
GSH2979	VNP	4.5	455492	4794392	982.9	G_WTG75	1057.0	35.9	36.0	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_304								
GSH2980	VNP	4.5	455498	4794365	1004.7	G_WTG75	1075.0	35.9	36.0	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_305								
GSH2981	VNP	4.5	455500	4794349	1016.7	G_WTG75	1084.6	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_306								
GSH2982	VNP	4.5	455504	4794323	1036.8	G_WTG75	1101.0	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_307								
GSH2983	VNP	4.5	455505	4794299	1053.7	G_WTG75	1144.3	35.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_308								
GSH2984	VNP	4.5	455509	4794277	1071.7	G_WTG75	1129.4	35.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_309								
GSH2985	VNP	4.5	455512	4794261	1084.9	G_WTG75	1140.5	35.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_310								
GSH2986	VNP	4.5	455513	4794241	1079.2	G_WTG50	1152.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_311								
GSH2987	VNP	4.5	455525	4794183	1032.9	G_WTG50	1195.4	35.5	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_312								
GSH2988	VNP	4.5	455480	4794176	1006.3	G_WTG50	1163.5	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_313								
GSH2989	VNP	4.5	455463	4794175	998.1	G_WTG50	1150.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_314								
GSH2990	VNP	4.5	455446	4794172	988.2	G_WTG50	1139.1	36.0	36.1	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_315								
GSH2991	VNP	4.5	455433	4794245	1041.2	G_WTG75	1084.5	36.1	36.2	36.2	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_316								
GSH2992	VNP	4.5	455432	4794269	1022.9	G_WTG75	1069.8	36.1	36.2	36.2	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_317								
GSH2993	VNP	4.5	455427	4794304	994.2	G_WTG75	1045.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_318								
GSH2994	VNP	4.5	455505	4794133	979.4	G_WTG50	1209.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_319								
GSH2995	VNP	4.5	455543	4794060	935.7	G_WTG50	1285.1	35.5	35.6	35.6	35.6	35.6	35.6	35.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_320								
GSH2996	VNP	4.5	455547	4794037	918.6	G_WTG50	1303.0	35.5	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_321								
GSH2997	VNP	4.5	455551	4794014	901.8	G_WTG50	1321.1	35.6	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_322								
GSH2998	VNP	4.5	455555	4793986	881.2	G_WTG50	1342.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_323								
GSH2999	VNP	4.5	455490	4794134	973.3	G_WTG50	1197.2	35.8	35.9	35.9	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_324								
GSH3000	VNP	4.5	455470	4794133	963.3	G_WTG50	1182.3	35.9	36.0	36.0	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_325								
GSH3001	VNP	4.5	455420	4794126	935.6	G_WTG50	1148.7	36.1	36.3	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_326								
GSH3002	VNP	4.5	455380	4794122	916.4	G_WTG50	1121.6	36.4	36.5	36.5	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_327								
GSH3003	VNP	4.5	455351	4794118	902.3	G_WTG50	1103.3	36.5	36.6	36.6	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_328								



Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10				
GSH3004	VNP	4.5	455321	4794106	881.0	G_WTG50	1090.4	36.7	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_329		
GSH3005	VNP	4.5	455297	4794101	868.9	G_WTG50	1077.3	36.8	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_330		
GSH3006	VNP	4.5	455272	4794096	857.0	G_WTG50	1064.0	36.9	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_331		
GSH3008	VNP	4.5	453149	4795962	878.4	G_WTG74	1773.1	37.6	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_332		
GSH3009	VNP	4.5	450855	4798145	1495.5	G_WTG31	4933.4	31.0	31.1	31.1	31.1	31.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_333		
GSH3010	VNP	4.5	451808	4799796	1319.0	G_WTG34	5629.3	32.3	32.4	32.4	32.4	32.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_334		
GSH3011	VNP	4.5	450831	4789373	1347.2	G_WTG68	6651.0	30.5	30.6	30.6	30.6	30.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_335		
GSH3012	VNP	4.5	450148	4789310	1450.9	G_WTG68	7105.5	30.7	30.8	30.8	30.8	30.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_336		
GSH3013	VNP	4.5	450047	4789434	1368.8	G_WTG68	7072.7	31.3	31.4	31.4	31.4	31.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_337		
GSH3014	VNP	4.5	450039	4789470	1338.9	G_WTG68	7050.1	31.5	31.6	31.6	31.6	31.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_338		
GSH3015	VNP	4.5	450032	4789521	1295.2	G_WTG68	7015.5	31.7	31.9	31.9	31.9	31.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_339		
GSH3016	VNP	4.5	450006	4789254	1550.9	G_WTG68	7238.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_340		
GSH3017	VNP	4.5	449974	4789249	1567.6	G_WTG68	7262.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_341		
GSH3018	VNP	4.5	449942	4789242	1586.6	G_WTG68	7287.7	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_342		
GSH3019	VNP	4.5	449913	4789238	1602.1	G_WTG68	7309.1	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_343		
GSH3020	VNP	4.5	450003	4789295	1514.0	G_WTG68	7208.0	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_344		
GSH3021	VNP	4.5	449794	4789222	1669.1	G_WTG68	7397.5	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_345		
GSH3022	VNP	4.5	451509	4792982	750.9	G_WTG82	3591.4	37.6	37.7	37.7	37.7	37.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_346		
GSH3023	VNP	4.5	449300	4789175	1592.5	G_WTG42	7759.3	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_347		
GSH3025	VNP	4.5	447720	4790250	837.9	G_WTG78	8258.1	35.2	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_348		
GSH3026	VNP	4.5	445619	4792695	758.3	G_WTG36	9200.9	37.4	37.5	37.5	37.5	37.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_349		
GSH3027	VNP	4.5	445540	4792725	838.3	G_WTG36	9270.7	37.0	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_350		
GSH3028	VNP	4.5	445482	4792721	882.1	G_WTG36	9328.0	36.7	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_351		
GSH3029	VNP	4.5	445435	4792721	920.6	G_WTG36	9373.7	36.6	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_352		
GSH3030	VNP	4.5	445559	4792800	873.0	G_WTG36	9235.0	36.9	37.1	37.1	37.1	37.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_353		
GSH3031	VNP	4.5	445514	4792796	903.8	G_WTG36	9279.7	36.8	36.9	36.9	36.9	36.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_354		
GSH3032	VNP	4.5	445483	4792790	923.5	G_WTG36	9311.3	36.7	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_355		
GSH3033	VNP	4.5	445444	4792783	949.7	G_WTG36	9350.9	36.5	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_356		
GSH3034	VNP	4.5	445381	4792771	993.4	G_WTG36	9414.9	36.4	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_357		
GSH3035	VNP	4.5	445339	4792759	1021.6	G_WTG36	9458.6	36.2	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_358		
GSH3036	VNP	4.5	445331	4792814	1059.0	G_WTG36	9454.2	36.2	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_359		
GSH3037	VNP	4.5	445279	4792810	1099.7	G_WTG36	9505.8	36.1	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_360		
GSH3038	VNP	4.5	445291	4792752	1058.5	G_WTG36	9506.9	36.1	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_361		
GSH3039	VNP	4.5	445187	4792738	1142.1	G_WTG36	9611.4	35.9	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_362		
GSH3040	VNP	4.5	445103	4792735	1132.6	G_WTG17	9694.0	35.9	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_363		
GSH3041	VNP	4.5	445033	4792656	1061.2	G_WTG17	9779.9	35.8	35.9	35.9	35.9	35.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_364		
GSH3042	VNP	4.5	445141	4792673	1155.0	G_WTG36	9670.9	35.9	36.0	36.0	36.0	36.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_365		
GSH3043	VNP	4.5	445298	4792699	1025.9	G_WTG36	9512.1	36.2	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_366		
GSH3044	VNP	4.5	445309	4792625	982.3	G_WTG36	9518.7	36.2	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_367		
GSH3045	VNP	4.5	445321	4792536	936.2	G_WTG36	9528.6	36.3	36.5	36.5	36.5	36.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_368		
GSH3046	VNP	4.5	445333	4792459	900.2	G_WTG36	9536.2	36.4	36.6	36.6	36.6	36.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_369		

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)						Sound Level Limit (dBA)						Compliance Test	Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10				
GSH3047	VNP	4.5	445350	4792354	859.4	G_WTG56	9547.1	36.6	36.7	36.7	36.7	36.7	36.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_370	
GSH3048	VNP	4.5	445353	4792327	852.1	G_WTG36	9551.4	36.6	36.8	36.8	36.8	36.8	36.8	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_371	
GSH3049	VNP	4.5	445401	4792383	815.1	G_WTG36	9490.2	36.8	37.0	37.0	37.0	37.0	37.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_372	
GSH3050	VNP	4.5	445326	4792881	1103.0	G_WTG36	9444.6	36.2	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_373	
GSH3051	VNP	4.5	446180	4796960	930.0	G_WTG80	8629.7	34.9	35.0	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_374	
GSH3067	VNP	4.5	441275	4788022	1172.8	G_WTG52	14948.5	32.3	32.3	32.3	32.3	32.3	32.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_375	
GSH3068	VNP	4.5	438962	4789583	1001.1	G_WTG58	16470.1	38.0	38.2	38.2	38.2	38.2	38.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_376	
GSH3080	VNP	4.5	447537	4806178	1971.8	G_WTG10	13298.2	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_377	
GSH3082	VNP	4.5	445704	4804227	1589.0	G_WTG08	12871.2	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_378	
GSH3085	VNP	4.5	446184	4800680	1550.9	G_WTG09	10183.1	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_379	
GSH3087	VNP	4.5	448035	4799428	1569.4	G_WTG15	7948.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_380	
GSH3398	VNP	4.5	445751	4803837	1385.2	G_WTG08	12558.0	36.5	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_381	
GSH3399	VNP	4.5	436185	4789830	1530.0	G_WTG60	19053.0	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_382	
GSH3400	VNP	4.5	437741	4787024	765.1	G_WTG63	18560.8	36.1	36.3	36.3	36.3	36.3	36.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_383	
GSH3401	VNP	4.5	437870	4786994	716.2	G_WTG63	18456.7	36.3	36.4	36.4	36.4	36.4	36.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_384	
GSH3402	VNP	4.5	437715	4786901	878.4	G_WTG63	18636.8	35.0	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_385	
GSH3403	VNP	4.5	437841	4786862	846.6	G_WTG63	18540.5	35.0	35.1	35.1	35.1	35.1	35.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_386	
GSH3404	VNP	4.5	439851	4787060	1347.7	G_WTG52	16656.0	32.1	32.2	32.2	32.2	32.2	32.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_387	
GSH3405	VNP	4.5	439898	4786733	1660.5	G_WTG52	16771.8	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_388	
GSH3406	VNP	4.5	439998	4786686	1693.9	G_WTG52	16706.7	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_389	
GSH3407	VNP	4.5	439876	4787679	748.5	G_WTG52	16352.1	36.1	36.1	36.1	36.1	36.1	36.1	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_390	
GSH3408	VNP	4.5	440998	4787857	987.4	G_WTG52	15270.6	33.4	33.4	33.4	33.4	33.4	33.4	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_391	
GSH3409	VNP	4.5	450475	4789232	1467.8	G_WTG68	6971.0	30.1	30.3	30.3	30.3	30.3	30.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_392	
GSH3410	VNP	4.5	450620	4789250	1446.4	G_WTG68	6871.6	30.2	30.3	30.3	30.3	30.3	30.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_393	
GSH3414	VNP	4.5	453477	4789644	1619.7	G_WTG77	5349.3	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_394	
GSH3415	VNP	4.5	455905	4792369	1249.5	G_WTG50	2853.0	31.8	31.9	31.9	31.9	31.9	31.9	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_395	
GSH3416	VNP	4.5	455778	4793054	768.8	G_WTG50	2199.3	35.2	35.3	35.3	35.3	35.3	35.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_396	
GSH3417	VNP	4.5	455706	4793448	689.4	G_WTG50	1838.7	36.1	36.2	36.2	36.2	36.2	36.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_397	
GSH3418	VNP	4.5	455626	4793887	850.6	G_WTG50	1462.1	35.4	35.5	35.5	35.5	35.5	35.5	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_398	
GSH3476	VNP	4.5	455965	4794181	1297.7	G_WTG50	1573.8	33.2	33.3	33.3	33.3	33.3	33.3	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_399	
GSH3477	VNP	4.5	455981	4794154	1290.5	G_WTG50	1600.1	33.1	33.2	33.2	33.2	33.2	33.2	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_400	
GSH3478	VNP	4.5	455293	4796672	1206.0	G_WTG35	1934.9	32.9	33.0	33.0	33.0	33.0	33.0	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_401	
GSH3479	VNP	4.5	455144	4797499	1382.9	G_WTG35	2681.1	31.6	31.7	31.7	31.7	31.7	31.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_402	
GSH3480	VNP	4.5	455066	4798115	1369.1	G_WTG65	3272.2	31.6	31.7	31.7	31.7	31.7	31.7	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_403	
GSH3481	VNP	4.5	455419	4798338	1549.8	G_WTG65	3560.6	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_404	
GSH3482	VNP	4.5	454784	4800175	951.8	G_WTG67	5296.9	33.4	33.6	33.6	33.6	33.6	33.6	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_405	
GSH3483	VNP	4.5	455363	4800436	1585.6	G_WTG67	5611.0	-	-	-	-	-	-	40.0	43.0	45.0	49.0	51.0	C	GSH_VNP_406	





# Appendix A

## Site Plan

**Legend**

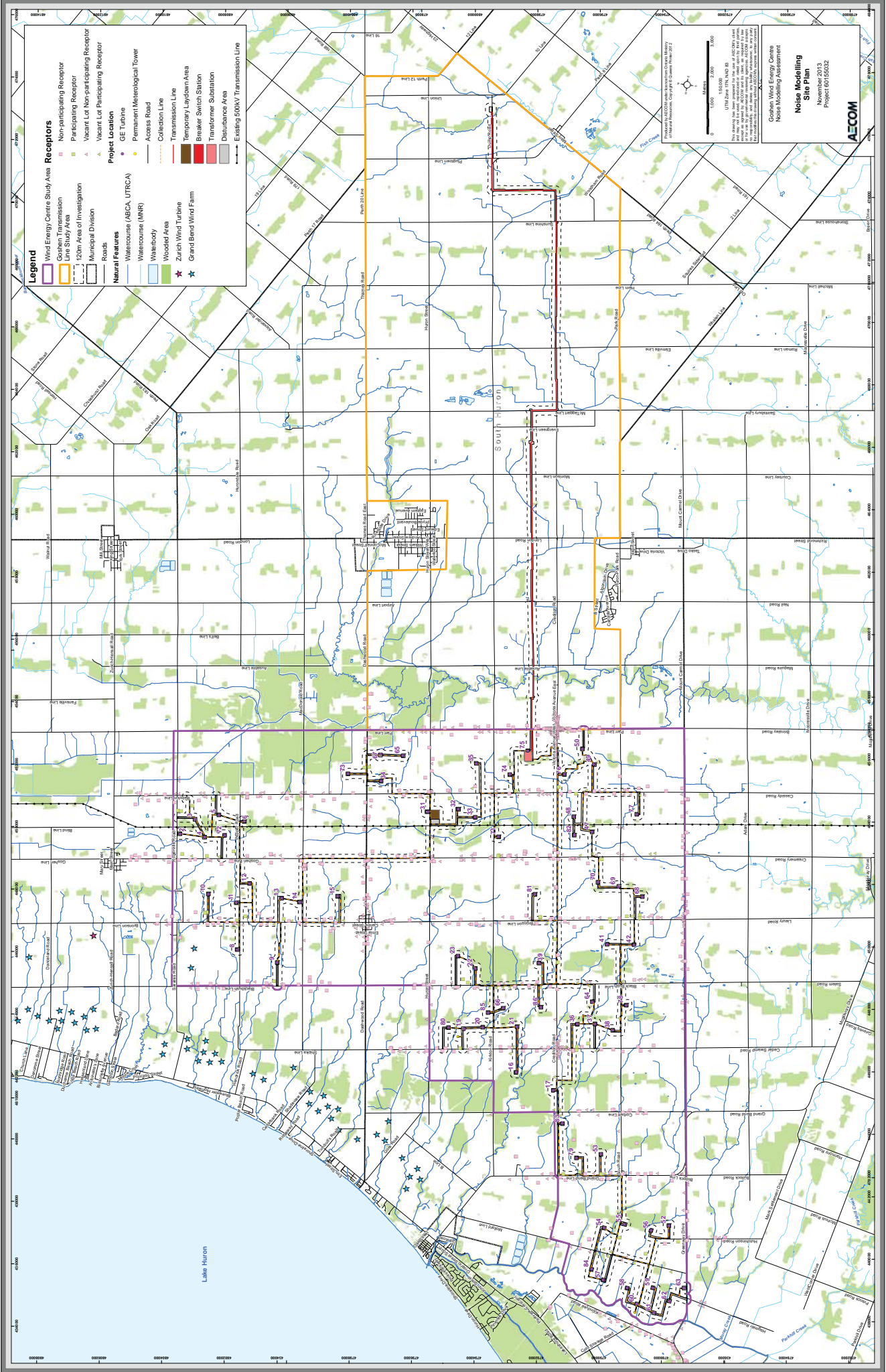
Wind Energy Centre Study Area	<b>Receptors</b>
Eastern Transmission Line Study Area	Non-participating Receptor
120m Area of Investigation	Participating Receptor
Municipal Division	Vacant Lot Non-participating Receptor
Roads	Vacant Lot Participating Receptor
<b>Natural Features</b>	GE Turbine
Watercourse (ABCA, UTRCA)	Permanent Meteorological Tower
Watercourse (MNR)	Access Road
Waterbody	Collection Line
Wooded Area	Transmission Line
Zurich Wind Turbine	Temporary Laydown Area
Grand Bend Wind Farm	Breaker Switch Station
	Transformer Substation
	Disturbance Area
	Existing 500kV Transmission Line

**North Modelling Assessment**  
 Noise Modelling Assessment  
 November 2013  
 Project ID: 155032

**AECOM**

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 1574 155000  
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 METERS



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 1574 155000  
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# Appendix B

## Equipment Noise Emission Data and Calculations