

Figure 5. Shadow Flicker Contours

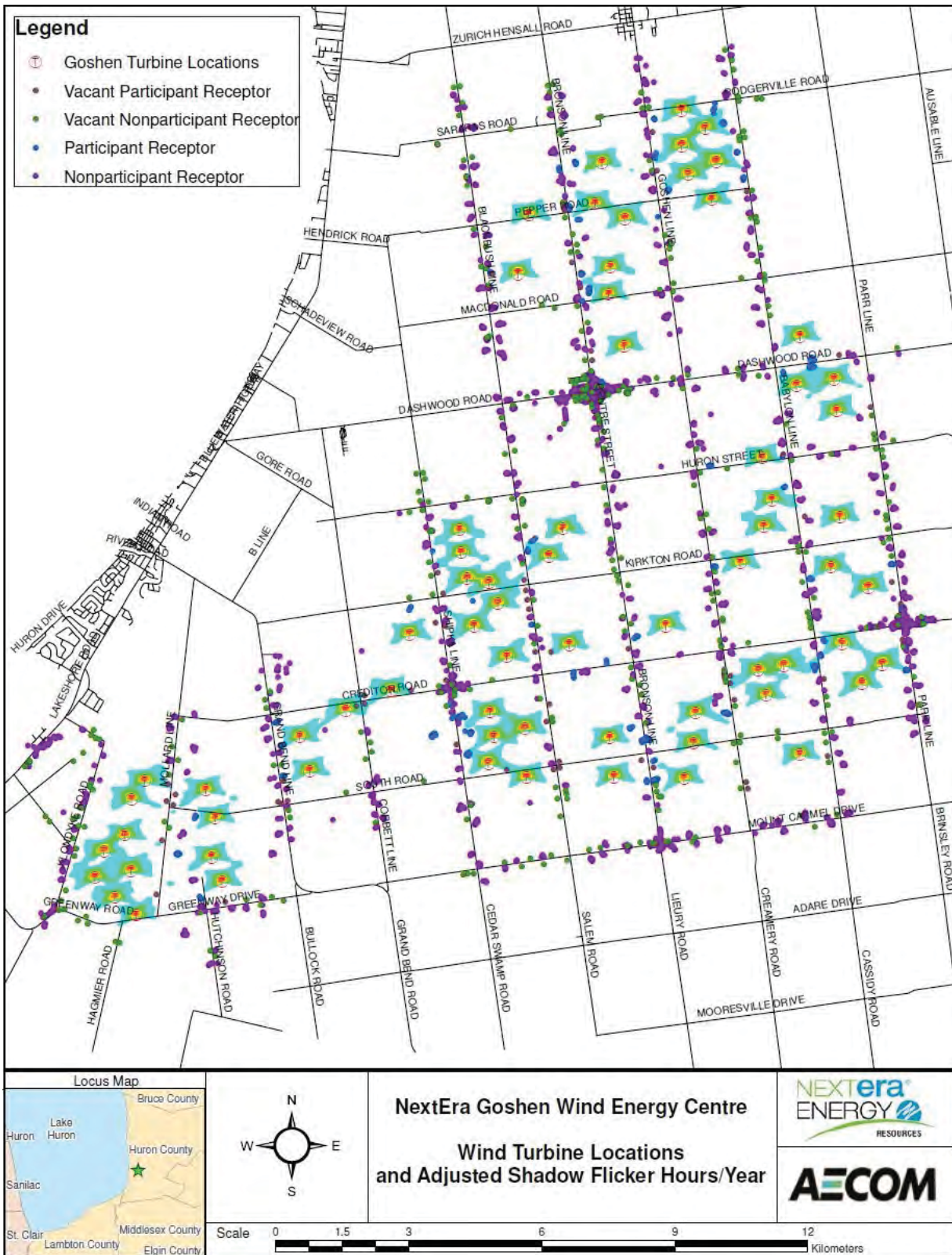


Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
941	GSH1028	5	442477	4791796	2	180	53	0.69	28.4	10.8
941	GSH1028	6	442477	4791796	2	225	53	0.69	28.6	10.9
941	GSH1028	7	442477	4791796	2	270	53	0.69	28.6	10.9
941	GSH1028	8	442477	4791796	2	315	53	0.69	28.5	10.9
389	GSH1029	1	443303	4793567	2	0	32	0.38	9.4	3.6
389	GSH1029	2	443303	4793567	2	45	32	0.38	9.5	3.6
389	GSH1029	3	443303	4793567	2	90	32	0.38	9.5	3.6
389	GSH1029	4	443303	4793567	2	135	32	0.38	9.4	3.6
392	GSH1106	1	445928	4801750	2	0	40	0.44	13.6	5.2
392	GSH1106	2	445928	4801750	2	45	40	0.45	13.7	5.2
392	GSH1106	3	445928	4801750	2	90	40	0.45	13.7	5.2
392	GSH1106	4	445928	4801750	2	135	40	0.44	13.6	5.2
134	GSH1107	1	445981	4801785	2	0	40	0.47	15	5.7
134	GSH1107	2	445981	4801785	2	45	40	0.47	15.1	5.8
134	GSH1107	3	445981	4801785	2	90	40	0.47	15.1	5.8
134	GSH1107	4	445981	4801785	2	135	40	0.47	15.1	5.8
1811	GSH1108	1	445980	4801767	2	0	41	0.47	15.2	5.8
1811	GSH1108	2	445980	4801767	2	45	41	0.47	15.3	5.8
1811	GSH1108	3	445980	4801767	2	90	41	0.47	15.3	5.8
1811	GSH1108	4	445980	4801767	2	135	41	0.47	15.2	5.8
393	GSH1109	1	446025	4801793	2	0	43	0.49	16.7	6.4
393	GSH1109	2	446025	4801793	2	45	42	0.5	16.8	6.4
393	GSH1109	3	446025	4801793	2	90	42	0.5	16.8	6.4
393	GSH1109	4	446025	4801793	2	135	43	0.49	16.8	6.4
944	GSH1110	1	446055	4801759	2	0	49	0.51	19	7.3
944	GSH1110	2	446055	4801759	2	45	49	0.51	19.1	7.3
944	GSH1110	3	446055	4801759	2	90	49	0.51	19.1	7.3
944	GSH1110	4	446055	4801759	2	135	49	0.51	19	7.3
394	GSH1111	1	446149	4801788	2	0	58	0.57	25.4	9.7
394	GSH1111	2	446149	4801788	2	45	58	0.57	25.5	9.7
394	GSH1111	3	446149	4801788	2	90	58	0.57	25.5	9.7
394	GSH1111	4	446149	4801788	2	135	58	0.57	25.4	9.7
2107	GSH1112	1	446168	4801767	2	0	63	0.58	28.7	11.0
2107	GSH1112	2	446168	4801767	2	45	63	0.58	28.9	11.0
2107	GSH1112	3	446168	4801767	2	90	63	0.58	28.9	11.0
2107	GSH1112	4	446168	4801767	2	135	64	0.58	28.8	11.0
1531	GSH1113	1	446207	4801793	2	0	68	0.62	32.3	12.3
1531	GSH1113	2	446207	4801793	2	45	69	0.62	32.5	12.4
1531	GSH1113	3	446207	4801793	2	90	69	0.62	32.5	12.4
1531	GSH1113	4	446207	4801793	2	135	68	0.62	32.3	12.3
396	GSH1115	1	445863	4802981	2	0	28	0.34	7.7	2.9
396	GSH1115	2	445863	4802981	2	45	28	0.34	7.7	2.9
396	GSH1115	3	445863	4802981	2	90	28	0.34	7.8	3.0
396	GSH1115	4	445863	4802981	2	135	28	0.34	7.7	2.9
676	GSH1116	1	446097	4802942	2	0	41	0.41	12.8	4.9
676	GSH1116	2	446097	4802942	2	45	41	0.41	12.8	4.9
676	GSH1116	3	446097	4802942	2	90	41	0.41	12.8	4.9
676	GSH1116	4	446097	4802942	2	135	42	0.41	12.8	4.9
1261	GSH1117	1	446112	4802982	2	0	40	0.41	12.8	4.9
1261	GSH1117	2	446112	4802982	2	45	40	0.42	12.9	4.9
1261	GSH1117	3	446112	4802982	2	90	40	0.42	12.9	4.9
1261	GSH1117	4	446112	4802982	2	135	40	0.41	12.8	4.9
2108	GSH1118	1	446156	4802976	2	0	42	0.43	14.4	5.5
2108	GSH1118	2	446156	4802976	2	45	42	0.43	14.4	5.5
2108	GSH1118	3	446156	4802976	2	90	42	0.43	14.4	5.5
2108	GSH1118	4	446156	4802976	2	135	43	0.43	14.4	5.5
945	GSH1119	1	446188	4802957	2	0	47	0.44	16.3	6.2
945	GSH1119	2	446188	4802957	2	45	47	0.44	16.4	6.3
945	GSH1119	3	446188	4802957	2	90	47	0.44	16.4	6.3
945	GSH1119	4	446188	4802957	2	135	47	0.44	16.3	6.2
135	GSH1189	2	447561	4804827	2	45	31	0.37	8.8	3.4
135	GSH1189	3	447561	4804827	2	90	31	0.37	8.8	3.4
135	GSH1189	4	447561	4804827	2	135	31	0.37	8.8	3.4
135	GSH1189	5	447561	4804827	2	180	31	0.37	8.7	3.3
948	GSH1190	2	447593	4804867	2	45	32	0.38	9.4	3.6
948	GSH1190	3	447593	4804867	2	90	32	0.38	9.5	3.6
948	GSH1190	4	447593	4804867	2	135	32	0.38	9.4	3.6
948	GSH1190	5	447593	4804867	2	180	32	0.37	9.4	3.6
1813	GSH1191	2	447590	4804827	2	45	31	0.38	9.2	3.5

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1813	GSH1191	3	447590	4804827	2	90	31	0.38	9.2	3.5
1813	GSH1191	4	447590	4804827	2	135	31	0.38	9.2	3.5
1813	GSH1191	5	447590	4804827	2	180	31	0.37	9.1	3.5
2111	GSH1192	2	447601	4804828	2	45	31	0.38	9.3	3.6
2111	GSH1192	3	447601	4804828	2	90	31	0.38	9.3	3.6
2111	GSH1192	4	447601	4804828	2	135	31	0.38	9.3	3.6
2111	GSH1192	5	447601	4804828	2	180	31	0.38	9.3	3.6
1532	GSH1193	2	447636	4804821	2	45	32	0.39	9.8	3.7
1532	GSH1193	3	447636	4804821	2	90	33	0.39	9.9	3.8
1532	GSH1193	4	447636	4804821	2	135	33	0.39	9.8	3.7
1532	GSH1193	5	447636	4804821	2	180	32	0.39	9.8	3.7
949	GSH1194	2	447651	4804831	2	45	34	0.39	10.2	3.9
949	GSH1194	3	447651	4804831	2	90	34	0.39	10.2	3.9
949	GSH1194	4	447651	4804831	2	135	34	0.39	10.2	3.9
949	GSH1194	5	447651	4804831	2	180	34	0.39	10.2	3.9
2112	GSH1195	2	447674	4804804	2	45	33	0.4	10.4	4.0
2112	GSH1195	3	447674	4804804	2	90	33	0.4	10.4	4.0
2112	GSH1195	4	447674	4804804	2	135	33	0.4	10.4	4.0
2112	GSH1195	5	447674	4804804	2	180	33	0.4	10.4	4.0
398	GSH1196	2	447631	4804870	2	45	34	0.39	10.1	3.9
398	GSH1196	3	447631	4804870	2	90	34	0.39	10.2	3.9
398	GSH1196	4	447631	4804870	2	135	34	0.39	10.1	3.9
398	GSH1196	5	447631	4804870	2	180	33	0.39	10.1	3.9
1814	GSH1197	2	447639	4804908	2	45	35	0.39	10.6	4.0
1814	GSH1197	3	447639	4804908	2	90	35	0.39	10.6	4.0
1814	GSH1197	4	447639	4804908	2	135	35	0.39	10.6	4.0
1814	GSH1197	5	447639	4804908	2	180	35	0.39	10.6	4.0
2113	GSH1198	2	447657	4804842	2	45	33	0.4	10.3	3.9
2113	GSH1198	3	447657	4804842	2	90	33	0.4	10.4	4.0
2113	GSH1198	4	447657	4804842	2	135	33	0.4	10.4	4.0
2113	GSH1198	5	447657	4804842	2	180	33	0.4	10.3	3.9
399	GSH1199	1	447751	4804485	2	0	33	0.43	11	4.2
399	GSH1199	2	447751	4804485	2	45	32	0.43	11.1	4.2
399	GSH1199	3	447751	4804485	2	90	32	0.43	11.1	4.2
399	GSH1199	4	447751	4804485	2	135	33	0.43	11.1	4.2
1533	GSH1200	1	447755	4804428	2	0	34	0.43	11.2	4.3
1533	GSH1200	2	447755	4804428	2	45	34	0.43	11.3	4.3
1533	GSH1200	3	447755	4804428	2	90	34	0.43	11.3	4.3
1533	GSH1200	4	447755	4804428	2	135	34	0.43	11.3	4.3
1815	GSH1201	1	448122	4804561	2	0	51	0.67	27	10.3
1815	GSH1201	2	448122	4804561	2	45	51	0.67	27.2	10.4
1815	GSH1201	3	448122	4804561	2	90	51	0.67	27.2	10.4
1815	GSH1201	4	448122	4804561	2	135	51	0.67	27.2	10.4
1264	GSH1202	2	448105	4804620	2	45	50	0.65	25.7	9.8
1264	GSH1202	3	448105	4804620	2	90	50	0.66	25.8	9.9
1264	GSH1202	4	448105	4804620	2	135	50	0.65	25.8	9.9
1264	GSH1202	5	448105	4804620	2	180	50	0.65	25.6	9.8
400	GSH1203	2	448134	4804607	2	45	52	0.68	28	10.7
400	GSH1203	3	448134	4804607	2	90	52	0.69	28.1	10.7
400	GSH1203	4	448134	4804607	2	135	52	0.68	28.1	10.7
400	GSH1203	5	448134	4804607	2	180	53	0.68	27.9	10.7
2114	GSH1204	1	448140	4804575	2	0	54	0.69	28.6	10.9
2114	GSH1204	2	448140	4804575	2	45	54	0.69	28.8	11.0
2114	GSH1204	3	448140	4804575	2	90	54	0.69	28.9	11.0
2114	GSH1204	4	448140	4804575	2	135	54	0.69	28.8	11.0
950	GSH1205	1	447800	4804293	2	0	37	0.44	12.8	4.9
950	GSH1205	2	447800	4804293	2	45	37	0.44	12.8	4.9
950	GSH1205	3	447800	4804293	2	90	37	0.44	12.8	4.9
950	GSH1205	4	447800	4804293	2	135	50	0.44	14.3	5.5
950	GSH1205	5	447800	4804293	2	180	13	0.14	1.5	0.6
950	GSH1205	6	447800	4804293	2	225	14	0.15	1.6	0.6
950	GSH1205	7	447800	4804293	2	270	14	0.14	1.6	0.6
951	GSH1206	1	447788	4804186	2	0	40	0.42	13.4	5.1
951	GSH1206	2	447788	4804186	2	45	81	0.43	26.8	10.2
951	GSH1206	3	447788	4804186	2	90	81	0.43	27	10.3
951	GSH1206	4	447788	4804186	2	135	92	0.78	44.4	17.0
951	GSH1206	5	447788	4804186	2	180	52	0.78	30.9	11.8
951	GSH1206	6	447788	4804186	2	225	52	0.42	17.5	6.7
951	GSH1206	7	447788	4804186	2	270	52	0.42	17.5	6.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
136	GSH1207	1	447823	4804188	2	0	44	0.44	14.8	5.7
136	GSH1207	2	447823	4804188	2	45	77	0.44	24.1	9.2
136	GSH1207	3	447823	4804188	2	90	77	0.44	24.2	9.2
136	GSH1207	4	447823	4804188	2	135	102	0.72	44.2	16.9
136	GSH1207	5	447823	4804188	2	180	58	0.72	29.4	11.2
136	GSH1207	6	447823	4804188	2	225	58	0.42	20.1	7.7
136	GSH1207	7	447823	4804188	2	270	58	0.42	20.1	7.7
401	GSH1208	1	447826	4804135	2	0	47	0.44	16	6.1
401	GSH1208	2	447826	4804135	2	45	102	0.44	37.5	14.3
401	GSH1208	3	447826	4804135	2	90	102	0.45	37.6	14.4
401	GSH1208	4	447826	4804135	2	135	102	0.45	37.6	14.4
401	GSH1208	5	447826	4804135	2	180	72	0.87	48.4	18.5
401	GSH1208	6	447826	4804135	2	225	72	0.43	27	10.3
401	GSH1208	7	447826	4804135	2	270	72	0.43	27	10.3
401	GSH1208	8	447826	4804135	2	315	72	0.43	26.9	10.3
1816	GSH1209	1	448077	4804104	2	0	51	0.5	20.7	7.9
1816	GSH1209	2	448077	4804104	2	45	67	0.5	23.5	9.0
1816	GSH1209	3	448077	4804104	2	90	66	0.5	23.3	8.9
1816	GSH1209	4	448077	4804104	2	135	66	0.5	23.2	8.9
1816	GSH1209	5	448077	4804104	2	180	52	0.36	12.9	4.9
1816	GSH1209	6	448077	4804104	2	225	36	0.36	10.2	3.9
1816	GSH1209	7	448077	4804104	2	270	36	0.36	10.2	3.9
1816	GSH1209	8	448077	4804104	2	315	36	0.36	10.1	3.9
402	GSH1210	1	448007	4804105	2	0	71	0.52	32.8	12.5
402	GSH1210	2	448007	4804105	2	45	110	0.52	46.1	17.6
402	GSH1210	3	448007	4804105	2	90	108	0.52	46.1	17.6
402	GSH1210	4	448007	4804105	2	135	108	0.52	46	17.6
402	GSH1210	5	448007	4804105	2	180	79	0.43	25.3	9.7
402	GSH1210	6	448007	4804105	2	225	40	0.38	12	4.6
402	GSH1210	7	448007	4804105	2	270	40	0.38	12	4.6
402	GSH1210	8	448007	4804105	2	315	40	0.38	11.9	4.5
2115	GSH1211	1	447991	4804128	2	0	83	0.51	36.7	14.0
2115	GSH1211	2	447991	4804128	2	45	110	0.51	44.1	16.8
2115	GSH1211	3	447991	4804128	2	90	110	0.51	44	16.8
2115	GSH1211	4	447991	4804128	2	135	110	0.51	43.9	16.8
2115	GSH1211	5	447991	4804128	2	180	69	0.38	20.1	7.7
2115	GSH1211	6	447991	4804128	2	225	42	0.38	12.9	4.9
2115	GSH1211	7	447991	4804128	2	270	42	0.38	12.9	4.9
2115	GSH1211	8	447991	4804128	2	315	42	0.38	12.8	4.9
952	GSH1212	1	447994	4803552	2	0	57	0.69	30.3	11.6
952	GSH1212	2	447994	4803552	2	45	85	0.69	38.2	14.6
952	GSH1212	3	447994	4803552	2	90	85	0.69	38.2	14.6
952	GSH1212	4	447994	4803552	2	135	85	0.69	38.2	14.6
952	GSH1212	5	447994	4803552	2	180	64	0.45	19.8	7.6
952	GSH1212	6	447994	4803552	2	225	36	0.45	12.3	4.7
952	GSH1212	7	447994	4803552	2	270	36	0.45	12.3	4.7
952	GSH1212	8	447994	4803552	2	315	36	0.45	12.3	4.7
678	GSH1213	1	447985	4803610	2	0	54	0.68	28.7	11.0
678	GSH1213	2	447985	4803610	2	45	84	0.69	36.8	14.1
678	GSH1213	3	447985	4803610	2	90	84	0.69	36.9	14.1
678	GSH1213	4	447985	4803610	2	135	84	0.69	36.8	14.1
678	GSH1213	5	447985	4803610	2	180	65	0.45	19.9	7.6
678	GSH1213	6	447985	4803610	2	225	35	0.45	12.1	4.6
678	GSH1213	7	447985	4803610	2	270	35	0.45	12.1	4.6
678	GSH1213	8	447985	4803610	2	315	35	0.45	12.1	4.6
403	GSH1214	1	448001	4803594	2	0	56	0.7	30.5	11.7
403	GSH1214	2	448001	4803594	2	45	85	0.71	38.6	14.7
403	GSH1214	3	448001	4803594	2	90	85	0.71	38.7	14.8
403	GSH1214	4	448001	4803594	2	135	85	0.71	38.6	14.7
403	GSH1214	5	448001	4803594	2	180	63	0.44	19.6	7.5
403	GSH1214	6	448001	4803594	2	225	35	0.44	11.8	4.5
403	GSH1214	7	448001	4803594	2	270	35	0.44	11.8	4.5
403	GSH1214	8	448001	4803594	2	315	35	0.44	11.8	4.5
404	GSH1215	1	447911	4803622	2	0	47	0.61	22.7	8.7
404	GSH1215	2	447911	4803622	2	45	47	0.62	22.8	8.7
404	GSH1215	3	447911	4803622	2	90	47	0.62	22.9	8.7
404	GSH1215	4	447911	4803622	2	135	47	0.62	22.9	8.7
404	GSH1215	5	447911	4803622	2	180	37	0.48	13.8	5.3
404	GSH1215	6	447911	4803622	2	225	37	0.48	13.9	5.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
404	GSH1215	7	447911	4803622	2	270	37	0.48	13.9	5.3
404	GSH1215	8	447911	4803622	2	315	37	0.48	13.8	5.3
1265	GSH1216	1	447877	4803603	2	0	46	0.59	20.8	7.9
1265	GSH1216	2	447877	4803603	2	45	46	0.59	21	8.0
1265	GSH1216	3	447877	4803603	2	90	46	0.59	21	8.0
1265	GSH1216	4	447877	4803603	2	135	46	0.59	21	8.0
1265	GSH1216	5	447877	4803603	2	180	39	0.5	15	5.7
1265	GSH1216	6	447877	4803603	2	225	39	0.5	15.1	5.8
1265	GSH1216	7	447877	4803603	2	270	39	0.5	15.1	5.8
1265	GSH1216	8	447877	4803603	2	315	39	0.5	15.1	5.8
953	GSH1217	2	447888	4803830	2	45	50	0.59	23	8.8
953	GSH1217	3	447888	4803830	2	90	50	0.6	23.1	8.8
953	GSH1217	4	447888	4803830	2	135	50	0.6	23.1	8.8
953	GSH1217	5	447888	4803830	2	180	50	1.05	36.6	14.0
953	GSH1217	6	447888	4803830	2	225	38	0.46	13.7	5.2
953	GSH1217	7	447888	4803830	2	270	38	0.46	13.7	5.2
953	GSH1217	8	447888	4803830	2	315	38	0.46	13.7	5.2
1817	GSH1218	2	447891	4803865	2	45	52	0.59	24	9.2
1817	GSH1218	3	447891	4803865	2	90	52	0.59	24.1	9.2
1817	GSH1218	4	447891	4803865	2	135	52	0.59	24.1	9.2
1817	GSH1218	5	447891	4803865	2	180	54	1.03	37.6	14.4
1817	GSH1218	6	447891	4803865	2	225	39	0.45	13.7	5.2
1817	GSH1218	7	447891	4803865	2	270	39	0.45	13.7	5.2
1817	GSH1218	8	447891	4803865	2	315	39	0.45	13.6	5.2
679	GSH1219	1	448224	4803319	2	0	65	0.41	19.8	7.6
679	GSH1219	2	448224	4803319	2	45	31	0.41	10.3	3.9
679	GSH1219	3	448224	4803319	2	90	31	0.41	10.3	3.9
679	GSH1219	4	448224	4803319	2	135	31	0.41	10.3	3.9
679	GSH1219	6	448224	4803319	2	225	34	0.38	9.6	3.7
679	GSH1219	7	448224	4803319	2	270	34	0.38	9.7	3.7
679	GSH1219	8	448224	4803319	2	315	34	0.38	9.7	3.7
954	GSH1220	1	448162	4803315	2	0	65	0.4	19.7	7.5
954	GSH1220	2	448162	4803315	2	45	30	0.39	9.2	3.5
954	GSH1220	3	448162	4803315	2	90	30	0.39	9.3	3.6
954	GSH1220	4	448162	4803315	2	135	30	0.39	9.2	3.5
954	GSH1220	6	448162	4803315	2	225	35	0.4	10.6	4.0
954	GSH1220	7	448162	4803315	2	270	35	0.4	10.6	4.0
954	GSH1220	8	448162	4803315	2	315	35	0.4	10.6	4.0
955	GSH1221	2	447949	4802795	2	45	51	0.41	17.4	6.6
955	GSH1221	3	447949	4802795	2	90	51	0.41	17.5	6.7
955	GSH1221	4	447949	4802795	2	135	51	0.41	17.5	6.7
955	GSH1221	5	447949	4802795	2	180	51	0.41	17.4	6.6
137	GSH1222	2	447941	4802771	2	45	59	0.41	20.8	7.9
137	GSH1222	3	447941	4802771	2	90	59	0.42	20.9	8.0
137	GSH1222	4	447941	4802771	2	135	59	0.42	20.9	8.0
137	GSH1222	5	447941	4802771	2	180	60	0.42	20.8	7.9
405	GSH1223	2	447984	4802763	2	45	57	0.42	20.1	7.7
405	GSH1223	3	447984	4802763	2	90	57	0.43	20.2	7.7
405	GSH1223	4	447984	4802763	2	135	57	0.43	20.2	7.7
405	GSH1223	5	447984	4802763	2	180	57	0.42	20.2	7.7
680	GSH1224	1	448327	4802884	2	0	45	0.43	14.8	5.7
680	GSH1224	2	448327	4802884	2	45	44	0.43	14.8	5.7
680	GSH1224	3	448327	4802884	2	90	44	0.43	14.8	5.7
680	GSH1224	4	448327	4802884	2	135	45	0.43	14.8	5.7
681	GSH1225	1	448377	4802907	2	0	47	0.45	16.6	6.3
681	GSH1225	2	448377	4802907	2	45	47	0.45	16.7	6.4
681	GSH1225	3	448377	4802907	2	90	47	0.45	16.7	6.4
681	GSH1225	4	448377	4802907	2	135	47	0.45	16.6	6.3
682	GSH1226	2	448235	4802481	2	45	57	0.59	26	9.9
682	GSH1226	3	448235	4802481	2	90	57	0.59	26.2	10.0
682	GSH1226	4	448235	4802481	2	135	57	0.59	26.2	10.0
682	GSH1226	5	448235	4802481	2	180	57	0.59	26.1	10.0
956	GSH1227	2	448206	4802484	2	45	55	0.57	24	9.2
956	GSH1227	3	448206	4802484	2	90	55	0.57	24.1	9.2
956	GSH1227	4	448206	4802484	2	135	55	0.57	24.1	9.2
956	GSH1227	5	448206	4802484	2	180	55	0.57	24	9.2
406	GSH1228	1	448252	4802116	2	0	49	0.61	23	8.8
406	GSH1228	2	448252	4802116	2	45	49	0.61	23.2	8.9
406	GSH1228	3	448252	4802116	2	90	49	0.61	23.2	8.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
406	GSH1228	4	448252	4802116	2	135	49	0.61	23.2	8.9
138	GSH1229	1	448291	4802101	2	0	52	0.64	26.3	10.0
138	GSH1229	2	448291	4802101	2	45	52	0.64	26.4	10.1
138	GSH1229	3	448291	4802101	2	90	52	0.65	26.5	10.1
138	GSH1229	4	448291	4802101	2	135	52	0.64	26.4	10.1
1266	GSH1230	1	448252	4802066	2	0	50	0.6	23.7	9.1
1266	GSH1230	2	448252	4802066	2	45	95	0.61	40.5	15.5
1266	GSH1230	3	448252	4802066	2	90	95	0.61	40.7	15.5
1266	GSH1230	4	448252	4802066	2	135	95	0.61	40.6	15.5
1266	GSH1230	5	448252	4802066	2	180	45	0.44	16.8	6.4
2116	GSH1231	1	448207	4801884	2	0	62	0.55	26	9.9
2116	GSH1231	2	448207	4801884	2	45	123	0.59	54.1	20.7
2116	GSH1231	3	448207	4801884	2	90	123	0.6	54.3	20.7
2116	GSH1231	4	448207	4801884	2	135	123	0.6	54.1	20.7
2116	GSH1231	5	448207	4801884	2	180	61	0.59	28	10.7
1818	GSH1232	1	448226	4801870	2	0	70	0.56	30	11.5
1818	GSH1232	2	448226	4801870	2	45	130	0.61	58.9	22.5
1818	GSH1232	3	448226	4801870	2	90	130	0.61	59.1	22.6
1818	GSH1232	4	448226	4801870	2	135	130	0.61	59	22.5
1818	GSH1232	5	448226	4801870	2	180	60	0.61	28.8	11.0
407	GSH1233	2	448440	4801778	2	45	77	0.88	53.1	20.3
407	GSH1233	3	448440	4801778	2	90	78	0.88	53.5	20.4
407	GSH1233	4	448440	4801778	2	135	78	0.88	53.5	20.4
407	GSH1233	5	448440	4801778	2	180	77	0.88	53.2	20.3
683	GSH1234	2	448443	4801751	2	45	75	0.89	51.7	19.7
683	GSH1234	3	448443	4801751	2	90	75	0.89	52	19.9
683	GSH1234	4	448443	4801751	2	135	75	0.89	52	19.9
683	GSH1234	5	448443	4801751	2	180	75	0.89	51.8	19.8
957	GSH1235	2	448417	4801752	2	45	71	0.85	46.6	17.8
957	GSH1235	3	448417	4801752	2	90	71	0.85	46.9	17.9
957	GSH1235	4	448417	4801752	2	135	71	0.85	46.9	17.9
957	GSH1235	5	448417	4801752	2	180	71	0.85	46.7	17.8
684	GSH1236	2	448440	4801681	2	45	71	0.9	49.2	18.8
684	GSH1236	3	448440	4801681	2	90	71	0.9	49.5	18.9
684	GSH1236	4	448440	4801681	2	135	71	0.9	49.4	18.9
684	GSH1236	5	448440	4801681	2	180	71	0.9	49.2	18.8
685	GSH1237	2	448421	4801663	2	45	67	0.87	45.5	17.4
685	GSH1237	3	448421	4801663	2	90	67	0.87	45.7	17.5
685	GSH1237	4	448421	4801663	2	135	67	0.87	45.6	17.4
685	GSH1237	5	448421	4801663	2	180	67	0.87	45.4	17.3
139	GSH1238	2	448419	4801637	2	45	67	0.87	45.2	17.3
139	GSH1238	3	448419	4801637	2	90	67	0.87	45.4	17.3
139	GSH1238	4	448419	4801637	2	135	67	0.87	45.3	17.3
139	GSH1238	5	448419	4801637	2	180	67	0.86	45.2	17.3
1267	GSH1239	1	448154	4801561	2	0	44	0.56	19.2	7.3
1267	GSH1239	2	448154	4801561	2	45	44	0.57	19.3	7.4
1267	GSH1239	3	448154	4801561	2	90	44	0.57	19.4	7.4
1267	GSH1239	4	448154	4801561	2	135	44	0.57	19.3	7.4
686	GSH1240	1	448138	4801558	2	0	43	0.55	18.4	7.0
686	GSH1240	2	448138	4801558	2	45	43	0.55	18.5	7.1
686	GSH1240	3	448138	4801558	2	90	43	0.56	18.5	7.1
686	GSH1240	4	448138	4801558	2	135	43	0.55	18.5	7.1
687	GSH1241	1	448131	4801513	2	0	43	0.54	18.2	7.0
687	GSH1241	2	448131	4801513	2	45	43	0.55	18.3	7.0
687	GSH1241	3	448131	4801513	2	90	44	0.55	18.3	7.0
687	GSH1241	4	448131	4801513	2	135	43	0.55	18.3	7.0
688	GSH1242	1	448142	4801514	2	0	43	0.55	18.7	7.1
688	GSH1242	2	448142	4801514	2	45	43	0.55	18.8	7.2
688	GSH1242	3	448142	4801514	2	90	43	0.56	18.9	7.2
688	GSH1242	4	448142	4801514	2	135	43	0.55	18.8	7.2
2117	GSH1243	1	448153	4801509	2	0	43	0.56	19.2	7.3
2117	GSH1243	2	448153	4801509	2	45	43	0.56	19.3	7.4
2117	GSH1243	3	448153	4801509	2	90	43	0.56	19.4	7.4
2117	GSH1243	4	448153	4801509	2	135	43	0.56	19.3	7.4
1268	GSH1244	1	448164	4801506	2	0	44	0.57	19.8	7.6
1268	GSH1244	2	448164	4801506	2	45	44	0.57	19.9	7.6
1268	GSH1244	3	448164	4801506	2	90	44	0.57	20	7.6
1268	GSH1244	4	448164	4801506	2	135	44	0.57	19.9	7.6
140	GSH1245	1	448174	4801530	2	0	44	0.58	20.2	7.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
140	GSH1245	2	448174	4801530	2	45	44	0.58	20.4	7.8
140	GSH1245	3	448174	4801530	2	90	44	0.58	20.4	7.8
140	GSH1245	4	448174	4801530	2	135	44	0.58	20.4	7.8
958	GSH1246	1	448188	4801519	2	0	46	0.59	21.2	8.1
958	GSH1246	2	448188	4801519	2	45	46	0.59	21.3	8.1
958	GSH1246	3	448188	4801519	2	90	46	0.59	21.3	8.1
958	GSH1246	4	448188	4801519	2	135	46	0.59	21.3	8.1
141	GSH1247	1	448188	4801555	2	0	45	0.59	21	8.0
141	GSH1247	2	448188	4801555	2	45	45	0.59	21.1	8.1
141	GSH1247	3	448188	4801555	2	90	45	0.59	21.2	8.1
141	GSH1247	4	448188	4801555	2	135	45	0.59	21.1	8.1
142	GSH1248	1	448172	4801557	2	0	44	0.58	20.1	7.7
142	GSH1248	2	448172	4801557	2	45	44	0.58	20.2	7.7
142	GSH1248	3	448172	4801557	2	90	44	0.58	20.3	7.8
142	GSH1248	4	448172	4801557	2	135	44	0.58	20.2	7.7
2118	GSH1249	1	448184	4801565	2	0	45	0.59	20.7	7.9
2118	GSH1249	2	448184	4801565	2	45	44	0.59	20.8	7.9
2118	GSH1249	3	448184	4801565	2	90	44	0.59	20.8	7.9
2118	GSH1249	4	448184	4801565	2	135	45	0.59	20.8	7.9
408	GSH1250	1	448283	4801492	2	0	54	0.67	28.7	11.0
408	GSH1250	2	448283	4801492	2	45	54	0.67	28.8	11.0
408	GSH1250	3	448283	4801492	2	90	54	0.67	28.9	11.0
408	GSH1250	4	448283	4801492	2	135	54	0.67	28.8	11.0
689	GSH1251	1	448338	4801383	2	0	78	0.71	43.2	16.5
689	GSH1251	2	448338	4801383	2	45	78	0.72	43.4	16.6
689	GSH1251	3	448338	4801383	2	90	78	0.72	43.4	16.6
689	GSH1251	4	448338	4801383	2	135	78	0.71	43.3	16.5
1819	GSH1252	1	448367	4801358	2	0	111	0.74	65.1	24.9
1819	GSH1252	2	448367	4801358	2	45	111	0.74	65.4	25.0
1819	GSH1252	3	448367	4801358	2	90	111	0.74	65.5	25.0
1819	GSH1252	4	448367	4801358	2	135	111	0.74	65.1	24.9
1820	GSH1253	1	448378	4801321	2	0	93	0.74	58.3	22.3
1820	GSH1253	2	448378	4801321	2	45	93	0.75	58.6	22.4
1820	GSH1253	3	448378	4801321	2	90	93	0.75	58.6	22.4
1820	GSH1253	4	448378	4801321	2	135	93	0.74	58.3	22.3
1534	GSH1254	2	448148	4800584	2	45	31	0.39	9.6	3.7
1534	GSH1254	3	448148	4800584	2	90	31	0.39	9.6	3.7
1534	GSH1254	4	448148	4800584	2	135	31	0.39	9.6	3.7
1534	GSH1254	5	448148	4800584	2	180	31	0.39	9.6	3.7
2119	GSH1255	2	448070	4800513	2	45	29	0.37	8.3	3.2
2119	GSH1255	3	448070	4800513	2	90	29	0.37	8.3	3.2
2119	GSH1255	4	448070	4800513	2	135	29	0.37	8.3	3.2
2119	GSH1255	5	448070	4800513	2	180	29	0.37	8.3	3.2
1535	GSH1256	1	448185	4800434	2	0	31	0.4	9.8	3.7
1535	GSH1256	2	448185	4800434	2	45	31	0.41	9.9	3.8
1535	GSH1256	3	448185	4800434	2	90	31	0.41	9.9	3.8
1535	GSH1256	4	448185	4800434	2	135	31	0.41	9.9	3.8
143	GSH1257	1	448165	4800415	2	0	30	0.4	9.4	3.6
143	GSH1257	2	448165	4800415	2	45	30	0.4	9.5	3.6
143	GSH1257	3	448165	4800415	2	90	30	0.4	9.5	3.6
143	GSH1257	4	448165	4800415	2	135	30	0.4	9.5	3.6
959	GSH1258	1	448324	4800389	2	0	36	0.46	12.7	4.9
959	GSH1258	2	448324	4800389	2	45	36	0.46	12.8	4.9
959	GSH1258	3	448324	4800389	2	90	36	0.46	12.8	4.9
959	GSH1258	4	448324	4800389	2	135	36	0.46	12.8	4.9
960	GSH1259	1	448356	4800382	2	0	36	0.47	13.5	5.2
960	GSH1259	2	448356	4800382	2	45	36	0.48	13.5	5.2
960	GSH1259	3	448356	4800382	2	90	36	0.48	13.6	5.2
960	GSH1259	4	448356	4800382	2	135	36	0.48	13.5	5.2
409	GSH1260	2	448511	4800491	2	45	45	0.57	19.8	7.6
409	GSH1260	3	448511	4800491	2	90	45	0.57	19.9	7.6
409	GSH1260	4	448511	4800491	2	135	45	0.57	19.8	7.6
409	GSH1260	5	448511	4800491	2	180	45	0.57	19.7	7.5
2120	GSH1261	2	448491	4800563	2	45	44	0.56	19.3	7.4
2120	GSH1261	3	448491	4800563	2	90	44	0.56	19.3	7.4
2120	GSH1261	4	448491	4800563	2	135	44	0.56	19.3	7.4
2120	GSH1261	5	448491	4800563	2	180	44	0.55	19.2	7.3
690	GSH1262	2	448425	4800833	2	45	87	0.5	30.3	11.6
690	GSH1262	3	448425	4800833	2	90	87	0.5	30.6	11.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
690	GSH1262	4	448425	4800833	2	135	87	0.5	30.6	11.7
690	GSH1262	5	448425	4800833	2	180	87	0.5	30.4	11.6
1821	GSH1263	2	448457	4800813	2	45	80	0.52	29.7	11.3
1821	GSH1263	3	448457	4800813	2	90	80	0.52	29.9	11.4
1821	GSH1263	4	448457	4800813	2	135	80	0.52	29.9	11.4
1821	GSH1263	5	448457	4800813	2	180	80	0.52	29.7	11.3
1822	GSH1264	2	448421	4800769	2	45	54	0.5	20.9	8.0
1822	GSH1264	3	448421	4800769	2	90	53	0.5	21	8.0
1822	GSH1264	4	448421	4800769	2	135	53	0.5	21	8.0
1822	GSH1264	5	448421	4800769	2	180	54	0.5	21	8.0
699	GSH1330	5	448829	4796719	2	180	31	0.4	9.8	3.7
699	GSH1330	6	448829	4796719	2	225	31	0.4	9.9	3.8
699	GSH1330	7	448829	4796719	2	270	31	0.4	9.9	3.8
699	GSH1330	8	448829	4796719	2	315	31	0.4	9.8	3.7
418	GSH1331	5	448858	4796745	2	180	30	0.39	9.3	3.6
418	GSH1331	6	448858	4796745	2	225	31	0.39	9.4	3.6
418	GSH1331	7	448858	4796745	2	270	31	0.39	9.4	3.6
418	GSH1331	8	448858	4796745	2	315	31	0.39	9.3	3.6
2130	GSH1338	5	448841	4796508	2	180	32	0.41	10.3	3.9
2130	GSH1338	6	448841	4796508	2	225	32	0.41	10.4	4.0
2130	GSH1338	7	448841	4796508	2	270	32	0.41	10.4	4.0
2130	GSH1338	8	448841	4796508	2	315	32	0.41	10.4	4.0
151	GSH1339	5	448865	4796453	2	180	32	0.41	10.2	3.9
151	GSH1339	6	448865	4796453	2	225	32	0.41	10.3	3.9
151	GSH1339	7	448865	4796453	2	270	32	0.41	10.3	3.9
151	GSH1339	8	448865	4796453	2	315	32	0.41	10.3	3.9
982	GSH1340	5	448838	4796436	2	180	32	0.42	10.8	4.1
982	GSH1340	6	448838	4796436	2	225	32	0.42	10.9	4.2
982	GSH1340	7	448838	4796436	2	270	33	0.42	10.9	4.2
982	GSH1340	8	448838	4796436	2	315	32	0.42	10.9	4.2
1543	GSH1341	5	449025	4796399	2	180	28	0.36	8.1	3.1
1543	GSH1341	6	449025	4796399	2	225	28	0.36	8.2	3.1
1543	GSH1341	7	449025	4796399	2	270	28	0.36	8.2	3.1
1543	GSH1341	8	449025	4796399	2	315	28	0.36	8.2	3.1
152	GSH1342	5	449075	4796381	2	180	28	0.35	7.7	2.9
152	GSH1342	6	449075	4796381	2	225	28	0.35	7.7	2.9
152	GSH1342	7	449075	4796381	2	270	28	0.35	7.7	2.9
152	GSH1342	8	449075	4796381	2	315	28	0.35	7.7	2.9
1284	GSH1343	5	449094	4796418	2	180	26	0.34	7.3	2.8
1284	GSH1343	6	449094	4796418	2	225	26	0.34	7.3	2.8
1284	GSH1343	7	449094	4796418	2	270	26	0.34	7.3	2.8
1284	GSH1343	8	449094	4796418	2	315	26	0.34	7.3	2.8
419	GSH1344	1	448913	4795994	2	0	78	0.41	26	9.9
419	GSH1344	6	448913	4795994	2	225	78	0.41	26	9.9
419	GSH1344	7	448913	4795994	2	270	78	0.41	26.1	10.0
419	GSH1344	8	448913	4795994	2	315	78	0.41	26.1	10.0
420	GSH1345	1	448934	4796032	2	0	59	0.4	17.7	6.8
420	GSH1345	6	448934	4796032	2	225	59	0.4	17.7	6.8
420	GSH1345	7	448934	4796032	2	270	59	0.4	17.8	6.8
420	GSH1345	8	448934	4796032	2	315	59	0.4	17.8	6.8
1285	GSH1346	1	448959	4795875	2	0	45	0.36	13.2	5.0
1285	GSH1346	6	448959	4795875	2	225	45	0.36	13.2	5.0
1285	GSH1346	7	448959	4795875	2	270	45	0.36	13.3	5.1
1285	GSH1346	8	448959	4795875	2	315	45	0.36	13.3	5.1
1286	GSH1347	1	448932	4795861	2	0	33	0.29	7.7	2.9
1286	GSH1347	6	448932	4795861	2	225	33	0.29	7.7	2.9
1286	GSH1347	7	448932	4795861	2	270	33	0.3	7.8	3.0
1286	GSH1347	8	448932	4795861	2	315	33	0.3	7.8	3.0
1544	GSH1348	1	448916	4795856	2	0	25	0.24	4.7	1.8
1544	GSH1348	6	448916	4795856	2	225	25	0.24	4.7	1.8
1544	GSH1348	7	448916	4795856	2	270	25	0.24	4.8	1.8
1544	GSH1348	8	448916	4795856	2	315	25	0.24	4.8	1.8
154	GSH1353	2	449166	4794319	2	45	35	0.42	11.3	4.3
154	GSH1353	3	449166	4794319	2	90	35	0.42	11.4	4.4
154	GSH1353	4	449166	4794319	2	135	35	0.42	11.4	4.4
154	GSH1353	5	449166	4794319	2	180	35	0.42	11.3	4.3
1287	GSH1354	2	449196	4794305	2	45	35	0.43	11.9	4.5
1287	GSH1354	3	449196	4794305	2	90	35	0.43	11.9	4.5
1287	GSH1354	4	449196	4794305	2	135	35	0.43	11.9	4.5

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1287	GSH1354	5	449196	4794305	2	180	36	0.43	11.9	4.5
984	GSH1355	2	449450	4794316	2	45	49	0.57	21.2	8.1
984	GSH1355	3	449450	4794316	2	90	49	0.57	21.3	8.1
984	GSH1355	4	449450	4794316	2	135	49	0.57	21.3	8.1
984	GSH1355	5	449450	4794316	2	180	48	0.56	21.2	8.1
1837	GSH1356	1	449244	4793939	2	0	36	0.44	12.3	4.7
1837	GSH1356	2	449244	4793939	2	45	36	0.45	12.4	4.7
1837	GSH1356	3	449244	4793939	2	90	36	0.45	12.4	4.7
1837	GSH1356	4	449244	4793939	2	135	36	0.44	12.4	4.7
1837	GSH1356	5	449244	4793939	2	180	26	0.34	6.8	2.6
1837	GSH1356	6	449244	4793939	2	225	26	0.34	6.8	2.6
1837	GSH1356	7	449244	4793939	2	270	26	0.34	6.9	2.6
1837	GSH1356	8	449244	4793939	2	315	26	0.34	6.8	2.6
155	GSH1357	1	449223	4793914	2	0	35	0.43	11.8	4.5
155	GSH1357	2	449223	4793914	2	45	35	0.43	11.9	4.5
155	GSH1357	3	449223	4793914	2	90	35	0.44	11.9	4.5
155	GSH1357	4	449223	4793914	2	135	35	0.43	11.9	4.5
155	GSH1357	5	449223	4793914	2	180	27	0.34	7.1	2.7
155	GSH1357	6	449223	4793914	2	225	27	0.34	7.1	2.7
155	GSH1357	7	449223	4793914	2	270	27	0.34	7.1	2.7
155	GSH1357	8	449223	4793914	2	315	27	0.34	7.1	2.7
985	GSH1358	1	449225	4793897	2	0	36	0.43	11.9	4.5
985	GSH1358	2	449225	4793897	2	45	36	0.43	12	4.6
985	GSH1358	3	449225	4793897	2	90	36	0.44	12	4.6
985	GSH1358	4	449225	4793897	2	135	36	0.43	12	4.6
985	GSH1358	5	449225	4793897	2	180	26	0.34	7.1	2.7
985	GSH1358	6	449225	4793897	2	225	26	0.34	7.1	2.7
985	GSH1358	7	449225	4793897	2	270	26	0.34	7.1	2.7
985	GSH1358	8	449225	4793897	2	315	26	0.34	7.1	2.7
2131	GSH1359	1	449445	4793859	2	0	50	0.54	21.1	8.1
2131	GSH1359	2	449445	4793859	2	45	50	0.55	21.3	8.1
2131	GSH1359	3	449445	4793859	2	90	50	0.55	21.3	8.1
2131	GSH1359	4	449445	4793859	2	135	51	0.55	21.2	8.1
1288	GSH1360	1	449459	4793863	2	0	50	0.55	22	8.4
1288	GSH1360	2	449459	4793863	2	45	50	0.56	22.1	8.4
1288	GSH1360	3	449459	4793863	2	90	50	0.56	22.1	8.4
1288	GSH1360	4	449459	4793863	2	135	50	0.55	22.1	8.4
156	GSH1361	1	449489	4793906	2	0	51	0.58	23.3	8.9
156	GSH1361	2	449489	4793906	2	45	51	0.58	23.4	8.9
156	GSH1361	3	449489	4793906	2	90	51	0.58	23.4	8.9
156	GSH1361	4	449489	4793906	2	135	51	0.58	23.3	8.9
1289	GSH1362	1	449503	4793909	2	0	53	0.59	24.3	9.3
1289	GSH1362	2	449503	4793909	2	45	53	0.59	24.5	9.4
1289	GSH1362	3	449503	4793909	2	90	53	0.6	24.5	9.4
1289	GSH1362	4	449503	4793909	2	135	53	0.59	24.4	9.3
986	GSH1363	1	449533	4793909	2	0	56	0.62	27.1	10.4
986	GSH1363	2	449533	4793909	2	45	56	0.62	27.2	10.4
986	GSH1363	3	449533	4793909	2	90	56	0.62	27.2	10.4
986	GSH1363	4	449533	4793909	2	135	56	0.62	27.1	10.4
157	GSH1364	1	448815	4793369	2	0	42	0.42	14.3	5.5
157	GSH1364	6	448815	4793369	2	225	42	0.42	14.3	5.5
157	GSH1364	7	448815	4793369	2	270	43	0.42	14.4	5.5
157	GSH1364	8	448815	4793369	2	315	43	0.42	14.4	5.5
1290	GSH1370	1	449433	4793526	2	0	35	0.34	9.5	3.6
1290	GSH1370	2	449433	4793526	2	45	35	0.35	9.6	3.7
1290	GSH1370	3	449433	4793526	2	90	35	0.35	9.5	3.6
1290	GSH1370	4	449433	4793526	2	135	34	0.34	9.4	3.6
703	GSH1381	2	449632	4792329	2	45	28	0.36	7.9	3.0
703	GSH1381	3	449632	4792329	2	90	28	0.36	7.9	3.0
703	GSH1381	4	449632	4792329	2	135	28	0.36	7.9	3.0
703	GSH1381	5	449632	4792329	2	180	98	0.44	34.3	13.1
703	GSH1381	6	449632	4792329	2	225	70	0.44	26.4	10.1
703	GSH1381	7	449632	4792329	2	270	70	0.44	26.3	10.0
703	GSH1381	8	449632	4792329	2	315	70	0.44	26.2	10.0
423	GSH1382	2	449660	4792345	2	45	29	0.36	8.3	3.2
423	GSH1382	3	449660	4792345	2	90	29	0.36	8.4	3.2
423	GSH1382	4	449660	4792345	2	135	29	0.36	8.4	3.2
423	GSH1382	5	449660	4792345	2	180	99	0.43	34.4	13.1
423	GSH1382	6	449660	4792345	2	225	70	0.43	26.1	10.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
423	GSH1382	7	449660	4792345	2	270	70	0.43	26.1	10.0
423	GSH1382	8	449660	4792345	2	315	70	0.43	26	9.9
1292	GSH1383	2	449646	4792298	2	45	28	0.36	8	3.1
1292	GSH1383	3	449646	4792298	2	90	28	0.36	8	3.1
1292	GSH1383	4	449646	4792298	2	135	28	0.36	8	3.1
1292	GSH1383	5	449646	4792298	2	180	107	0.44	34.8	13.3
1292	GSH1383	6	449646	4792298	2	225	79	0.44	26.9	10.3
1292	GSH1383	7	449646	4792298	2	270	79	0.44	26.9	10.3
1292	GSH1383	8	449646	4792298	2	315	79	0.44	26.8	10.2
1839	GSH1384	2	449680	4792281	2	45	29	0.37	8.4	3.2
1839	GSH1384	3	449680	4792281	2	90	29	0.37	8.4	3.2
1839	GSH1384	4	449680	4792281	2	135	29	0.37	8.4	3.2
1839	GSH1384	5	449680	4792281	2	180	87	0.43	27.4	10.5
1839	GSH1384	6	449680	4792281	2	225	59	0.43	19.1	7.3
1839	GSH1384	7	449680	4792281	2	270	58	0.43	19.1	7.3
1839	GSH1384	8	449680	4792281	2	315	58	0.43	19	7.3
2135	GSH1385	5	449520	4792097	2	180	57	0.54	23.7	9.1
2135	GSH1385	6	449520	4792097	2	225	57	0.54	23.8	9.1
2135	GSH1385	7	449520	4792097	2	270	57	0.54	23.8	9.1
2135	GSH1385	8	449520	4792097	2	315	57	0.54	23.7	9.1
424	GSH1386	5	449536	4792120	2	180	58	0.52	23.2	8.9
424	GSH1386	6	449536	4792120	2	225	58	0.53	23.3	8.9
424	GSH1386	7	449536	4792120	2	270	58	0.52	23.3	8.9
424	GSH1386	8	449536	4792120	2	315	57	0.52	23.2	8.9
1840	GSH1387	5	449335	4791839	2	180	66	0.8	40.7	15.5
1840	GSH1387	6	449335	4791839	2	225	66	0.8	40.9	15.6
1840	GSH1387	7	449335	4791839	2	270	66	0.8	40.9	15.6
1840	GSH1387	8	449335	4791839	2	315	66	0.8	40.7	15.5
1547	GSH1388	5	449356	4791819	2	180	61	0.79	38	14.5
1547	GSH1388	6	449356	4791819	2	225	61	0.79	38.2	14.6
1547	GSH1388	7	449356	4791819	2	270	61	0.79	38.2	14.6
1547	GSH1388	8	449356	4791819	2	315	61	0.79	38.1	14.6
1293	GSH1389	5	449404	4791861	2	180	57	0.71	31.6	12.1
1293	GSH1389	6	449404	4791861	2	225	57	0.71	31.7	12.1
1293	GSH1389	7	449404	4791861	2	270	57	0.71	31.7	12.1
1293	GSH1389	8	449404	4791861	2	315	57	0.71	31.6	12.1
988	GSH1390	1	449759	4791959	2	0	30	0.39	9.1	3.5
988	GSH1390	2	449759	4791959	2	45	84	0.4	25.8	9.9
988	GSH1390	3	449759	4791959	2	90	84	0.4	25.9	9.9
988	GSH1390	4	449759	4791959	2	135	84	0.4	25.9	9.9
988	GSH1390	5	449759	4791959	2	180	90	0.45	29.1	11.1
988	GSH1390	6	449759	4791959	2	225	36	0.45	12.5	4.8
988	GSH1390	7	449759	4791959	2	270	36	0.45	12.5	4.8
988	GSH1390	8	449759	4791959	2	315	36	0.45	12.5	4.8
1548	GSH1391	1	449773	4791974	2	0	30	0.39	9.4	3.6
1548	GSH1391	2	449773	4791974	2	45	94	0.4	28.6	10.9
1548	GSH1391	3	449773	4791974	2	90	95	0.41	28.7	11.0
1548	GSH1391	4	449773	4791974	2	135	95	0.41	28.7	11.0
1548	GSH1391	5	449773	4791974	2	180	100	0.44	31.2	11.9
1548	GSH1391	6	449773	4791974	2	225	36	0.44	12.1	4.6
1548	GSH1391	7	449773	4791974	2	270	36	0.44	12.1	4.6
1548	GSH1391	8	449773	4791974	2	315	36	0.44	12.1	4.6
1841	GSH1392	1	449606	4791556	2	0	56	0.59	23.9	9.1
1841	GSH1392	2	449606	4791556	2	45	28	0.36	8	3.1
1841	GSH1392	3	449606	4791556	2	90	28	0.36	8	3.1
1841	GSH1392	4	449606	4791556	2	135	28	0.36	8	3.1
1841	GSH1392	5	449606	4791556	2	180	28	0.36	7.9	3.0
1841	GSH1392	6	449606	4791556	2	225	56	0.59	24	9.2
1841	GSH1392	7	449606	4791556	2	270	56	0.59	24.1	9.2
1841	GSH1392	8	449606	4791556	2	315	56	0.59	24.1	9.2
425	GSH1393	1	449623	4791562	2	0	52	0.57	22.5	8.6
425	GSH1393	2	449623	4791562	2	45	28	0.37	8.2	3.1
425	GSH1393	3	449623	4791562	2	90	28	0.37	8.2	3.1
425	GSH1393	4	449623	4791562	2	135	28	0.37	8.2	3.1
425	GSH1393	5	449623	4791562	2	180	28	0.37	8.1	3.1
425	GSH1393	6	449623	4791562	2	225	53	0.57	22.8	8.7
425	GSH1393	7	449623	4791562	2	270	53	0.57	22.9	8.7
425	GSH1393	8	449623	4791562	2	315	53	0.57	22.9	8.7
1842	GSH1394	1	449644	4791574	2	0	50	0.56	21.3	8.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1842	GSH1394	2	449644	4791574	2	45	29	0.37	8.5	3.2
1842	GSH1394	3	449644	4791574	2	90	29	0.37	8.5	3.2
1842	GSH1394	4	449644	4791574	2	135	29	0.37	8.5	3.2
1842	GSH1394	5	449644	4791574	2	180	29	0.37	8.4	3.2
1842	GSH1394	6	449644	4791574	2	225	50	0.56	21.4	8.2
1842	GSH1394	7	449644	4791574	2	270	50	0.56	21.5	8.2
1842	GSH1394	8	449644	4791574	2	315	50	0.56	21.4	8.2
162	GSH1395	1	449624	4791513	2	0	59	0.58	24.2	9.2
162	GSH1395	2	449624	4791513	2	45	28	0.37	8.1	3.1
162	GSH1395	3	449624	4791513	2	90	28	0.37	8.1	3.1
162	GSH1395	4	449624	4791513	2	135	56	0.37	14.7	5.6
162	GSH1395	5	449624	4791513	2	180	56	0.37	14.7	5.6
162	GSH1395	6	449624	4791513	2	225	87	0.58	31	11.8
162	GSH1395	7	449624	4791513	2	270	87	0.58	31.1	11.9
162	GSH1395	8	449624	4791513	2	315	59	0.58	24.3	9.3
426	GSH1396	1	449733	4791557	2	0	77	0.5	27.8	10.6
426	GSH1396	2	449733	4791557	2	45	71	0.4	20.7	7.9
426	GSH1396	3	449733	4791557	2	90	71	0.4	20.8	7.9
426	GSH1396	4	449733	4791557	2	135	115	0.4	34.7	13.3
426	GSH1396	5	449733	4791557	2	180	75	0.4	23.8	9.1
426	GSH1396	6	449733	4791557	2	225	88	0.5	31.1	11.9
426	GSH1396	7	449733	4791557	2	270	88	0.5	31.2	11.9
426	GSH1396	8	449733	4791557	2	315	44	0.5	17.1	6.5
1549	GSH1397	1	449766	4791592	2	0	81	0.48	26.8	10.2
1549	GSH1397	2	449766	4791592	2	45	70	0.41	21.7	8.3
1549	GSH1397	3	449766	4791592	2	90	70	0.41	21.8	8.3
1549	GSH1397	4	449766	4791592	2	135	112	0.41	34.1	13.0
1549	GSH1397	5	449766	4791592	2	180	73	0.41	22.8	8.7
1549	GSH1397	6	449766	4791592	2	225	83	0.48	28	10.7
1549	GSH1397	7	449766	4791592	2	270	83	0.48	28.1	10.7
1549	GSH1397	8	449766	4791592	2	315	42	0.48	15.6	6.0
1294	GSH1398	1	449718	4791624	2	0	36	0.36	9.8	3.7
1294	GSH1398	2	449718	4791624	2	45	67	0.4	19.6	7.5
1294	GSH1398	3	449718	4791624	2	90	67	0.4	19.6	7.5
1294	GSH1398	4	449718	4791624	2	135	67	0.4	19.5	7.4
1294	GSH1398	5	449718	4791624	2	180	73	0.51	26.4	10.1
1294	GSH1398	6	449718	4791624	2	225	42	0.51	16.7	6.4
1294	GSH1398	7	449718	4791624	2	270	42	0.51	16.8	6.4
1294	GSH1398	8	449718	4791624	2	315	42	0.51	16.8	6.4
163	GSH1399	1	449805	4791555	2	0	87	0.47	27.9	10.7
163	GSH1399	2	449805	4791555	2	45	80	0.43	24.7	9.4
163	GSH1399	3	449805	4791555	2	90	80	0.43	24.7	9.4
163	GSH1399	4	449805	4791555	2	135	139	0.43	45.6	17.4
163	GSH1399	5	449805	4791555	2	180	92	0.43	32	12.2
163	GSH1399	6	449805	4791555	2	225	99	0.47	35.4	13.5
163	GSH1399	7	449805	4791555	2	270	99	0.47	35.5	13.6
163	GSH1399	8	449805	4791555	2	315	40	0.47	14.4	5.5
1295	GSH1400	1	449776	4791323	2	0	108	0.49	42.7	16.3
1295	GSH1400	2	449776	4791323	2	45	32	0.41	10.3	3.9
1295	GSH1400	3	449776	4791323	2	90	32	0.41	10.3	3.9
1295	GSH1400	4	449776	4791323	2	135	33	0.41	10.3	3.9
1295	GSH1400	5	449776	4791323	2	180	46	0.44	16	6.1
1295	GSH1400	6	449776	4791323	2	225	121	0.49	48.4	18.5
1295	GSH1400	7	449776	4791323	2	270	121	0.49	48.5	18.5
1295	GSH1400	8	449776	4791323	2	315	121	0.49	48.4	18.5
2136	GSH1401	1	449867	4791093	2	0	40	0.43	13.7	5.2
2136	GSH1401	2	449867	4791093	2	45	115	0.51	46.8	17.9
2136	GSH1401	3	449867	4791093	2	90	115	0.51	47	18.0
2136	GSH1401	4	449867	4791093	2	135	115	0.51	47	18.0
2136	GSH1401	5	449867	4791093	2	180	110	0.51	45.3	17.3
2136	GSH1401	6	449867	4791093	2	225	35	0.44	12.2	4.7
2136	GSH1401	7	449867	4791093	2	270	35	0.44	12.2	4.7
2136	GSH1401	8	449867	4791093	2	315	35	0.44	12.2	4.7
1296	GSH1402	1	449917	4791109	2	0	44	0.45	15.5	5.9
1296	GSH1402	2	449917	4791109	2	45	109	0.51	44.7	17.1
1296	GSH1402	3	449917	4791109	2	90	109	0.51	44.8	17.1
1296	GSH1402	4	449917	4791109	2	135	109	0.51	44.8	17.1
1296	GSH1402	5	449917	4791109	2	180	98	0.51	40.1	15.3
1296	GSH1402	6	449917	4791109	2	225	33	0.42	11	4.2

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
1296	GSH1402	7	449917	4791109	2	270	33	0.42	11	4.2
1296	GSH1402	8	449917	4791109	2	315	33	0.42	11	4.2
989	GSH1403	1	449727	4790672	2	0	91	0.57	36.9	14.1
989	GSH1403	2	449727	4790672	2	45	37	0.49	14.2	5.4
989	GSH1403	3	449727	4790672	2	90	37	0.49	14.3	5.5
989	GSH1403	4	449727	4790672	2	135	37	0.49	14.2	5.4
989	GSH1403	6	449727	4790672	2	225	54	0.57	22.7	8.7
989	GSH1403	7	449727	4790672	2	270	55	0.57	22.9	8.7
989	GSH1403	8	449727	4790672	2	315	54	0.57	22.8	8.7
704	GSH1404	1	449727	4790623	2	0	99	0.57	39.1	14.9
704	GSH1404	2	449727	4790623	2	45	37	0.49	14.2	5.4
704	GSH1404	3	449727	4790623	2	90	37	0.49	14.2	5.4
704	GSH1404	4	449727	4790623	2	135	37	0.49	14.2	5.4
704	GSH1404	6	449727	4790623	2	225	63	0.57	25	9.6
704	GSH1404	7	449727	4790623	2	270	63	0.57	25.2	9.6
704	GSH1404	8	449727	4790623	2	315	63	0.57	25.1	9.6
1843	GSH1405	1	449739	4790609	2	0	100	0.56	39.5	15.1
1843	GSH1405	2	449739	4790609	2	45	38	0.49	14.6	5.6
1843	GSH1405	3	449739	4790609	2	90	38	0.49	14.6	5.6
1843	GSH1405	4	449739	4790609	2	135	38	0.49	14.6	5.6
1843	GSH1405	6	449739	4790609	2	225	63	0.56	25.1	9.6
1843	GSH1405	7	449739	4790609	2	270	63	0.56	25.3	9.7
1843	GSH1405	8	449739	4790609	2	315	63	0.56	25.3	9.7
2137	GSH1406	1	449899	4790609	2	0	92	0.59	37.6	14.4
2137	GSH1406	2	449899	4790609	2	45	46	0.6	21.8	8.3
2137	GSH1406	3	449899	4790609	2	90	46	0.6	21.8	8.3
2137	GSH1406	4	449899	4790609	2	135	46	0.6	21.8	8.3
2137	GSH1406	6	449899	4790609	2	225	46	0.47	16	6.1
2137	GSH1406	7	449899	4790609	2	270	47	0.47	16.1	6.2
2137	GSH1406	8	449899	4790609	2	315	46	0.47	16	6.1
1844	GSH1407	1	449915	4790604	2	0	94	0.61	38.1	14.6
1844	GSH1407	2	449915	4790604	2	45	48	0.61	22.9	8.7
1844	GSH1407	3	449915	4790604	2	90	48	0.61	22.9	8.7
1844	GSH1407	4	449915	4790604	2	135	48	0.61	22.8	8.7
1844	GSH1407	6	449915	4790604	2	225	46	0.46	15.4	5.9
1844	GSH1407	7	449915	4790604	2	270	46	0.46	15.6	6.0
1844	GSH1407	8	449915	4790604	2	315	46	0.46	15.6	6.0
427	GSH1408	1	449910	4790662	2	0	87	0.61	36.3	13.9
427	GSH1408	2	449910	4790662	2	45	46	0.61	22.2	8.5
427	GSH1408	3	449910	4790662	2	90	47	0.61	22.3	8.5
427	GSH1408	4	449910	4790662	2	135	46	0.61	22.3	8.5
427	GSH1408	6	449910	4790662	2	225	42	0.46	14.4	5.5
427	GSH1408	7	449910	4790662	2	270	42	0.46	14.4	5.5
427	GSH1408	8	449910	4790662	2	315	42	0.46	14.4	5.5
2138	GSH1409	1	449895	4790662	2	0	89	0.59	36	13.8
2138	GSH1409	2	449895	4790662	2	45	46	0.6	21.3	8.1
2138	GSH1409	3	449895	4790662	2	90	46	0.6	21.4	8.2
2138	GSH1409	4	449895	4790662	2	135	46	0.6	21.3	8.1
2138	GSH1409	6	449895	4790662	2	225	43	0.47	14.9	5.7
2138	GSH1409	7	449895	4790662	2	270	43	0.47	15	5.7
2138	GSH1409	8	449895	4790662	2	315	43	0.47	15	5.7
428	GSH1410	1	449873	4790670	2	0	88	0.58	35.4	13.5
428	GSH1410	2	449873	4790670	2	45	43	0.58	20	7.6
428	GSH1410	3	449873	4790670	2	90	44	0.58	20.1	7.7
428	GSH1410	4	449873	4790670	2	135	44	0.58	20.1	7.7
428	GSH1410	6	449873	4790670	2	225	44	0.48	15.6	6.0
428	GSH1410	7	449873	4790670	2	270	44	0.48	15.6	6.0
428	GSH1410	8	449873	4790670	2	315	44	0.48	15.6	6.0
1550	GSH1411	1	449942	4790687	2	0	86	0.63	37.4	14.3
1550	GSH1411	2	449942	4790687	2	45	48	0.64	24.3	9.3
1550	GSH1411	3	449942	4790687	2	90	48	0.64	24.4	9.3
1550	GSH1411	4	449942	4790687	2	135	48	0.64	24.4	9.3
1550	GSH1411	6	449942	4790687	2	225	38	0.45	13.2	5.0
1550	GSH1411	7	449942	4790687	2	270	38	0.45	13.2	5.0
1550	GSH1411	8	449942	4790687	2	315	38	0.45	13.2	5.0
429	GSH1412	1	449975	4790684	2	0	89	0.67	39.1	14.9
429	GSH1412	2	449975	4790684	2	45	51	0.67	26.9	10.3
429	GSH1412	3	449975	4790684	2	90	51	0.67	27	10.3
429	GSH1412	4	449975	4790684	2	135	51	0.67	27	10.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
429	GSH1412	6	449975	4790684	2	225	38	0.43	12.4	4.7
429	GSH1412	7	449975	4790684	2	270	38	0.43	12.4	4.7
429	GSH1412	8	449975	4790684	2	315	38	0.43	12.4	4.7
2139	GSH1413	1	449947	4790633	2	0	91	0.64	38.5	14.7
2139	GSH1413	2	449947	4790633	2	45	50	0.64	24.9	9.5
2139	GSH1413	3	449947	4790633	2	90	50	0.64	25	9.6
2139	GSH1413	4	449947	4790633	2	135	50	0.64	24.9	9.5
2139	GSH1413	6	449947	4790633	2	225	41	0.45	13.7	5.2
2139	GSH1413	7	449947	4790633	2	270	41	0.45	13.8	5.3
2139	GSH1413	8	449947	4790633	2	315	41	0.45	13.7	5.2
705	GSH1414	1	449694	4790274	2	0	46	0.44	15.7	6.0
705	GSH1414	2	449694	4790274	2	45	46	0.45	15.7	6.0
705	GSH1414	3	449694	4790274	2	90	46	0.45	15.7	6.0
705	GSH1414	4	449694	4790274	2	135	46	0.44	15.7	6.0
706	GSH1415	1	449722	4790275	2	0	47	0.46	17	6.5
706	GSH1415	2	449722	4790275	2	45	47	0.46	17.1	6.5
706	GSH1415	3	449722	4790275	2	90	47	0.46	17.1	6.5
706	GSH1415	4	449722	4790275	2	135	48	0.46	17	6.5
430	GSH1416	1	449764	4790256	2	0	56	0.47	20.8	7.9
430	GSH1416	2	449764	4790256	2	45	56	0.48	20.9	8.0
430	GSH1416	3	449764	4790256	2	90	56	0.48	20.9	8.0
430	GSH1416	4	449764	4790256	2	135	56	0.47	20.8	7.9
1845	GSH1417	1	450065	4790289	2	0	43	0.85	28.6	10.9
1845	GSH1417	2	450065	4790289	2	45	43	0.51	17.4	6.6
1845	GSH1417	3	450065	4790289	2	90	43	0.51	17.4	6.6
1845	GSH1417	4	450065	4790289	2	135	43	0.5	17.2	6.6
1845	GSH1417	6	450065	4790289	2	225	40	0.35	11.3	4.3
1845	GSH1417	7	450065	4790289	2	270	41	0.35	11.4	4.4
1845	GSH1417	8	450065	4790289	2	315	41	0.35	11.4	4.4
431	GSH1418	1	450000	4790292	2	0	69	0.87	42.1	16.1
431	GSH1418	2	450000	4790292	2	45	69	0.63	37.3	14.2
431	GSH1418	3	450000	4790292	2	90	69	0.63	37.3	14.2
431	GSH1418	4	450000	4790292	2	135	69	0.63	37.1	14.2
431	GSH1418	6	450000	4790292	2	225	25	0.24	4.9	1.9
431	GSH1418	7	450000	4790292	2	270	25	0.25	5	1.9
431	GSH1418	8	450000	4790292	2	315	25	0.25	5	1.9
1307	GSH1480	1	451458	4792181	2	0	38	0.41	12	4.6
1307	GSH1480	2	451458	4792181	2	45	38	0.41	12.1	4.6
1307	GSH1480	3	451458	4792181	2	90	38	0.41	12.1	4.6
1307	GSH1480	4	451458	4792181	2	135	108	0.46	38.4	14.7
1307	GSH1480	5	451458	4792181	2	180	126	0.66	55.7	21.3
1307	GSH1480	6	451458	4792181	2	225	126	0.66	55.9	21.4
1307	GSH1480	7	451458	4792181	2	270	126	0.66	55.9	21.4
1307	GSH1480	8	451458	4792181	2	315	56	0.66	29.3	11.2
1852	GSH1481	1	451480	4792180	2	0	38	0.42	12.6	4.8
1852	GSH1481	2	451480	4792180	2	45	38	0.42	12.7	4.9
1852	GSH1481	3	451480	4792180	2	90	38	0.42	12.7	4.9
1852	GSH1481	4	451480	4792180	2	135	38	0.42	12.6	4.8
1852	GSH1481	5	451480	4792180	2	180	128	0.64	55.4	21.2
1852	GSH1481	6	451480	4792180	2	225	128	0.64	55.6	21.2
1852	GSH1481	7	451480	4792180	2	270	129	0.64	55.6	21.2
1852	GSH1481	8	451480	4792180	2	315	129	0.64	55.4	21.2
713	GSH1482	1	451536	4792195	2	0	40	0.44	14.3	5.5
713	GSH1482	2	451536	4792195	2	45	40	0.45	14.4	5.5
713	GSH1482	3	451536	4792195	2	90	40	0.45	14.4	5.5
713	GSH1482	4	451536	4792195	2	135	40	0.44	14.3	5.5
713	GSH1482	5	451536	4792195	2	180	127	0.59	49.6	18.9
713	GSH1482	6	451536	4792195	2	225	127	0.59	49.7	19.0
713	GSH1482	7	451536	4792195	2	270	128	0.59	49.8	19.0
713	GSH1482	8	451536	4792195	2	315	127	0.59	49.6	18.9
435	GSH1483	1	451591	4792148	2	0	85	0.71	38.9	14.9
435	GSH1483	2	451591	4792148	2	45	50	0.46	18.1	6.9
435	GSH1483	3	451591	4792148	2	90	50	0.46	18.1	6.9
435	GSH1483	4	451591	4792148	2	135	50	0.46	18	6.9
435	GSH1483	5	451591	4792148	2	180	48	0.43	16.3	6.2
435	GSH1483	6	451591	4792148	2	225	96	0.55	37.3	14.2
435	GSH1483	7	451591	4792148	2	270	96	0.55	37.4	14.3
435	GSH1483	8	451591	4792148	2	315	96	0.55	37.3	14.2
167	GSH1484	1	451548	4792153	2	0	75	0.87	39	14.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
167	GSH1484	2	451548	4792153	2	45	44	0.45	15.6	6.0
167	GSH1484	3	451548	4792153	2	90	44	0.45	15.6	6.0
167	GSH1484	4	451548	4792153	2	135	44	0.45	15.5	5.9
167	GSH1484	5	451548	4792153	2	180	58	0.44	19.6	7.5
167	GSH1484	6	451548	4792153	2	225	110	0.59	43.3	16.5
167	GSH1484	7	451548	4792153	2	270	110	0.59	43.3	16.5
167	GSH1484	8	451548	4792153	2	315	110	0.59	43.1	16.5
1555	GSH1485	1	451270	4792376	2	0	84	0.38	26.1	10.0
1555	GSH1485	2	451270	4792376	2	45	84	0.38	26.2	10.0
1555	GSH1485	3	451270	4792376	2	90	84	0.38	26.2	10.0
1555	GSH1485	4	451270	4792376	2	135	84	0.38	26.1	10.0
1555	GSH1485	5	451270	4792376	2	180	65	0.83	42.5	16.2
1555	GSH1485	6	451270	4792376	2	225	65	0.83	42.7	16.3
1555	GSH1485	7	451270	4792376	2	270	65	0.83	42.8	16.3
1555	GSH1485	8	451270	4792376	2	315	65	0.83	42.6	16.3
714	GSH1486	1	451265	4792451	2	0	103	0.38	31.9	12.2
714	GSH1486	2	451265	4792451	2	45	103	0.39	32.1	12.3
714	GSH1486	3	451265	4792451	2	90	103	0.39	32	12.2
714	GSH1486	4	451265	4792451	2	135	103	0.38	31.9	12.2
714	GSH1486	5	451265	4792451	2	180	68	0.79	42.2	16.1
714	GSH1486	6	451265	4792451	2	225	69	0.79	42.5	16.2
714	GSH1486	7	451265	4792451	2	270	69	0.79	42.4	16.2
714	GSH1486	8	451265	4792451	2	315	68	0.79	42.2	16.1
436	GSH1487	1	451278	4792556	2	0	79	0.4	23.8	9.1
436	GSH1487	2	451278	4792556	2	45	78	0.4	23.9	9.1
436	GSH1487	3	451278	4792556	2	90	80	0.4	23.9	9.1
436	GSH1487	4	451278	4792556	2	135	79	0.4	23.8	9.1
436	GSH1487	5	451278	4792556	2	180	85	0.72	43.9	16.8
436	GSH1487	6	451278	4792556	2	225	86	0.72	44.1	16.8
436	GSH1487	7	451278	4792556	2	270	85	0.72	44	16.8
436	GSH1487	8	451278	4792556	2	315	85	0.72	43.7	16.7
1308	GSH1488	1	451354	4792553	2	0	115	0.42	35.1	13.4
1308	GSH1488	2	451354	4792553	2	45	116	0.43	35.3	13.5
1308	GSH1488	3	451354	4792553	2	90	116	0.42	35.3	13.5
1308	GSH1488	4	451354	4792553	2	135	116	0.42	35.1	13.4
1308	GSH1488	5	451354	4792553	2	180	63	0.65	31.5	12.0
1308	GSH1488	6	451354	4792553	2	225	63	0.65	31.6	12.1
1308	GSH1488	7	451354	4792553	2	270	63	0.65	31.6	12.1
1308	GSH1488	8	451354	4792553	2	315	62	0.65	31.4	12.0
1556	GSH1489	1	451390	4792571	2	0	114	0.44	38.9	14.9
1556	GSH1489	2	451390	4792571	2	45	114	0.44	39.1	14.9
1556	GSH1489	3	451390	4792571	2	90	114	0.44	39.1	14.9
1556	GSH1489	4	451390	4792571	2	135	114	0.44	38.9	14.9
1556	GSH1489	5	451390	4792571	2	180	58	0.61	27.9	10.7
1556	GSH1489	6	451390	4792571	2	225	58	0.62	28	10.7
1556	GSH1489	7	451390	4792571	2	270	58	0.62	28	10.7
1556	GSH1489	8	451390	4792571	2	315	58	0.62	27.9	10.7
1309	GSH1490	1	451508	4792980	2	0	44	0.55	18.8	7.2
1309	GSH1490	2	451508	4792980	2	45	104	0.55	39.2	15.0
1309	GSH1490	3	451508	4792980	2	90	105	0.55	39.4	15.1
1309	GSH1490	4	451508	4792980	2	135	132	0.55	45.6	17.4
1309	GSH1490	5	451508	4792980	2	180	88	0.45	26.8	10.2
1309	GSH1490	6	451508	4792980	2	225	28	0.29	6.5	2.5
1309	GSH1490	7	451508	4792980	2	270	28	0.29	6.4	2.4
1557	GSH1491	1	451490	4793025	2	0	42	0.54	17.8	6.8
1557	GSH1491	2	451490	4793025	2	45	121	0.54	44.5	17.0
1557	GSH1491	3	451490	4793025	2	90	120	0.54	44.6	17.0
1557	GSH1491	4	451490	4793025	2	135	120	0.54	44.6	17.0
1557	GSH1491	5	451490	4793025	2	180	79	0.44	26.6	10.2
2148	GSH1492	1	451488	4793057	2	0	41	0.54	17.6	6.7
2148	GSH1492	2	451488	4793057	2	45	110	0.54	44.1	16.8
2148	GSH1492	3	451488	4793057	2	90	110	0.54	44.3	16.9
2148	GSH1492	4	451488	4793057	2	135	110	0.54	44.2	16.9
2148	GSH1492	5	451488	4793057	2	180	69	0.43	26.5	10.1
1558	GSH1493	1	451480	4793090	2	0	41	0.54	17.3	6.6
1558	GSH1493	2	451480	4793090	2	45	102	0.54	38.8	14.8
1558	GSH1493	3	451480	4793090	2	90	102	0.54	39.1	14.9
1558	GSH1493	4	451480	4793090	2	135	102	0.54	39	14.9
1558	GSH1493	5	451480	4793090	2	180	61	0.43	21.5	8.2

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
437	GSH1494	2	451473	4793154	2	45	82	0.54	30	11.5
437	GSH1494	3	451473	4793154	2	90	82	0.54	30.2	11.5
437	GSH1494	4	451473	4793154	2	135	82	0.54	30.2	11.5
437	GSH1494	5	451473	4793154	2	180	82	0.53	30	11.5
995	GSH1495	1	451617	4793022	2	0	52	0.64	26.5	10.1
995	GSH1495	2	451617	4793022	2	45	121	0.64	53.7	20.5
995	GSH1495	3	451617	4793022	2	90	121	0.64	53.9	20.6
995	GSH1495	4	451617	4793022	2	135	121	0.79	68.1	26.0
995	GSH1495	5	451617	4793022	2	180	69	0.79	41.5	15.9
995	GSH1495	6	451617	4793022	2	225	45	0.38	14.4	5.5
995	GSH1495	7	451617	4793022	2	270	45	0.38	14.4	5.5
1853	GSH1496	2	451347	4793432	2	45	44	0.46	16	6.1
1853	GSH1496	3	451347	4793432	2	90	45	0.46	16.1	6.2
1853	GSH1496	4	451347	4793432	2	135	45	0.46	16.1	6.2
1853	GSH1496	5	451347	4793432	2	180	44	0.46	16	6.1
715	GSH1497	2	451390	4793406	2	45	44	0.48	17	6.5
715	GSH1497	3	451390	4793406	2	90	44	0.48	17.1	6.5
715	GSH1497	4	451390	4793406	2	135	44	0.48	17.1	6.5
715	GSH1497	5	451390	4793406	2	180	44	0.48	17	6.5
996	GSH1498	2	451387	4793444	2	45	49	0.48	18.2	7.0
996	GSH1498	3	451387	4793444	2	90	49	0.48	18.3	7.0
996	GSH1498	4	451387	4793444	2	135	49	0.48	18.3	7.0
996	GSH1498	5	451387	4793444	2	180	49	0.48	18.2	7.0
2044	GSH1499	2	451362	4793504	2	45	57	0.46	20.1	7.7
2044	GSH1499	3	451362	4793504	2	90	58	0.47	20.2	7.7
2044	GSH1499	4	451362	4793504	2	135	58	0.47	20.2	7.7
2044	GSH1499	5	451362	4793504	2	180	57	0.46	20.1	7.7
1748	GSH1500	2	451396	4793534	2	45	85	0.48	29.4	11.2
1748	GSH1500	3	451396	4793534	2	90	84	0.48	29.5	11.3
1748	GSH1500	4	451396	4793534	2	135	85	0.48	29.5	11.3
1748	GSH1500	5	451396	4793534	2	180	85	0.48	29.4	11.2
353	GSH1501	2	451608	4793529	2	45	99	0.53	40.3	15.4
353	GSH1501	3	451608	4793529	2	90	99	0.54	40.5	15.5
353	GSH1501	4	451608	4793529	2	135	99	0.54	40.5	15.5
353	GSH1501	5	451608	4793529	2	180	99	0.54	40.4	15.4
1480	GSH1502	2	451646	4793551	2	45	86	0.51	32.3	12.3
1480	GSH1502	3	451646	4793551	2	90	86	0.52	32.5	12.4
1480	GSH1502	4	451646	4793551	2	135	86	0.52	32.6	12.5
1480	GSH1502	5	451646	4793551	2	180	86	0.51	32.4	12.4
1481	GSH1503	2	451668	4793510	2	45	101	0.58	44.1	16.8
1481	GSH1503	3	451668	4793510	2	90	101	0.59	44.3	16.9
1481	GSH1503	4	451668	4793510	2	135	101	0.59	44.3	16.9
1481	GSH1503	5	451668	4793510	2	180	101	0.59	44.2	16.9
1482	GSH1504	2	451614	4793578	2	45	77	0.44	26	9.9
1482	GSH1504	3	451614	4793578	2	90	77	0.44	26.1	10.0
1482	GSH1504	4	451614	4793578	2	135	77	0.44	26.1	10.0
1482	GSH1504	5	451614	4793578	2	180	77	0.44	26	9.9
72	GSH1506	2	451405	4793696	2	45	25	0.27	5.2	2.0
72	GSH1506	3	451405	4793696	2	90	25	0.27	5.2	2.0
72	GSH1506	4	451405	4793696	2	135	25	0.27	5.2	2.0
72	GSH1506	5	451405	4793696	2	180	25	0.27	5.2	2.0
895	GSH1507	2	451673	4793697	2	45	44	0.37	12.3	4.7
895	GSH1507	3	451673	4793697	2	90	44	0.37	12.4	4.7
895	GSH1507	4	451673	4793697	2	135	44	0.37	12.4	4.7
895	GSH1507	5	451673	4793697	2	180	44	0.37	12.3	4.7
615	GSH1508	2	451407	4793677	2	45	35	0.36	10.1	3.9
615	GSH1508	3	451407	4793677	2	90	35	0.36	10.1	3.9
615	GSH1508	4	451407	4793677	2	135	35	0.36	10.1	3.9
615	GSH1508	5	451407	4793677	2	180	35	0.36	10.1	3.9
1750	GSH1509	5	451255	4794206	2	180	30	0.39	9.4	3.6
1750	GSH1509	6	451255	4794206	2	225	30	0.39	9.5	3.6
1750	GSH1509	7	451255	4794206	2	270	30	0.39	9.5	3.6
1750	GSH1509	8	451255	4794206	2	315	30	0.39	9.5	3.6
1751	GSH1510	5	451248	4794177	2	180	31	0.39	9.7	3.7
1751	GSH1510	6	451248	4794177	2	225	31	0.39	9.8	3.7
1751	GSH1510	7	451248	4794177	2	270	32	0.39	9.8	3.7
1751	GSH1510	8	451248	4794177	2	315	31	0.39	9.8	3.7
1752	GSH1511	5	451313	4794212	2	180	29	0.37	8.6	3.3
1752	GSH1511	6	451313	4794212	2	225	30	0.37	8.6	3.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
1752	GSH1511	7	451313	4794212	2	270	30	0.37	8.7	3.3
1752	GSH1511	8	451313	4794212	2	315	29	0.37	8.6	3.3
1753	GSH1512	5	451440	4794318	2	180	26	0.33	6.8	2.6
1753	GSH1512	6	451440	4794318	2	225	26	0.33	6.8	2.6
1753	GSH1512	7	451440	4794318	2	270	26	0.33	6.8	2.6
1753	GSH1512	8	451440	4794318	2	315	26	0.33	6.8	2.6
1754	GSH1513	5	451110	4794545	2	180	34	0.41	10.6	4.0
1754	GSH1513	6	451110	4794545	2	225	34	0.41	10.7	4.1
1754	GSH1513	7	451110	4794545	2	270	34	0.41	10.7	4.1
1754	GSH1513	8	451110	4794545	2	315	34	0.41	10.6	4.0
1483	GSH1514	5	451128	4794533	2	180	33	0.41	10.3	3.9
1483	GSH1514	6	451128	4794533	2	225	33	0.41	10.3	3.9
1483	GSH1514	7	451128	4794533	2	270	33	0.41	10.3	3.9
1483	GSH1514	8	451128	4794533	2	315	33	0.41	10.3	3.9
73	GSH1518	1	451063	4794971	2	0	62	0.47	25	9.6
73	GSH1518	2	451063	4794971	2	45	62	0.47	25.1	9.6
73	GSH1518	3	451063	4794971	2	90	62	0.47	25	9.6
73	GSH1518	4	451063	4794971	2	135	62	0.47	24.9	9.5
73	GSH1518	5	451063	4794971	2	180	70	0.37	21.7	8.3
73	GSH1518	6	451063	4794971	2	225	70	0.38	21.7	8.3
73	GSH1518	7	451063	4794971	2	270	70	0.38	21.7	8.3
73	GSH1518	8	451063	4794971	2	315	70	0.38	21.6	8.3
896	GSH1519	1	451133	4794971	2	0	41	0.4	13.1	5.0
896	GSH1519	2	451133	4794971	2	45	41	0.4	13.1	5.0
896	GSH1519	3	451133	4794971	2	90	41	0.4	13.1	5.0
896	GSH1519	4	451133	4794971	2	135	41	0.4	13	5.0
896	GSH1519	5	451133	4794971	2	180	52	0.36	14.4	5.5
896	GSH1519	6	451133	4794971	2	225	52	0.36	14.5	5.5
896	GSH1519	7	451133	4794971	2	270	52	0.36	14.5	5.5
896	GSH1519	8	451133	4794971	2	315	52	0.36	14.4	5.5
2045	GSH1520	1	451139	4795002	2	0	52	0.47	20.4	7.8
2045	GSH1520	2	451139	4795002	2	45	52	0.48	20.4	7.8
2045	GSH1520	3	451139	4795002	2	90	52	0.48	20.4	7.8
2045	GSH1520	4	451139	4795002	2	135	52	0.47	20.3	7.8
2045	GSH1520	5	451139	4795002	2	180	65	0.35	16.6	6.3
2045	GSH1520	6	451139	4795002	2	225	65	0.35	16.7	6.4
2045	GSH1520	7	451139	4795002	2	270	65	0.35	16.6	6.3
2045	GSH1520	8	451139	4795002	2	315	65	0.35	16.5	6.3
617	GSH1521	1	451281	4795140	2	0	64	0.62	33.1	12.6
617	GSH1521	2	451281	4795140	2	45	64	0.62	33.2	12.7
617	GSH1521	3	451281	4795140	2	90	64	0.62	33.2	12.7
617	GSH1521	4	451281	4795140	2	135	64	0.62	33	12.6
355	GSH1522	1	451117	4795309	2	0	47	0.54	19.9	7.6
355	GSH1522	2	451117	4795309	2	45	47	0.54	20.1	7.7
355	GSH1522	3	451117	4795309	2	90	47	0.54	20.1	7.7
355	GSH1522	4	451117	4795309	2	135	47	0.54	20	7.6
356	GSH1523	1	451143	4795331	2	0	48	0.56	21.2	8.1
356	GSH1523	2	451143	4795331	2	45	48	0.56	21.3	8.1
356	GSH1523	3	451143	4795331	2	90	48	0.57	21.4	8.2
356	GSH1523	4	451143	4795331	2	135	48	0.56	21.3	8.1
1755	GSH1524	1	451250	4795453	2	0	54	0.67	27.8	10.6
1755	GSH1524	2	451250	4795453	2	45	53	0.67	27.9	10.7
1755	GSH1524	3	451250	4795453	2	90	53	0.67	28	10.7
1755	GSH1524	4	451250	4795453	2	135	54	0.67	27.9	10.7
618	GSH1525	1	451223	4795488	2	0	50	0.64	25.2	9.6
618	GSH1525	2	451223	4795488	2	45	50	0.65	25.4	9.7
618	GSH1525	3	451223	4795488	2	90	50	0.65	25.4	9.7
618	GSH1525	4	451223	4795488	2	135	50	0.65	25.4	9.7
74	GSH1526	1	451247	4795495	2	0	53	0.67	27.2	10.4
74	GSH1526	2	451247	4795495	2	45	53	0.67	27.4	10.5
74	GSH1526	3	451247	4795495	2	90	53	0.67	27.4	10.5
74	GSH1526	4	451247	4795495	2	135	53	0.67	27.4	10.5
1484	GSH1527	1	451272	4795490	2	0	54	0.69	29.5	11.3
1484	GSH1527	2	451272	4795490	2	45	54	0.7	29.7	11.3
1484	GSH1527	3	451272	4795490	2	90	54	0.7	29.8	11.4
1484	GSH1527	4	451272	4795490	2	135	54	0.7	29.7	11.3
1756	GSH1528	1	451292	4795473	2	0	56	0.72	31.8	12.1
1756	GSH1528	2	451292	4795473	2	45	57	0.72	32	12.2
1756	GSH1528	3	451292	4795473	2	90	57	0.72	32.1	12.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1756	GSH1528	4	451292	4795473	2	135	56	0.72	32	12.2
75	GSH1529	2	451073	4795707	2	45	44	0.53	18.1	6.9
75	GSH1529	3	451073	4795707	2	90	44	0.53	18.2	7.0
75	GSH1529	4	451073	4795707	2	135	44	0.53	18.2	7.0
75	GSH1529	5	451073	4795707	2	180	44	0.53	18.1	6.9
619	GSH1530	2	451124	4795721	2	45	48	0.56	20.8	7.9
619	GSH1530	3	451124	4795721	2	90	48	0.57	20.9	8.0
619	GSH1530	4	451124	4795721	2	135	48	0.57	20.9	8.0
619	GSH1530	5	451124	4795721	2	180	47	0.56	20.7	7.9
1198	GSH1535	1	451187	4796239	2	0	27	0.36	7.7	2.9
1198	GSH1535	2	451187	4796239	2	45	28	0.36	7.8	3.0
1198	GSH1535	3	451187	4796239	2	90	28	0.36	7.8	3.0
1198	GSH1535	4	451187	4796239	2	135	28	0.36	7.7	2.9
1199	GSH1536	1	451209	4796263	2	0	28	0.37	8	3.1
1199	GSH1536	2	451209	4796263	2	45	28	0.37	8.1	3.1
1199	GSH1536	3	451209	4796263	2	90	28	0.37	8.1	3.1
1199	GSH1536	4	451209	4796263	2	135	28	0.37	8.1	3.1
1485	GSH1537	1	451253	4796272	2	0	29	0.38	8.6	3.3
1485	GSH1537	2	451253	4796272	2	45	29	0.38	8.7	3.3
1485	GSH1537	3	451253	4796272	2	90	29	0.38	8.7	3.3
1485	GSH1537	4	451253	4796272	2	135	29	0.38	8.7	3.3
1202	GSH1544	1	451132	4797733	2	0	28	0.35	7.5	2.9
1202	GSH1544	2	451132	4797733	2	45	28	0.35	7.5	2.9
1202	GSH1544	3	451132	4797733	2	90	28	0.35	7.6	2.9
1202	GSH1544	4	451132	4797733	2	135	28	0.35	7.5	2.9
1203	GSH1545	1	451140	4797770	2	0	28	0.35	7.6	2.9
1203	GSH1545	2	451140	4797770	2	45	27	0.36	7.6	2.9
1203	GSH1545	3	451140	4797770	2	90	27	0.36	7.6	2.9
1203	GSH1545	4	451140	4797770	2	135	27	0.36	7.6	2.9
621	GSH1546	1	451183	4797754	2	0	28	0.36	8.1	3.1
621	GSH1546	2	451183	4797754	2	45	28	0.37	8.2	3.1
621	GSH1546	3	451183	4797754	2	90	28	0.37	8.2	3.1
621	GSH1546	4	451183	4797754	2	135	28	0.37	8.1	3.1
359	GSH1572	5	450253	4800722	2	180	30	0.4	9.5	3.6
359	GSH1572	6	450253	4800722	2	225	30	0.4	9.5	3.6
359	GSH1572	7	450253	4800722	2	270	30	0.4	9.5	3.6
359	GSH1572	8	450253	4800722	2	315	30	0.4	9.5	3.6
80	GSH1573	5	450466	4800782	2	180	26	0.33	6.8	2.6
80	GSH1573	6	450466	4800782	2	225	26	0.33	6.8	2.6
80	GSH1573	7	450466	4800782	2	270	26	0.33	6.8	2.6
80	GSH1573	8	450466	4800782	2	315	26	0.34	6.8	2.6
1487	GSH1574	5	450471	4800822	2	180	25	0.33	6.6	2.5
1487	GSH1574	6	450471	4800822	2	225	25	0.33	6.7	2.6
1487	GSH1574	7	450471	4800822	2	270	25	0.33	6.7	2.6
1487	GSH1574	8	450471	4800822	2	315	25	0.33	6.7	2.6
1206	GSH1575	5	450121	4801109	2	180	42	0.4	13	5.0
1206	GSH1575	6	450121	4801109	2	225	42	0.4	13	5.0
1206	GSH1575	7	450121	4801109	2	270	42	0.4	13	5.0
1206	GSH1575	8	450121	4801109	2	315	42	0.4	12.9	4.9
629	GSH1576	5	450147	4801125	2	180	41	0.39	12.3	4.7
629	GSH1576	6	450147	4801125	2	225	42	0.39	12.4	4.7
629	GSH1576	7	450147	4801125	2	270	42	0.39	12.3	4.7
629	GSH1576	8	450147	4801125	2	315	41	0.39	12.3	4.7
902	GSH1577	5	450167	4801162	2	180	41	0.38	12.2	4.7
902	GSH1577	6	450167	4801162	2	225	41	0.38	12.3	4.7
902	GSH1577	7	450167	4801162	2	270	41	0.38	12.2	4.7
902	GSH1577	8	450167	4801162	2	315	41	0.38	12.2	4.7
1761	GSH1578	5	450196	4801119	2	180	38	0.37	10.9	4.2
1761	GSH1578	6	450196	4801119	2	225	38	0.38	10.9	4.2
1761	GSH1578	7	450196	4801119	2	270	38	0.38	10.9	4.2
1761	GSH1578	8	450196	4801119	2	315	38	0.38	10.8	4.1
2052	GSH1579	5	450205	4801132	2	180	37	0.37	10.7	4.1
2052	GSH1579	6	450205	4801132	2	225	37	0.37	10.8	4.1
2052	GSH1579	7	450205	4801132	2	270	37	0.37	10.8	4.1
2052	GSH1579	8	450205	4801132	2	315	37	0.37	10.7	4.1
1488	GSH1580	5	450233	4801172	2	180	38	0.36	10.5	4.0
1488	GSH1580	6	450233	4801172	2	225	38	0.36	10.5	4.0
1488	GSH1580	7	450233	4801172	2	270	38	0.36	10.5	4.0
1488	GSH1580	8	450233	4801172	2	315	38	0.36	10.4	4.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
81	GSH1581	5	450182	4801079	2	180	36	0.38	10.8	4.1
81	GSH1581	6	450182	4801079	2	225	36	0.38	10.8	4.1
81	GSH1581	7	450182	4801079	2	270	36	0.38	10.8	4.1
81	GSH1581	8	450182	4801079	2	315	36	0.38	10.8	4.1
360	GSH1582	5	450168	4801078	2	180	36	0.39	11.1	4.2
360	GSH1582	6	450168	4801078	2	225	36	0.39	11.2	4.3
360	GSH1582	7	450168	4801078	2	270	36	0.39	11.2	4.3
360	GSH1582	8	450168	4801078	2	315	36	0.39	11.1	4.2
2053	GSH1583	5	449944	4801637	2	180	32	0.4	10.1	3.9
2053	GSH1583	6	449944	4801637	2	225	32	0.4	10.2	3.9
2053	GSH1583	7	449944	4801637	2	270	32	0.4	10.2	3.9
2053	GSH1583	8	449944	4801637	2	315	32	0.4	10.2	3.9
630	GSH1584	1	450063	4801592	2	0	30	0.36	8.5	3.2
630	GSH1584	6	450063	4801592	2	225	31	0.36	8.6	3.3
630	GSH1584	7	450063	4801592	2	270	31	0.36	8.7	3.3
630	GSH1584	8	450063	4801592	2	315	31	0.36	8.6	3.3
631	GSH1585	5	450058	4801625	2	180	30	0.36	8.5	3.2
631	GSH1585	6	450058	4801625	2	225	30	0.36	8.5	3.2
631	GSH1585	7	450058	4801625	2	270	30	0.36	8.6	3.3
631	GSH1585	8	450058	4801625	2	315	30	0.36	8.6	3.3
2054	GSH1586	5	450077	4801635	2	180	30	0.36	8.2	3.1
2054	GSH1586	6	450077	4801635	2	225	30	0.36	8.3	3.2
2054	GSH1586	7	450077	4801635	2	270	30	0.36	8.3	3.2
2054	GSH1586	8	450077	4801635	2	315	30	0.36	8.3	3.2
1762	GSH1587	5	450158	4802321	2	180	28	0.34	7.4	2.8
1762	GSH1587	6	450158	4802321	2	225	28	0.34	7.4	2.8
1762	GSH1587	7	450158	4802321	2	270	28	0.34	7.5	2.9
1762	GSH1587	8	450158	4802321	2	315	28	0.34	7.4	2.8
1207	GSH1588	5	450148	4802369	2	180	26	0.35	7.2	2.8
1207	GSH1588	6	450148	4802369	2	225	26	0.35	7.3	2.8
1207	GSH1588	7	450148	4802369	2	270	26	0.35	7.3	2.8
1207	GSH1588	8	450148	4802369	2	315	26	0.35	7.3	2.8
632	GSH1589	5	450073	4802340	2	180	28	0.37	8.2	3.1
632	GSH1589	6	450073	4802340	2	225	28	0.37	8.3	3.2
632	GSH1589	7	450073	4802340	2	270	28	0.37	8.3	3.2
632	GSH1589	8	450073	4802340	2	315	28	0.37	8.3	3.2
2149	GSH1593	5	449945	4802746	2	180	31	0.37	9.1	3.5
2149	GSH1593	6	449945	4802746	2	225	31	0.37	9.1	3.5
2149	GSH1593	7	449945	4802746	2	270	31	0.37	9.1	3.5
2149	GSH1593	8	449945	4802746	2	315	31	0.37	9.1	3.5
997	GSH1594	5	450011	4802721	2	180	29	0.36	8.1	3.1
997	GSH1594	6	450011	4802721	2	225	29	0.36	8.2	3.1
997	GSH1594	7	450011	4802721	2	270	29	0.36	8.2	3.1
997	GSH1594	8	450011	4802721	2	315	29	0.36	8.2	3.1
2151	GSH1598	1	449937	4803090	2	0	70	0.61	36.3	13.9
2151	GSH1598	6	449937	4803090	2	225	70	0.61	36.3	13.9
2151	GSH1598	7	449937	4803090	2	270	70	0.61	36.4	13.9
2151	GSH1598	8	449937	4803090	2	315	70	0.61	36.4	13.9
2152	GSH1599	1	450121	4803517	2	0	30	0.38	9.2	3.5
2152	GSH1599	2	450121	4803517	2	45	30	0.38	9.2	3.5
2152	GSH1599	3	450121	4803517	2	90	30	0.39	9.2	3.5
2152	GSH1599	4	450121	4803517	2	135	30	0.38	9.2	3.5
2152	GSH1599	5	450121	4803517	2	180	35	0.46	12.8	4.9
2152	GSH1599	6	450121	4803517	2	225	35	0.46	12.9	4.9
2152	GSH1599	7	450121	4803517	2	270	35	0.46	12.9	4.9
2152	GSH1599	8	450121	4803517	2	315	35	0.46	12.9	4.9
717	GSH1600	1	449818	4803981	2	0	44	0.46	15.8	6.0
717	GSH1600	2	449818	4803981	2	45	44	0.47	15.8	6.0
717	GSH1600	3	449818	4803981	2	90	44	0.47	15.8	6.0
717	GSH1600	4	449818	4803981	2	135	100	0.46	37.8	14.4
717	GSH1600	5	449818	4803981	2	180	82	0.45	28.8	11.0
717	GSH1600	6	449818	4803981	2	225	82	0.45	28.9	11.0
717	GSH1600	7	449818	4803981	2	270	82	0.45	28.9	11.0
717	GSH1600	8	449818	4803981	2	315	26	0.33	6.7	2.6
168	GSH1601	1	449844	4803971	2	0	46	0.47	17.2	6.6
168	GSH1601	2	449844	4803971	2	45	46	0.48	17.2	6.6
168	GSH1601	3	449844	4803971	2	90	46	0.48	17.2	6.6
168	GSH1601	4	449844	4803971	2	135	111	0.48	43.6	16.7
168	GSH1601	5	449844	4803971	2	180	65	0.47	26.5	10.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
168	GSH1601	6	449844	4803971	2	225	66	0.47	26.7	10.2
168	GSH1601	7	449844	4803971	2	270	65	0.47	26.6	10.2
998	GSH1602	1	449854	4803978	2	0	46	0.48	17.4	6.6
998	GSH1602	2	449854	4803978	2	45	46	0.48	17.5	6.7
998	GSH1602	3	449854	4803978	2	90	46	0.48	17.5	6.7
998	GSH1602	4	449854	4803978	2	135	111	0.48	43.6	16.7
998	GSH1602	5	449854	4803978	2	180	65	0.47	26.2	10.0
998	GSH1602	6	449854	4803978	2	225	65	0.47	26.3	10.0
998	GSH1602	7	449854	4803978	2	270	65	0.47	26.2	10.0
438	GSH1603	1	449884	4804003	2	0	48	0.5	18.6	7.1
438	GSH1603	2	449884	4804003	2	45	48	0.5	18.7	7.1
438	GSH1603	3	449884	4804003	2	90	48	0.5	18.7	7.1
438	GSH1603	4	449884	4804003	2	135	112	0.5	43.2	16.5
438	GSH1603	5	449884	4804003	2	180	64	0.45	24.7	9.4
438	GSH1603	6	449884	4804003	2	225	64	0.45	24.7	9.4
438	GSH1603	7	449884	4804003	2	270	64	0.45	24.7	9.4
2153	GSH1604	1	449874	4803942	2	0	53	0.49	19.8	7.6
2153	GSH1604	2	449874	4803942	2	45	53	0.49	19.9	7.6
2153	GSH1604	3	449874	4803942	2	90	53	0.49	19.9	7.6
2153	GSH1604	4	449874	4803942	2	135	52	0.49	19.8	7.6
2153	GSH1604	5	449874	4803942	2	180	79	0.5	31.2	11.9
2153	GSH1604	6	449874	4803942	2	225	79	0.5	31.4	12.0
2153	GSH1604	7	449874	4803942	2	270	79	0.5	31.2	11.9
2153	GSH1604	8	449874	4803942	2	315	79	0.5	31.1	11.9
1559	GSH1605	1	450244	4803990	2	0	81	0.48	26.5	10.1
1559	GSH1605	2	450244	4803990	2	45	119	0.48	39.3	15.0
1559	GSH1605	3	450244	4803990	2	90	119	0.48	39.3	15.0
1559	GSH1605	4	450244	4803990	2	135	118	0.47	38.9	14.9
1559	GSH1605	5	450244	4803990	2	180	57	0.68	22.7	8.7
1559	GSH1605	6	450244	4803990	2	225	36	0.37	10.1	3.9
1559	GSH1605	7	450244	4803990	2	270	36	0.37	10.1	3.9
1559	GSH1605	8	450244	4803990	2	315	36	0.37	10	3.8
1311	GSH1606	1	450209	4803972	2	0	86	0.54	30.8	11.8
1311	GSH1606	2	450209	4803972	2	45	121	0.54	42.6	16.3
1311	GSH1606	3	450209	4803972	2	90	121	0.54	42.6	16.3
1311	GSH1606	4	450209	4803972	2	135	121	0.54	42.3	16.2
1311	GSH1606	5	450209	4803972	2	180	61	0.57	22.3	8.5
1311	GSH1606	6	450209	4803972	2	225	36	0.38	10.7	4.1
1311	GSH1606	7	450209	4803972	2	270	36	0.38	10.7	4.1
1311	GSH1606	8	450209	4803972	2	315	36	0.38	10.7	4.1
718	GSH1607	1	450214	4803953	2	0	67	0.36	17.4	6.6
718	GSH1607	2	450214	4803953	2	45	101	0.42	29.1	11.1
718	GSH1607	3	450214	4803953	2	90	101	0.43	29.1	11.1
718	GSH1607	4	450214	4803953	2	135	100	0.43	28.7	11.0
718	GSH1607	5	450214	4803953	2	180	61	0.57	21.9	8.4
718	GSH1607	6	450214	4803953	2	225	36	0.38	10.5	4.0
718	GSH1607	7	450214	4803953	2	270	36	0.38	10.5	4.0
718	GSH1607	8	450214	4803953	2	315	36	0.38	10.4	4.0
1854	GSH1608	1	449658	4804277	2	0	102	0.84	55	21.0
1854	GSH1608	2	449658	4804277	2	45	81	0.41	26.7	10.2
1854	GSH1608	3	449658	4804277	2	90	81	0.42	26.7	10.2
1854	GSH1608	4	449658	4804277	2	135	81	0.41	26.6	10.2
1854	GSH1608	5	449658	4804277	2	180	30	0.35	8.4	3.2
1854	GSH1608	6	449658	4804277	2	225	100	0.46	36.8	14.1
1854	GSH1608	7	449658	4804277	2	270	100	0.46	36.9	14.1
1854	GSH1608	8	449658	4804277	2	315	100	0.46	36.9	14.1
1560	GSH1609	1	449674	4804292	2	0	108	0.81	57.7	22.0
1560	GSH1609	2	449674	4804292	2	45	83	0.42	27.7	10.6
1560	GSH1609	3	449674	4804292	2	90	83	0.42	27.7	10.6
1560	GSH1609	4	449674	4804292	2	135	83	0.42	27.5	10.5
1560	GSH1609	5	449674	4804292	2	180	30	0.35	8.2	3.1
1560	GSH1609	6	449674	4804292	2	225	106	0.45	38.4	14.7
1560	GSH1609	7	449674	4804292	2	270	106	0.45	38.5	14.7
1560	GSH1609	8	449674	4804292	2	315	106	0.45	38.5	14.7
1859	GSH1610	1	449690	4804279	2	0	106	0.76	51.5	19.7
1859	GSH1610	2	449690	4804279	2	45	73	0.43	22.6	8.6
1859	GSH1610	3	449690	4804279	2	90	73	0.43	22.6	8.6
1859	GSH1610	4	449690	4804279	2	135	73	0.43	22.5	8.6
1859	GSH1610	5	449690	4804279	2	180	30	0.34	8	3.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1859	GSH1610	6	449690	4804279	2	225	104	0.44	37.1	14.2
1859	GSH1610	7	449690	4804279	2	270	104	0.44	37.1	14.2
1859	GSH1610	8	449690	4804279	2	315	104	0.44	37.1	14.2
2156	GSH1611	1	449731	4804304	2	0	119	0.53	47.8	18.3
2156	GSH1611	2	449731	4804304	2	45	71	0.44	21.7	8.3
2156	GSH1611	3	449731	4804304	2	90	71	0.45	21.7	8.3
2156	GSH1611	4	449731	4804304	2	135	70	0.44	21.6	8.3
2156	GSH1611	6	449731	4804304	2	225	85	0.43	26.2	10.0
2156	GSH1611	7	449731	4804304	2	270	85	0.43	26.3	10.0
2156	GSH1611	8	449731	4804304	2	315	85	0.43	26.3	10.0
1860	GSH1612	1	449851	4804366	2	0	42	0.39	12.7	4.9
1860	GSH1612	2	449851	4804366	2	45	39	0.5	15.4	5.9
1860	GSH1612	3	449851	4804366	2	90	39	0.51	15.5	5.9
1860	GSH1612	4	449851	4804366	2	135	39	0.51	15.4	5.9
1860	GSH1612	5	449851	4804366	2	180	39	0.5	15.4	5.9
1860	GSH1612	6	449851	4804366	2	225	42	0.43	12.8	4.9
1860	GSH1612	7	449851	4804366	2	270	42	0.43	12.9	4.9
1860	GSH1612	8	449851	4804366	2	315	42	0.43	12.8	4.9
1570	GSH1613	1	449874	4804362	2	0	41	0.43	12.1	4.6
1570	GSH1613	2	449874	4804362	2	45	40	0.52	16.2	6.2
1570	GSH1613	3	449874	4804362	2	90	40	0.52	16.3	6.2
1570	GSH1613	4	449874	4804362	2	135	40	0.52	16.2	6.2
1570	GSH1613	5	449874	4804362	2	180	40	0.52	16.1	6.2
1570	GSH1613	6	449874	4804362	2	225	41	0.43	12.1	4.6
1570	GSH1613	7	449874	4804362	2	270	41	0.44	12.3	4.7
1570	GSH1613	8	449874	4804362	2	315	41	0.44	12.3	4.7
1005	GSH1614	1	449710	4804762	2	0	41	0.5	15.7	6.0
1005	GSH1614	2	449710	4804762	2	45	98	0.5	33.8	12.9
1005	GSH1614	3	449710	4804762	2	90	98	0.5	34	13.0
1005	GSH1614	4	449710	4804762	2	135	97	0.5	33.9	12.9
1005	GSH1614	5	449710	4804762	2	180	88	0.43	28.7	11.0
1005	GSH1614	6	449710	4804762	2	225	32	0.42	10.7	4.1
1005	GSH1614	7	449710	4804762	2	270	32	0.42	10.7	4.1
1005	GSH1614	8	449710	4804762	2	315	32	0.42	10.7	4.1
720	GSH1615	1	449808	4804750	2	0	47	0.55	20.5	7.8
720	GSH1615	2	449808	4804750	2	45	122	0.56	46.3	17.7
720	GSH1615	3	449808	4804750	2	90	124	0.56	46.5	17.8
720	GSH1615	4	449808	4804750	2	135	125	0.56	46.5	17.8
720	GSH1615	5	449808	4804750	2	180	107	0.47	34.8	13.3
720	GSH1615	6	449808	4804750	2	225	31	0.39	9.1	3.5
720	GSH1615	7	449808	4804750	2	270	31	0.39	9.2	3.5
720	GSH1615	8	449808	4804750	2	315	31	0.39	9.1	3.5
1325	GSH1616	1	449922	4804699	2	0	67	0.64	33.3	12.7
1325	GSH1616	2	449922	4804699	2	45	158	0.64	66	25.2
1325	GSH1616	3	449922	4804699	2	90	158	0.64	66.3	25.3
1325	GSH1616	4	449922	4804699	2	135	158	0.64	66.2	25.3
1325	GSH1616	5	449922	4804699	2	180	119	0.53	40.6	15.5
1325	GSH1616	6	449922	4804699	2	225	28	0.36	7.9	3.0
1325	GSH1616	7	449922	4804699	2	270	28	0.36	7.9	3.0
1325	GSH1616	8	449922	4804699	2	315	28	0.36	7.9	3.0
171	GSH1617	1	449931	4804757	2	0	73	0.86	41.4	15.8
171	GSH1617	2	449931	4804757	2	45	145	0.87	72.1	27.5
171	GSH1617	3	449931	4804757	2	90	145	0.87	72.3	27.6
171	GSH1617	4	449931	4804757	2	135	145	0.86	72.2	27.6
171	GSH1617	5	449931	4804757	2	180	100	0.49	38.2	14.6
171	GSH1617	6	449931	4804757	2	225	28	0.35	7.6	2.9
171	GSH1617	7	449931	4804757	2	270	28	0.35	7.6	2.9
171	GSH1617	8	449931	4804757	2	315	28	0.35	7.6	2.9
1571	GSH1618	1	449940	4804807	2	0	80	0.73	40.5	15.5
1571	GSH1618	2	449940	4804807	2	45	135	0.73	61.8	23.6
1571	GSH1618	3	449940	4804807	2	90	135	0.73	61.9	23.6
1571	GSH1618	4	449940	4804807	2	135	135	0.73	61.8	23.6
1571	GSH1618	5	449940	4804807	2	180	82	0.45	28.4	10.8
1571	GSH1618	6	449940	4804807	2	225	27	0.35	7.3	2.8
1571	GSH1618	7	449940	4804807	2	270	27	0.35	7.3	2.8
1571	GSH1618	8	449940	4804807	2	315	27	0.35	7.3	2.8
2157	GSH1619	1	449763	4805168	2	0	45	0.52	15.3	5.8
2157	GSH1619	2	449763	4805168	2	45	91	0.44	34.6	13.2
2157	GSH1619	3	449763	4805168	2	90	90	0.54	34.7	13.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2157	GSH1619	4	449763	4805168	2	135	90	0.54	34.6	13.2
2157	GSH1619	5	449763	4805168	2	180	46	0.9	28.2	10.8
2157	GSH1619	6	449763	4805168	2	225	30	0.37	9	3.4
2157	GSH1619	7	449763	4805168	2	270	30	0.37	9	3.4
2157	GSH1619	8	449763	4805168	2	315	30	0.37	8.9	3.4
1861	GSH1620	1	449737	4805228	2	0	73	0.47	30.5	11.7
1861	GSH1620	2	449737	4805228	2	45	121	0.52	50.2	19.2
1861	GSH1620	3	449737	4805228	2	90	121	0.52	50.3	19.2
1861	GSH1620	4	449737	4805228	2	135	121	0.52	50.1	19.1
1861	GSH1620	5	449737	4805228	2	180	48	0.88	29.1	11.1
1861	GSH1620	6	449737	4805228	2	225	33	0.37	9.6	3.7
1861	GSH1620	7	449737	4805228	2	270	33	0.37	9.6	3.7
1861	GSH1620	8	449737	4805228	2	315	33	0.37	9.6	3.7
439	GSH1621	1	449729	4805331	2	0	61	0.48	22.7	8.7
439	GSH1621	2	449729	4805331	2	45	131	0.5	49.1	18.8
439	GSH1621	3	449729	4805331	2	90	131	0.51	49.3	18.8
439	GSH1621	4	449729	4805331	2	135	131	0.51	49.2	18.8
439	GSH1621	5	449729	4805331	2	180	79	0.81	36.9	14.1
439	GSH1621	6	449729	4805331	2	225	38	0.36	10.6	4.0
439	GSH1621	7	449729	4805331	2	270	38	0.36	10.6	4.0
439	GSH1621	8	449729	4805331	2	315	38	0.36	10.5	4.0
1006	GSH1622	1	449655	4805732	2	0	36	0.48	13.7	5.2
1006	GSH1622	2	449655	4805732	2	45	36	0.48	13.8	5.3
1006	GSH1622	3	449655	4805732	2	90	36	0.48	13.8	5.3
1006	GSH1622	4	449655	4805732	2	135	36	0.48	13.8	5.3
2158	GSH1623	1	449629	4805712	2	0	36	0.46	13	5.0
2158	GSH1623	2	449629	4805712	2	45	36	0.47	13.1	5.0
2158	GSH1623	3	449629	4805712	2	90	36	0.47	13.1	5.0
2158	GSH1623	4	449629	4805712	2	135	36	0.47	13.1	5.0
172	GSH1624	1	449639	4805693	2	0	35	0.47	13.1	5.0
172	GSH1624	2	449639	4805693	2	45	35	0.47	13.2	5.0
172	GSH1624	3	449639	4805693	2	90	35	0.47	13.3	5.1
172	GSH1624	4	449639	4805693	2	135	35	0.47	13.2	5.0
2159	GSH1625	1	449678	4805687	2	0	37	0.49	14.3	5.5
2159	GSH1625	2	449678	4805687	2	45	37	0.49	14.4	5.5
2159	GSH1625	3	449678	4805687	2	90	37	0.49	14.4	5.5
2159	GSH1625	4	449678	4805687	2	135	37	0.49	14.4	5.5
440	GSH1626	1	449665	4805693	2	0	37	0.48	13.9	5.3
440	GSH1626	2	449665	4805693	2	45	37	0.48	14	5.3
440	GSH1626	3	449665	4805693	2	90	37	0.48	14.1	5.4
440	GSH1626	4	449665	4805693	2	135	37	0.48	14	5.3
441	GSH1627	1	449897	4805604	2	0	53	0.63	26.5	10.1
441	GSH1627	2	449897	4805604	2	45	85	0.64	35.7	13.6
441	GSH1627	3	449897	4805604	2	90	85	0.64	35.8	13.7
441	GSH1627	4	449897	4805604	2	135	85	0.64	35.7	13.6
441	GSH1627	5	449897	4805604	2	180	32	0.37	9.1	3.5
173	GSH1628	1	449888	4805584	2	0	54	0.62	26.2	10.0
173	GSH1628	2	449888	4805584	2	45	85	0.63	35.1	13.4
173	GSH1628	3	449888	4805584	2	90	85	0.63	35.2	13.4
173	GSH1628	4	449888	4805584	2	135	85	0.62	35.1	13.4
173	GSH1628	5	449888	4805584	2	180	31	0.37	8.8	3.4
1862	GSH1629	1	449911	4805565	2	0	57	0.64	28.9	11.0
1862	GSH1629	2	449911	4805565	2	45	88	0.64	38.1	14.6
1862	GSH1629	3	449911	4805565	2	90	88	0.64	38.2	14.6
1862	GSH1629	4	449911	4805565	2	135	89	0.64	38.1	14.6
1862	GSH1629	5	449911	4805565	2	180	31	0.37	9	3.4
2160	GSH1630	2	449489	4805946	2	45	33	0.41	10.7	4.1
2160	GSH1630	3	449489	4805946	2	90	33	0.41	10.7	4.1
2160	GSH1630	4	449489	4805946	2	135	33	0.41	10.7	4.1
2160	GSH1630	5	449489	4805946	2	180	33	0.41	10.7	4.1
1007	GSH1631	2	449559	4805994	2	45	37	0.44	12.6	4.8
1007	GSH1631	3	449559	4805994	2	90	37	0.44	12.6	4.8
1007	GSH1631	4	449559	4805994	2	135	37	0.44	12.6	4.8
1007	GSH1631	5	449559	4805994	2	180	37	0.43	12.6	4.8
2161	GSH1632	2	449537	4805990	2	45	35	0.43	12	4.6
2161	GSH1632	3	449537	4805990	2	90	36	0.43	12	4.6
2161	GSH1632	4	449537	4805990	2	135	35	0.43	12	4.6
2161	GSH1632	5	449537	4805990	2	180	35	0.43	11.9	4.5
1326	GSH1633	2	449749	4806022	2	45	48	0.53	20.1	7.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
1326	GSH1633	3	449749	4806022	2	90	48	0.53	20.2	7.7
1326	GSH1633	4	449749	4806022	2	135	48	0.53	20.2	7.7
1326	GSH1633	5	449749	4806022	2	180	49	0.53	20.1	7.7
1008	GSH1634	2	449731	4806026	2	45	48	0.52	19.4	7.4
1008	GSH1634	3	449731	4806026	2	90	48	0.52	19.5	7.4
1008	GSH1634	4	449731	4806026	2	135	48	0.52	19.5	7.4
1008	GSH1634	5	449731	4806026	2	180	48	0.52	19.4	7.4
174	GSH1635	2	449714	4806028	2	45	46	0.51	18.5	7.1
174	GSH1635	3	449714	4806028	2	90	46	0.51	18.6	7.1
174	GSH1635	4	449714	4806028	2	135	46	0.51	18.6	7.1
174	GSH1635	5	449714	4806028	2	180	46	0.51	18.5	7.1
2162	GSH1636	2	449760	4806007	2	45	48	0.53	20.3	7.8
2162	GSH1636	3	449760	4806007	2	90	48	0.54	20.4	7.8
2162	GSH1636	4	449760	4806007	2	135	48	0.54	20.4	7.8
2162	GSH1636	5	449760	4806007	2	180	48	0.53	20.3	7.8
2165	GSH1732	5	451463	4806634	2	180	64	0.36	17	6.5
2165	GSH1732	6	451463	4806634	2	225	65	0.36	17.1	6.5
2165	GSH1732	7	451463	4806634	2	270	65	0.36	17	6.5
2165	GSH1732	8	451463	4806634	2	315	64	0.36	16.9	6.5
2166	GSH1733	5	451495	4806598	2	180	45	0.36	12.5	4.8
2166	GSH1733	6	451495	4806598	2	225	46	0.36	12.6	4.8
2166	GSH1733	7	451495	4806598	2	270	46	0.36	12.5	4.8
2166	GSH1733	8	451495	4806598	2	315	45	0.36	12.5	4.8
2167	GSH1736	5	451525	4806160	2	180	31	0.39	9.5	3.6
2167	GSH1736	6	451525	4806160	2	225	31	0.39	9.6	3.7
2167	GSH1736	7	451525	4806160	2	270	31	0.39	9.6	3.7
2167	GSH1736	8	451525	4806160	2	315	31	0.39	9.5	3.6
1011	GSH1737	5	451487	4806151	2	180	32	0.41	10.1	3.9
1011	GSH1737	6	451487	4806151	2	225	32	0.41	10.2	3.9
1011	GSH1737	7	451487	4806151	2	270	32	0.41	10.2	3.9
1011	GSH1737	8	451487	4806151	2	315	32	0.41	10.2	3.9
1012	GSH1738	5	451501	4806125	2	180	31	0.41	9.9	3.8
1012	GSH1738	6	451501	4806125	2	225	32	0.41	10	3.8
1012	GSH1738	7	451501	4806125	2	270	32	0.41	10	3.8
1012	GSH1738	8	451501	4806125	2	315	31	0.41	10	3.8
724	GSH1739	5	451505	4806093	2	180	31	0.41	10	3.8
724	GSH1739	6	451505	4806093	2	225	31	0.41	10.1	3.9
724	GSH1739	7	451505	4806093	2	270	31	0.41	10.1	3.9
724	GSH1739	8	451505	4806093	2	315	31	0.41	10	3.8
179	GSH1740	5	451536	4806112	2	180	31	0.39	9.5	3.6
179	GSH1740	6	451536	4806112	2	225	31	0.39	9.5	3.6
179	GSH1740	7	451536	4806112	2	270	31	0.39	9.5	3.6
179	GSH1740	8	451536	4806112	2	315	31	0.4	9.5	3.6
1576	GSH1741	5	451513	4806185	2	180	32	0.4	9.7	3.7
1576	GSH1741	6	451513	4806185	2	225	32	0.4	9.7	3.7
1576	GSH1741	7	451513	4806185	2	270	32	0.4	9.7	3.7
1576	GSH1741	8	451513	4806185	2	315	32	0.4	9.7	3.7
180	GSH1742	5	451265	4805937	2	180	41	0.54	17.5	6.7
180	GSH1742	6	451265	4805937	2	225	42	0.54	17.6	6.7
180	GSH1742	7	451265	4805937	2	270	42	0.54	17.6	6.7
180	GSH1742	8	451265	4805937	2	315	42	0.54	17.6	6.7
1013	GSH1743	4	451257	4805829	2	135	28	0.28	6.4	2.4
1013	GSH1743	5	451257	4805829	2	180	74	0.56	26.3	10.0
1013	GSH1743	6	451257	4805829	2	225	74	0.56	26.4	10.1
1013	GSH1743	7	451257	4805829	2	270	74	0.56	26.5	10.1
1013	GSH1743	8	451257	4805829	2	315	46	0.56	19.9	7.6
1866	GSH1744	1	451224	4805778	2	0	50	0.59	23.2	8.9
1866	GSH1744	4	451224	4805778	2	135	37	0.7	16.3	6.2
1866	GSH1744	5	451224	4805778	2	180	37	0.71	16.7	6.4
1866	GSH1744	6	451224	4805778	2	225	87	0.71	40.2	15.4
1866	GSH1744	7	451224	4805778	2	270	87	0.71	40.1	15.3
1866	GSH1744	8	451224	4805778	2	315	50	0.59	23.3	8.9
1577	GSH1745	1	451240	4805704	2	0	58	0.59	24.2	9.2
1577	GSH1745	4	451240	4805704	2	135	77	1.35	83.7	32.0
1577	GSH1745	5	451240	4805704	2	180	77	1.35	84.1	32.1
1577	GSH1745	6	451240	4805704	2	225	135	1.35	108.9	41.6
1577	GSH1745	7	451240	4805704	2	270	135	1.35	109	41.6
1577	GSH1745	8	451240	4805704	2	315	58	0.59	24.4	9.3
725	GSH1746	1	451427	4805489	2	0	74	0.47	31.1	11.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
725	GSH1746	5	451427	4805489	2	180	111	0.98	69.8	26.7
725	GSH1746	6	451427	4805489	2	225	186	0.98	101.3	38.7
725	GSH1746	7	451427	4805489	2	270	186	0.98	101.5	38.8
725	GSH1746	8	451427	4805489	2	315	185	0.98	101.2	38.7
1014	GSH1747	1	451449	4805530	2	0	89	0.46	29.4	11.2
1014	GSH1747	5	451449	4805530	2	180	105	0.91	61	23.3
1014	GSH1747	6	451449	4805530	2	225	194	0.91	90.8	34.7
1014	GSH1747	7	451449	4805530	2	270	194	0.91	91	34.8
1014	GSH1747	8	451449	4805530	2	315	194	0.91	90.7	34.6
1015	GSH1748	1	451478	4805493	2	0	80	0.45	30.6	11.7
1015	GSH1748	5	451478	4805493	2	180	103	0.88	57.3	21.9
1015	GSH1748	6	451478	4805493	2	225	183	0.88	88.2	33.7
1015	GSH1748	7	451478	4805493	2	270	183	0.88	88.4	33.8
1015	GSH1748	8	451478	4805493	2	315	183	0.88	88.2	33.7
1578	GSH1749	1	451473	4805462	2	0	70	0.45	28	10.7
1578	GSH1749	5	451473	4805462	2	180	105	0.9	60.9	23.3
1578	GSH1749	6	451473	4805462	2	225	175	0.9	89.3	34.1
1578	GSH1749	7	451473	4805462	2	270	176	0.91	89.5	34.2
1578	GSH1749	8	451473	4805462	2	315	175	0.91	89.3	34.1
726	GSH1750	1	451664	4805298	2	0	103	0.68	43.9	16.8
726	GSH1750	5	451664	4805298	2	180	27	0.36	7.8	3.0
726	GSH1750	6	451664	4805298	2	225	130	0.68	51.8	19.8
726	GSH1750	7	451664	4805298	2	270	132	0.68	52.1	19.9
726	GSH1750	8	451664	4805298	2	315	131	0.68	52	19.9
1579	GSH1751	1	451686	4805313	2	0	107	0.66	44.2	16.9
1579	GSH1751	5	451686	4805313	2	180	27	0.35	7.5	2.9
1579	GSH1751	6	451686	4805313	2	225	135	0.65	51.9	19.8
1579	GSH1751	7	451686	4805313	2	270	136	0.65	52.2	19.9
1579	GSH1751	8	451686	4805313	2	315	136	0.66	52.2	19.9
1016	GSH1752	1	451756	4804847	2	0	33	0.36	8.8	3.4
1016	GSH1752	5	451756	4804847	2	180	61	0.91	42.5	16.2
1016	GSH1752	6	451756	4804847	2	225	95	0.91	51.6	19.7
1016	GSH1752	7	451756	4804847	2	270	95	0.91	51.6	19.7
1016	GSH1752	8	451756	4804847	2	315	95	0.91	51.4	19.6
727	GSH1753	1	451761	4804820	2	0	33	0.36	8.7	3.3
727	GSH1753	5	451761	4804820	2	180	65	0.8	42.1	16.1
727	GSH1753	6	451761	4804820	2	225	98	0.81	51	19.5
727	GSH1753	7	451761	4804820	2	270	98	0.8	51	19.5
727	GSH1753	8	451761	4804820	2	315	98	0.8	50.9	19.4
1580	GSH1754	1	451778	4804847	2	0	32	0.35	8.3	3.2
1580	GSH1754	5	451778	4804847	2	180	59	0.84	39.1	14.9
1580	GSH1754	6	451778	4804847	2	225	91	0.84	47.6	18.2
1580	GSH1754	7	451778	4804847	2	270	92	0.84	47.7	18.2
1580	GSH1754	8	451778	4804847	2	315	91	0.84	47.5	18.1
1017	GSH1755	1	451933	4804437	2	0	79	0.61	42.3	16.2
1017	GSH1755	5	451933	4804437	2	180	97	0.45	30.2	11.5
1017	GSH1755	6	451933	4804437	2	225	176	0.61	72.6	27.7
1017	GSH1755	7	451933	4804437	2	270	176	0.6	72.6	27.7
1017	GSH1755	8	451933	4804437	2	315	175	0.61	72.4	27.7
1867	GSH1756	1	451919	4804268	2	0	30	0.35	8	3.1
1867	GSH1756	5	451919	4804268	2	180	45	0.49	17.3	6.6
1867	GSH1756	6	451919	4804268	2	225	75	0.49	25.5	9.7
1867	GSH1756	7	451919	4804268	2	270	75	0.49	25.6	9.8
1867	GSH1756	8	451919	4804268	2	315	75	0.49	25.5	9.7
1018	GSH1757	1	451894	4804246	2	0	32	0.36	8.6	3.3
1018	GSH1757	5	451894	4804246	2	180	46	0.51	18.4	7.0
1018	GSH1757	6	451894	4804246	2	225	78	0.51	27.2	10.4
1018	GSH1757	7	451894	4804246	2	270	78	0.51	27.2	10.4
1018	GSH1757	8	451894	4804246	2	315	78	0.51	27.1	10.4
728	GSH1758	1	451913	4804213	2	0	33	0.35	8.6	3.3
728	GSH1758	5	451913	4804213	2	180	44	0.5	17.3	6.6
728	GSH1758	6	451913	4804213	2	225	77	0.5	26	9.9
728	GSH1758	7	451913	4804213	2	270	77	0.5	26	9.9
728	GSH1758	8	451913	4804213	2	315	77	0.5	25.9	9.9
1019	GSH1759	5	451987	4803780	2	180	44	0.53	18.5	7.1
1019	GSH1759	6	451987	4803780	2	225	44	0.53	18.6	7.1
1019	GSH1759	7	451987	4803780	2	270	44	0.53	18.6	7.1
1019	GSH1759	8	451987	4803780	2	315	44	0.53	18.6	7.1
1581	GSH1760	5	452000	4803776	2	180	44	0.52	18	6.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1581	GSH1760	6	452000	4803776	2	225	45	0.52	18.1	6.9
1581	GSH1760	7	452000	4803776	2	270	45	0.52	18.2	7.0
1581	GSH1760	8	452000	4803776	2	315	45	0.52	18.2	7.0
2168	GSH1761	5	452107	4803792	2	180	38	0.46	14	5.3
2168	GSH1761	6	452107	4803792	2	225	38	0.46	14	5.3
2168	GSH1761	7	452107	4803792	2	270	38	0.46	14.1	5.4
2168	GSH1761	8	452107	4803792	2	315	38	0.46	14	5.3
2169	GSH1762	5	452152	4803804	2	180	36	0.44	12.6	4.8
2169	GSH1762	6	452152	4803804	2	225	36	0.44	12.7	4.9
2169	GSH1762	7	452152	4803804	2	270	36	0.44	12.7	4.9
2169	GSH1762	8	452152	4803804	2	315	36	0.44	12.7	4.9
2170	GSH1763	5	452137	4803836	2	180	36	0.45	12.6	4.8
2170	GSH1763	6	452137	4803836	2	225	36	0.45	12.7	4.9
2170	GSH1763	7	452137	4803836	2	270	36	0.45	12.7	4.9
2170	GSH1763	8	452137	4803836	2	315	36	0.45	12.7	4.9
444	GSH1764	1	452018	4803455	2	0	49	0.46	18.4	7.0
444	GSH1764	6	452018	4803455	2	225	49	0.46	18.4	7.0
444	GSH1764	7	452018	4803455	2	270	49	0.47	18.5	7.1
444	GSH1764	8	452018	4803455	2	315	49	0.47	18.5	7.1
1020	GSH1765	1	452057	4803470	2	0	62	0.5	26.5	10.1
1020	GSH1765	6	452057	4803470	2	225	62	0.5	26.6	10.2
1020	GSH1765	7	452057	4803470	2	270	62	0.5	26.6	10.2
1020	GSH1765	8	452057	4803470	2	315	62	0.5	26.6	10.2
731	GSH1790	2	452132	4801328	2	45	14	0.14	1.6	0.6
731	GSH1790	3	452132	4801328	2	90	14	0.14	1.6	0.6
731	GSH1790	4	452132	4801328	2	135	14	0.14	1.6	0.6
731	GSH1790	5	452132	4801328	2	180	14	0.14	1.6	0.6
183	GSH1791	2	452261	4800956	2	45	43	0.45	14.9	5.7
183	GSH1791	3	452261	4800956	2	90	44	0.45	15	5.7
183	GSH1791	4	452261	4800956	2	135	44	0.45	15	5.7
183	GSH1791	5	452261	4800956	2	180	42	0.45	14.9	5.7
2173	GSH1792	2	452325	4800984	2	45	50	0.47	18.5	7.1
2173	GSH1792	3	452325	4800984	2	90	50	0.47	18.6	7.1
2173	GSH1792	4	452325	4800984	2	135	50	0.47	18.6	7.1
2173	GSH1792	5	452325	4800984	2	180	50	0.47	18.5	7.1
1329	GSH1793	2	452337	4800940	2	45	47	0.48	17.4	6.6
1329	GSH1793	3	452337	4800940	2	90	47	0.48	17.5	6.7
1329	GSH1793	4	452337	4800940	2	135	47	0.48	17.5	6.7
1329	GSH1793	5	452337	4800940	2	180	47	0.48	17.4	6.6
1330	GSH1794	1	452627	4800455	2	0	64	0.69	33.9	12.9
1330	GSH1794	2	452627	4800455	2	45	64	0.69	34.1	13.0
1330	GSH1794	3	452627	4800455	2	90	64	0.69	34.1	13.0
1330	GSH1794	4	452627	4800455	2	135	64	0.69	34	13.0
1023	GSH1795	1	452605	4800407	2	0	66	0.65	33.6	12.8
1023	GSH1795	2	452605	4800407	2	45	66	0.66	33.7	12.9
1023	GSH1795	3	452605	4800407	2	90	66	0.66	33.8	12.9
1023	GSH1795	4	452605	4800407	2	135	66	0.65	33.6	12.8
1024	GSH1796	1	452631	4800418	2	0	70	0.68	37.1	14.2
1024	GSH1796	2	452631	4800418	2	45	70	0.69	37.3	14.2
1024	GSH1796	3	452631	4800418	2	90	70	0.69	37.3	14.2
1024	GSH1796	4	452631	4800418	2	135	71	0.68	37.2	14.2
2174	GSH1801	2	451918	4799987	2	45	36	0.36	10.2	3.9
2174	GSH1801	3	451918	4799987	2	90	36	0.36	10.3	3.9
2174	GSH1801	4	451918	4799987	2	135	36	0.36	10.3	3.9
2174	GSH1801	5	451918	4799987	2	180	36	0.36	10.2	3.9
2175	GSH1802	2	451890	4799945	2	45	33	0.35	9.2	3.5
2175	GSH1802	3	451890	4799945	2	90	33	0.35	9.2	3.5
2175	GSH1802	4	451890	4799945	2	135	33	0.35	9.2	3.5
2175	GSH1802	5	451890	4799945	2	180	33	0.35	9.2	3.5
1587	GSH1803	2	451915	4799802	2	45	30	0.36	8.4	3.2
1587	GSH1803	3	451915	4799802	2	90	30	0.36	8.5	3.2
1587	GSH1803	4	451915	4799802	2	135	30	0.36	8.5	3.2
1587	GSH1803	5	451915	4799802	2	180	30	0.36	8.4	3.2
1026	GSH1804	2	451927	4799786	2	45	29	0.36	8.5	3.2
1026	GSH1804	3	451927	4799786	2	90	30	0.36	8.5	3.2
1026	GSH1804	4	451927	4799786	2	135	29	0.36	8.5	3.2
1026	GSH1804	5	451927	4799786	2	180	29	0.36	8.4	3.2
449	GSH1805	2	451900	4799708	2	45	28	0.36	7.9	3.0
449	GSH1805	3	451900	4799708	2	90	28	0.36	7.9	3.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
449	GSH1805	4	451900	4799708	2	135	28	0.36	7.9	3.0
449	GSH1805	5	451900	4799708	2	180	28	0.35	7.8	3.0
733	GSH1806	1	452341	4800017	2	0	62	0.43	23.5	9.0
733	GSH1806	2	452341	4800017	2	45	125	0.46	48.8	18.6
733	GSH1806	3	452341	4800017	2	90	125	0.46	48.9	18.7
733	GSH1806	4	452341	4800017	2	135	125	0.46	48.8	18.6
733	GSH1806	5	452341	4800017	2	180	63	0.46	25.3	9.7
734	GSH1807	1	452364	4799975	2	0	42	0.37	12.7	4.9
734	GSH1807	2	452364	4799975	2	45	116	0.5	44	16.8
734	GSH1807	3	452364	4799975	2	90	116	0.5	44.1	16.8
734	GSH1807	4	452364	4799975	2	135	116	0.5	44.1	16.8
734	GSH1807	5	452364	4799975	2	180	74	0.5	31.3	12.0
2176	GSH1808	2	452449	4799790	2	45	55	0.61	26.3	10.0
2176	GSH1808	3	452449	4799790	2	90	55	0.61	26.5	10.1
2176	GSH1808	4	452449	4799790	2	135	55	0.61	26.5	10.1
2176	GSH1808	5	452449	4799790	2	180	56	0.61	26.4	10.1
1588	GSH1809	2	452465	4799757	2	45	55	0.62	26.4	10.1
1588	GSH1809	3	452465	4799757	2	90	55	0.62	26.6	10.2
1588	GSH1809	4	452465	4799757	2	135	55	0.62	26.5	10.1
1588	GSH1809	5	452465	4799757	2	180	54	0.62	26.4	10.1
1875	GSH1810	2	452797	4799872	2	45	93	0.82	50.8	19.4
1875	GSH1810	3	452797	4799872	2	90	93	0.83	51.1	19.5
1875	GSH1810	4	452797	4799872	2	135	93	0.83	51.3	19.6
1875	GSH1810	5	452797	4799872	2	180	93	0.83	51.2	19.6
1027	GSH1811	2	452817	4799824	2	45	118	1.02	84.6	32.3
1027	GSH1811	3	452817	4799824	2	90	118	1.02	85.2	32.5
1027	GSH1811	4	452817	4799824	2	135	118	1.03	85.4	32.6
1027	GSH1811	5	452817	4799824	2	180	118	1.02	85.2	32.5
735	GSH1815	4	453489	4800151	2	135	30	0.39	9.2	3.5
735	GSH1815	5	453489	4800151	2	180	30	0.39	9.4	3.6
735	GSH1815	6	453489	4800151	2	225	30	0.39	9.5	3.6
735	GSH1815	7	453489	4800151	2	270	30	0.39	9.4	3.6
2177	GSH1816	4	453502	4800152	2	135	36	0.43	12.3	4.7
2177	GSH1816	5	453502	4800152	2	180	36	0.43	12.4	4.7
2177	GSH1816	6	453502	4800152	2	225	36	0.43	12.5	4.8
2177	GSH1816	7	453502	4800152	2	270	36	0.43	12.5	4.8
2178	GSH1817	4	453507	4800134	2	135	46	0.48	18.4	7.0
2178	GSH1817	5	453507	4800134	2	180	46	0.48	18.6	7.1
2178	GSH1817	6	453507	4800134	2	225	46	0.48	18.7	7.1
2178	GSH1817	7	453507	4800134	2	270	46	0.48	18.7	7.1
1028	GSH1818	4	453469	4800150	2	135	17	0.22	3	1.1
1028	GSH1818	5	453469	4800150	2	180	17	0.23	3.1	1.2
1028	GSH1818	6	453469	4800150	2	225	17	0.23	3.2	1.2
1028	GSH1818	7	453469	4800150	2	270	17	0.23	3.2	1.2
1332	GSH1819	2	453453	4800123	2	45	14	0.19	2.1	0.8
1332	GSH1819	3	453453	4800123	2	90	13	0.19	2	0.8
1332	GSH1819	4	453453	4800123	2	135	27	0.55	9.6	3.7
1332	GSH1819	5	453453	4800123	2	180	27	0.56	9.9	3.8
1332	GSH1819	6	453453	4800123	2	225	27	0.36	7.9	3.0
1332	GSH1819	7	453453	4800123	2	270	27	0.36	7.8	3.0
2179	GSH1820	2	453422	4800129	2	45	23	0.3	5.4	2.1
2179	GSH1820	3	453422	4800129	2	90	23	0.3	5.4	2.1
2179	GSH1820	4	453422	4800129	2	135	23	0.3	5.4	2.1
2179	GSH1820	5	453422	4800129	2	180	23	0.3	5.4	2.1
2180	GSH1822	2	453397	4800004	2	45	89	0.62	48.9	18.7
2180	GSH1822	3	453397	4800004	2	90	89	0.62	49.2	18.8
2180	GSH1822	4	453397	4800004	2	135	89	1.28	89.1	34.0
2180	GSH1822	5	453397	4800004	2	180	89	1.28	89.2	34.1
2180	GSH1822	6	453397	4800004	2	225	66	0.73	40.2	15.4
2180	GSH1822	7	453397	4800004	2	270	66	0.73	40.2	15.4
736	GSH1823	2	453402	4799962	2	45	104	0.68	50.7	19.4
736	GSH1823	3	453402	4799962	2	90	104	0.68	51	19.5
736	GSH1823	4	453402	4799962	2	135	104	1.34	111.9	42.7
736	GSH1823	5	453402	4799962	2	180	104	1.34	112	42.8
736	GSH1823	6	453402	4799962	2	225	86	0.82	61.3	23.4
736	GSH1823	7	453402	4799962	2	270	86	0.81	61.2	23.4
1879	GSH1824	2	453475	4799977	2	45	93	0.71	59.2	22.6
1879	GSH1824	3	453475	4799977	2	90	93	0.71	59.5	22.7
1879	GSH1824	4	453475	4799977	2	135	96	1.43	120.3	46.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1879	GSH1824	5	453475	4799977	2	180	96	1.43	120.4	46.0
1879	GSH1824	6	453475	4799977	2	225	96	0.72	61.1	23.3
1879	GSH1824	7	453475	4799977	2	270	96	0.71	61	23.3
1589	GSH1825	2	453507	4800005	2	45	77	0.74	49.9	19.1
1589	GSH1825	3	453507	4800005	2	90	77	0.75	50.2	19.2
1589	GSH1825	4	453507	4800005	2	135	94	1.36	104.8	40.0
1589	GSH1825	5	453507	4800005	2	180	94	1.36	104.9	40.1
1589	GSH1825	6	453507	4800005	2	225	94	0.66	54.9	21.0
1589	GSH1825	7	453507	4800005	2	270	94	0.66	54.8	20.9
2184	GSH1830	1	452751	4798768	2	0	26	0.34	6.8	2.6
2184	GSH1830	2	452751	4798768	2	45	27	0.34	6.9	2.6
2184	GSH1830	3	452751	4798768	2	90	27	0.34	6.9	2.6
2184	GSH1830	4	452751	4798768	2	135	27	0.34	6.9	2.6
1333	GSH1831	1	452900	4798934	2	0	29	0.38	8.7	3.3
1333	GSH1831	2	452900	4798934	2	45	29	0.38	8.7	3.3
1333	GSH1831	3	452900	4798934	2	90	29	0.38	8.7	3.3
1333	GSH1831	4	452900	4798934	2	135	29	0.38	8.7	3.3
1880	GSH1832	1	452966	4798943	2	0	93	0.4	30.7	11.7
1880	GSH1832	2	452966	4798943	2	45	94	0.4	30.8	11.8
1880	GSH1832	3	452966	4798943	2	90	94	0.4	30.8	11.8
1880	GSH1832	4	452966	4798943	2	135	94	0.4	30.7	11.7
450	GSH1833	5	452780	4798324	2	180	88	0.71	44.6	17.0
450	GSH1833	6	452780	4798324	2	225	88	0.71	44.8	17.1
450	GSH1833	7	452780	4798324	2	270	88	0.71	44.7	17.1
450	GSH1833	8	452780	4798324	2	315	88	0.71	44.4	17.0
186	GSH1834	5	452743	4798256	2	180	79	0.79	47.1	18.0
186	GSH1834	6	452743	4798256	2	225	80	0.79	47.4	18.1
186	GSH1834	7	452743	4798256	2	270	80	0.79	47.3	18.1
186	GSH1834	8	452743	4798256	2	315	79	0.79	46.9	17.9
737	GSH1835	5	452790	4798283	2	180	71	0.72	39.7	15.2
737	GSH1835	6	452790	4798283	2	225	71	0.72	39.9	15.2
737	GSH1835	7	452790	4798283	2	270	71	0.72	39.8	15.2
737	GSH1835	8	452790	4798283	2	315	70	0.72	39.6	15.1
1881	GSH1836	5	452799	4798294	2	180	71	0.71	38.7	14.8
1881	GSH1836	6	452799	4798294	2	225	71	0.71	38.9	14.9
1881	GSH1836	7	452799	4798294	2	270	71	0.71	38.9	14.9
1881	GSH1836	8	452799	4798294	2	315	71	0.71	38.7	14.8
1590	GSH1837	5	452804	4798234	2	180	64	0.73	36.1	13.8
1590	GSH1837	6	452804	4798234	2	225	64	0.73	36.3	13.9
1590	GSH1837	7	452804	4798234	2	270	64	0.73	36.3	13.9
1590	GSH1837	8	452804	4798234	2	315	64	0.73	36.1	13.8
1029	GSH1838	5	452789	4798251	2	180	68	0.74	38.6	14.7
1029	GSH1838	6	452789	4798251	2	225	68	0.74	38.8	14.8
1029	GSH1838	7	452789	4798251	2	270	68	0.74	38.8	14.8
1029	GSH1838	8	452789	4798251	2	315	68	0.74	38.6	14.7
451	GSH1839	5	453407	4798162	2	180	29	0.39	8.9	3.4
451	GSH1839	6	453407	4798162	2	225	29	0.39	9	3.4
451	GSH1839	7	453407	4798162	2	270	29	0.39	9	3.4
451	GSH1839	8	453407	4798162	2	315	29	0.39	8.9	3.4
187	GSH1840	5	453409	4798195	2	180	29	0.38	8.8	3.4
187	GSH1840	6	453409	4798195	2	225	29	0.38	8.8	3.4
187	GSH1840	7	453409	4798195	2	270	29	0.38	8.8	3.4
187	GSH1840	8	453409	4798195	2	315	29	0.38	8.8	3.4
188	GSH1841	5	453473	4798185	2	180	29	0.36	8	3.1
188	GSH1841	6	453473	4798185	2	225	29	0.36	8.1	3.1
188	GSH1841	7	453473	4798185	2	270	29	0.36	8.1	3.1
188	GSH1841	8	453473	4798185	2	315	29	0.36	8	3.1
2185	GSH1842	5	453619	4797977	2	180	27	0.34	7.1	2.7
2185	GSH1842	6	453619	4797977	2	225	27	0.34	7.2	2.8
2185	GSH1842	7	453619	4797977	2	270	27	0.34	7.2	2.8
2185	GSH1842	8	453619	4797977	2	315	27	0.34	7.2	2.8
1335	GSH1844	5	452786	4797956	2	180	76	0.89	53	20.2
1335	GSH1844	6	452786	4797956	2	225	77	0.89	53.4	20.4
1335	GSH1844	7	452786	4797956	2	270	77	0.89	53.6	20.5
1335	GSH1844	8	452786	4797956	2	315	77	0.89	53.5	20.4
2186	GSH1845	5	452978	4797983	2	180	51	0.63	25.3	9.7
2186	GSH1845	6	452978	4797983	2	225	51	0.63	25.4	9.7
2186	GSH1845	7	452978	4797983	2	270	51	0.63	25.5	9.7
2186	GSH1845	8	452978	4797983	2	315	51	0.63	25.4	9.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1030	GSH1846	5	452971	4798007	2	180	51	0.63	25.1	9.6
1030	GSH1846	6	452971	4798007	2	225	51	0.63	25.3	9.7
1030	GSH1846	7	452971	4798007	2	270	51	0.63	25.3	9.7
1030	GSH1846	8	452971	4798007	2	315	51	0.63	25.2	9.6
738	GSH1847	4	452826	4797280	2	135	114	0.94	93	35.5
738	GSH1847	5	452826	4797280	2	180	114	0.94	93.5	35.7
738	GSH1847	6	452826	4797280	2	225	114	0.94	93.7	35.8
738	GSH1847	7	452826	4797280	2	270	114	0.94	93.5	35.7
739	GSH1848	4	452856	4797283	2	135	118	0.88	85.3	32.6
739	GSH1848	5	452856	4797283	2	180	120	0.88	85.9	32.8
739	GSH1848	6	452856	4797283	2	225	120	0.89	86.2	32.9
739	GSH1848	7	452856	4797283	2	270	120	0.88	86	32.9
1336	GSH1849	5	453086	4797320	2	180	57	0.65	28.7	11.0
1336	GSH1849	6	453086	4797320	2	225	57	0.65	28.8	11.0
1336	GSH1849	7	453086	4797320	2	270	57	0.65	28.8	11.0
1336	GSH1849	8	453086	4797320	2	315	57	0.65	28.7	11.0
1337	GSH1850	5	453089	4797363	2	180	60	0.63	29.2	11.2
1337	GSH1850	6	453089	4797363	2	225	60	0.63	29.3	11.2
1337	GSH1850	7	453089	4797363	2	270	60	0.63	29.3	11.2
1337	GSH1850	8	453089	4797363	2	315	59	0.63	29.1	11.1
452	GSH1851	5	453105	4797378	2	180	59	0.61	27.9	10.7
452	GSH1851	6	453105	4797378	2	225	59	0.61	28	10.7
452	GSH1851	7	453105	4797378	2	270	59	0.61	28	10.7
452	GSH1851	8	453105	4797378	2	315	59	0.61	27.8	10.6
1882	GSH1852	5	453147	4797340	2	180	51	0.59	23.8	9.1
1882	GSH1852	6	453147	4797340	2	225	51	0.59	23.9	9.1
1882	GSH1852	7	453147	4797340	2	270	51	0.59	23.8	9.1
1882	GSH1852	8	453147	4797340	2	315	51	0.59	23.7	9.1
2187	GSH1853	4	453139	4797323	2	135	9	0.1	0.7	0.3
2187	GSH1853	5	453139	4797323	2	180	62	0.6	25.1	9.6
2187	GSH1853	6	453139	4797323	2	225	62	0.61	25.3	9.7
2187	GSH1853	7	453139	4797323	2	270	62	0.61	25.2	9.6
2187	GSH1853	8	453139	4797323	2	315	52	0.61	24.3	9.3
1031	GSH1854	4	453118	4797291	2	135	20	0.21	3.3	1.3
1031	GSH1854	5	453118	4797291	2	180	74	0.63	29.2	11.2
1031	GSH1854	6	453118	4797291	2	225	74	0.63	29.4	11.2
1031	GSH1854	7	453118	4797291	2	270	74	0.63	29.4	11.2
1031	GSH1854	8	453118	4797291	2	315	53	0.63	25.8	9.9
189	GSH1855	4	453173	4797290	2	135	38	0.34	10.8	4.1
189	GSH1855	5	453173	4797290	2	180	87	0.59	33	12.6
189	GSH1855	6	453173	4797290	2	225	87	0.59	33.1	12.6
189	GSH1855	7	453173	4797290	2	270	87	0.59	33.1	12.6
189	GSH1855	8	453173	4797290	2	315	48	0.59	22.1	8.4
453	GSH1856	2	453171	4796987	2	45	52	0.44	18.2	7.0
453	GSH1856	3	453171	4796987	2	90	52	0.45	18.3	7.0
453	GSH1856	4	453171	4796987	2	135	52	0.45	18.3	7.0
453	GSH1856	5	453171	4796987	2	180	124	0.83	62.5	23.9
453	GSH1856	6	453171	4796987	2	225	102	0.66	44.5	17.0
453	GSH1856	7	453171	4796987	2	270	102	0.66	44.6	17.0
453	GSH1856	8	453171	4796987	2	315	102	0.66	44.4	17.0
1591	GSH1857	1	453218	4796957	2	0	56	0.62	26.7	10.2
1591	GSH1857	2	453218	4796957	2	45	54	0.47	19.2	7.3
1591	GSH1857	3	453218	4796957	2	90	54	0.47	19.3	7.4
1591	GSH1857	4	453218	4796957	2	135	54	0.47	19.3	7.4
1591	GSH1857	5	453218	4796957	2	180	73	0.76	32.3	12.3
1591	GSH1857	6	453218	4796957	2	225	96	0.62	39.9	15.2
1591	GSH1857	7	453218	4796957	2	270	96	0.62	40.1	15.3
1591	GSH1857	8	453218	4796957	2	315	96	0.62	39.9	15.2
1338	GSH1858	2	453257	4797005	2	45	83	0.48	30.4	11.6
1338	GSH1858	3	453257	4797005	2	90	83	0.48	30.6	11.7
1338	GSH1858	4	453257	4797005	2	135	83	0.48	30.6	11.7
1338	GSH1858	5	453257	4797005	2	180	160	0.58	64.7	24.7
1338	GSH1858	6	453257	4797005	2	225	86	0.58	34.4	13.1
1338	GSH1858	7	453257	4797005	2	270	87	0.58	34.5	13.2
1338	GSH1858	8	453257	4797005	2	315	86	0.58	34.4	13.1
190	GSH1859	1	453365	4796520	2	0	44	0.56	19.1	7.3
190	GSH1859	2	453365	4796520	2	45	44	0.56	19.2	7.3
190	GSH1859	3	453365	4796520	2	90	44	0.56	19.3	7.4
190	GSH1859	4	453365	4796520	2	135	44	0.56	19.2	7.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
190	GSH1859	5	453365	4796520	2	180	34	0.42	10.7	4.1
190	GSH1859	6	453365	4796520	2	225	34	0.42	10.8	4.1
190	GSH1859	7	453365	4796520	2	270	34	0.42	10.8	4.1
190	GSH1859	8	453365	4796520	2	315	34	0.42	10.8	4.1
1339	GSH1860	1	453431	4796519	2	0	47	0.61	22.8	8.7
1339	GSH1860	2	453431	4796519	2	45	47	0.61	23	8.8
1339	GSH1860	3	453431	4796519	2	90	47	0.62	23	8.8
1339	GSH1860	4	453431	4796519	2	135	47	0.61	22.9	8.7
1339	GSH1860	5	453431	4796519	2	180	32	0.39	9.6	3.7
1339	GSH1860	6	453431	4796519	2	225	32	0.39	9.6	3.7
1339	GSH1860	7	453431	4796519	2	270	32	0.39	9.7	3.7
1339	GSH1860	8	453431	4796519	2	315	32	0.39	9.6	3.7
454	GSH1861	1	453092	4796119	2	0	89	0.52	33.6	12.8
454	GSH1861	2	453092	4796119	2	45	39	0.4	12.2	4.7
454	GSH1861	3	453092	4796119	2	90	39	0.4	12.2	4.7
454	GSH1861	4	453092	4796119	2	135	38	0.4	12.2	4.7
454	GSH1861	6	453092	4796119	2	225	51	0.52	21.5	8.2
454	GSH1861	7	453092	4796119	2	270	51	0.52	21.6	8.3
454	GSH1861	8	453092	4796119	2	315	51	0.52	21.6	8.3
1592	GSH1862	1	453080	4796057	2	0	43	0.39	12.9	4.9
1592	GSH1862	2	453080	4796057	2	45	49	0.39	13.3	5.1
1592	GSH1862	3	453080	4796057	2	90	48	0.39	13.2	5.0
1592	GSH1862	4	453080	4796057	2	135	48	0.39	13.2	5.0
1592	GSH1862	5	453080	4796057	2	180	6	0.07	0.3	0.1
1883	GSH1863	1	452978	4796051	2	0	35	0.36	10	3.8
1883	GSH1863	2	452978	4796051	2	45	76	0.38	22.5	8.6
1883	GSH1863	3	452978	4796051	2	90	76	0.38	22.5	8.6
1883	GSH1863	4	452978	4796051	2	135	76	0.38	22.5	8.6
1883	GSH1863	5	452978	4796051	2	180	70	0.38	20.2	7.7
1883	GSH1863	6	452978	4796051	2	225	29	0.35	7.7	2.9
1883	GSH1863	7	452978	4796051	2	270	29	0.35	7.7	2.9
1883	GSH1863	8	452978	4796051	2	315	29	0.35	7.6	2.9
455	GSH1864	1	453147	4796109	2	0	101	0.52	39	14.9
455	GSH1864	2	453147	4796109	2	45	45	0.42	14.5	5.5
455	GSH1864	3	453147	4796109	2	90	45	0.42	14.5	5.5
455	GSH1864	4	453147	4796109	2	135	44	0.41	14.4	5.5
455	GSH1864	6	453147	4796109	2	225	57	0.52	24.6	9.4
455	GSH1864	7	453147	4796109	2	270	57	0.52	24.7	9.4
455	GSH1864	8	453147	4796109	2	315	57	0.52	24.7	9.4
456	GSH1865	1	453366	4795965	2	0	29	0.28	6.4	2.4
456	GSH1865	6	453366	4795965	2	225	29	0.28	6.4	2.4
456	GSH1865	7	453366	4795965	2	270	29	0.28	6.5	2.5
456	GSH1865	8	453366	4795965	2	315	29	0.28	6.5	2.5
457	GSH1866	1	453392	4796010	2	0	55	0.69	24.9	9.5
457	GSH1866	2	453392	4796010	2	45	25	0.27	5.4	2.1
457	GSH1866	3	453392	4796010	2	90	25	0.27	5.3	2.0
457	GSH1866	4	453392	4796010	2	135	25	0.26	5.2	2.0
457	GSH1866	6	453392	4796010	2	225	55	0.42	19.6	7.5
457	GSH1866	7	453392	4796010	2	270	55	0.42	19.7	7.5
457	GSH1866	8	453392	4796010	2	315	55	0.42	19.7	7.5
1340	GSH1867	1	453416	4796026	2	0	64	0.64	27.4	10.5
1340	GSH1867	2	453416	4796026	2	45	21	0.23	3.9	1.5
1340	GSH1867	3	453416	4796026	2	90	21	0.23	3.9	1.5
1340	GSH1867	4	453416	4796026	2	135	21	0.23	3.7	1.4
1340	GSH1867	6	453416	4796026	2	225	64	0.41	23.5	9.0
1340	GSH1867	7	453416	4796026	2	270	64	0.41	23.6	9.0
1340	GSH1867	8	453416	4796026	2	315	64	0.41	23.6	9.0
1341	GSH1868	1	453418	4795994	2	0	53	0.41	18.2	7.0
1341	GSH1868	6	453418	4795994	2	225	53	0.41	18.2	7.0
1341	GSH1868	7	453418	4795994	2	270	53	0.41	18.3	7.0
1341	GSH1868	8	453418	4795994	2	315	53	0.41	18.3	7.0
1593	GSH1869	2	453254	4795498	2	45	49	0.64	24.7	9.4
1593	GSH1869	3	453254	4795498	2	90	49	0.64	24.8	9.5
1593	GSH1869	4	453254	4795498	2	135	49	0.64	24.7	9.4
1593	GSH1869	5	453254	4795498	2	180	49	0.64	24.6	9.4
1342	GSH1870	1	453260	4795455	2	0	49	0.64	24.8	9.5
1342	GSH1870	2	453260	4795455	2	45	50	0.65	25	9.6
1342	GSH1870	3	453260	4795455	2	90	50	0.65	25.1	9.6
1342	GSH1870	4	453260	4795455	2	135	50	0.65	25.1	9.6

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1594	GSH1871	1	453272	4795396	2	0	51	0.65	26.1	10.0
1594	GSH1871	2	453272	4795396	2	45	50	0.65	26.2	10.0
1594	GSH1871	3	453272	4795396	2	90	50	0.66	26.3	10.0
1594	GSH1871	4	453272	4795396	2	135	50	0.65	26.2	10.0
1595	GSH1872	1	453246	4795415	2	0	50	0.63	24.1	9.2
1595	GSH1872	2	453246	4795415	2	45	49	0.63	24.1	9.2
1595	GSH1872	3	453246	4795415	2	90	49	0.63	24.2	9.2
1595	GSH1872	4	453246	4795415	2	135	50	0.63	24.2	9.2
458	GSH1873	1	453410	4795228	2	0	107	0.79	68.1	26.0
458	GSH1873	2	453410	4795228	2	45	107	0.79	68.4	26.1
458	GSH1873	3	453410	4795228	2	90	107	0.79	68.4	26.1
458	GSH1873	4	453410	4795228	2	135	107	0.79	68.1	26.0
1884	GSH1874	1	453457	4795213	2	0	87	0.79	60.5	23.1
1884	GSH1874	2	453457	4795213	2	45	114	0.79	68.1	26.0
1884	GSH1874	3	453457	4795213	2	90	114	0.79	68.1	26.0
1884	GSH1874	4	453457	4795213	2	135	114	0.79	67.7	25.9
1884	GSH1874	5	453457	4795213	2	180	27	0.34	7.3	2.8
1596	GSH1875	1	453443	4795191	2	0	81	0.76	53.1	20.3
1596	GSH1875	2	453443	4795191	2	45	108	0.76	60.6	23.1
1596	GSH1875	3	453443	4795191	2	90	81	0.76	53.4	20.4
1596	GSH1875	4	453443	4795191	2	135	107	0.76	60.2	23.0
1596	GSH1875	5	453443	4795191	2	180	27	0.34	7.1	2.7
2188	GSH1876	1	453384	4795194	2	0	99	0.74	61.2	23.4
2188	GSH1876	2	453384	4795194	2	45	99	0.74	61.5	23.5
2188	GSH1876	3	453384	4795194	2	90	99	0.74	61.5	23.5
2188	GSH1876	4	453384	4795194	2	135	99	0.74	61.2	23.4
1597	GSH1881	1	453471	4794935	2	0	26	0.34	6.9	2.6
1597	GSH1881	2	453471	4794935	2	45	26	0.34	7	2.7
1597	GSH1881	3	453471	4794935	2	90	26	0.34	7	2.7
1597	GSH1881	4	453471	4794935	2	135	26	0.34	7	2.7
1598	GSH1882	1	453517	4794957	2	0	27	0.35	7.4	2.8
1598	GSH1882	2	453517	4794957	2	45	27	0.35	7.4	2.8
1598	GSH1882	3	453517	4794957	2	90	27	0.35	7.5	2.9
1598	GSH1882	4	453517	4794957	2	135	27	0.35	7.4	2.8
1033	GSH1885	1	453552	4794484	2	0	32	0.34	8.5	3.2
1033	GSH1885	2	453552	4794484	2	45	32	0.34	8.6	3.3
1033	GSH1885	3	453552	4794484	2	90	32	0.34	8.6	3.3
1033	GSH1885	4	453552	4794484	2	135	32	0.34	8.5	3.2
1344	GSH1886	1	453604	4794485	2	0	34	0.36	9.4	3.6
1344	GSH1886	2	453604	4794485	2	45	34	0.36	9.5	3.6
1344	GSH1886	3	453604	4794485	2	90	34	0.36	9.5	3.6
1344	GSH1886	4	453604	4794485	2	135	34	0.36	9.4	3.6
2189	GSH1887	1	453623	4794361	2	0	41	0.35	11.3	4.3
2189	GSH1887	2	453623	4794361	2	45	41	0.35	11.4	4.4
2189	GSH1887	3	453623	4794361	2	90	41	0.35	11.4	4.4
2189	GSH1887	4	453623	4794361	2	135	41	0.35	11.3	4.3
742	GSH1892	1	453476	4793728	2	0	48	0.61	22.5	8.6
742	GSH1892	2	453476	4793728	2	45	47	0.61	22.6	8.6
742	GSH1892	3	453476	4793728	2	90	47	0.62	22.7	8.7
742	GSH1892	4	453476	4793728	2	135	47	0.62	22.7	8.7
742	GSH1892	5	453476	4793728	2	180	52	0.53	21.5	8.2
742	GSH1892	6	453476	4793728	2	225	52	0.53	21.6	8.3
742	GSH1892	7	453476	4793728	2	270	52	0.53	21.6	8.3
742	GSH1892	8	453476	4793728	2	315	52	0.53	21.5	8.2
192	GSH1893	1	453481	4793687	2	0	48	0.61	22.9	8.7
192	GSH1893	2	453481	4793687	2	45	47	0.62	22.9	8.7
192	GSH1893	3	453481	4793687	2	90	47	0.62	23	8.8
192	GSH1893	4	453481	4793687	2	135	48	0.62	23	8.8
192	GSH1893	5	453481	4793687	2	180	50	0.53	20.4	7.8
192	GSH1893	6	453481	4793687	2	225	50	0.53	20.5	7.8
192	GSH1893	7	453481	4793687	2	270	50	0.53	20.5	7.8
192	GSH1893	8	453481	4793687	2	315	50	0.53	20.4	7.8
2191	GSH1894	1	453516	4793677	2	0	50	0.65	25.4	9.7
2191	GSH1894	2	453516	4793677	2	45	50	0.65	25.6	9.8
2191	GSH1894	3	453516	4793677	2	90	50	0.65	25.7	9.8
2191	GSH1894	4	453516	4793677	2	135	50	0.65	25.6	9.8
2191	GSH1894	5	453516	4793677	2	180	46	0.52	18.4	7.0
2191	GSH1894	6	453516	4793677	2	225	46	0.52	18.5	7.1
2191	GSH1894	7	453516	4793677	2	270	46	0.52	18.5	7.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2191	GSH1894	8	453516	4793677	2	315	46	0.52	18.4	7.0
2192	GSH1895	2	453511	4793740	2	45	50	0.65	25.1	9.6
2192	GSH1895	3	453511	4793740	2	90	50	0.65	25.2	9.6
2192	GSH1895	4	453511	4793740	2	135	50	0.65	25.2	9.6
2192	GSH1895	5	453511	4793740	2	180	100	0.64	44.5	17.0
2192	GSH1895	6	453511	4793740	2	225	50	0.51	19.6	7.5
2192	GSH1895	7	453511	4793740	2	270	50	0.51	19.5	7.4
2192	GSH1895	8	453511	4793740	2	315	50	0.51	19.4	7.4
193	GSH1896	2	453744	4793798	2	45	77	0.98	59.3	22.7
193	GSH1896	3	453744	4793798	2	90	77	0.99	59.6	22.8
193	GSH1896	4	453744	4793798	2	135	77	0.99	59.6	22.8
193	GSH1896	5	453744	4793798	2	180	102	0.98	70.4	26.9
193	GSH1896	6	453744	4793798	2	225	35	0.4	11.2	4.3
193	GSH1896	7	453744	4793798	2	270	35	0.4	11.2	4.3
193	GSH1896	8	453744	4793798	2	315	34	0.4	11.1	4.2
743	GSH1897	2	453712	4793801	2	45	72	0.92	51.5	19.7
743	GSH1897	3	453712	4793801	2	90	73	0.92	51.8	19.8
743	GSH1897	4	453712	4793801	2	135	72	0.92	51.7	19.7
743	GSH1897	5	453712	4793801	2	180	104	0.92	63.6	24.3
743	GSH1897	6	453712	4793801	2	225	38	0.41	12.1	4.6
743	GSH1897	7	453712	4793801	2	270	38	0.41	12.1	4.6
743	GSH1897	8	453712	4793801	2	315	38	0.41	12.1	4.6
460	GSH1898	2	453707	4793848	2	45	74	0.9	51.7	19.7
460	GSH1898	3	453707	4793848	2	90	74	0.9	52	19.9
460	GSH1898	4	453707	4793848	2	135	74	0.9	52	19.9
460	GSH1898	5	453707	4793848	2	180	92	1.01	64.2	24.5
460	GSH1898	6	453707	4793848	2	225	39	0.41	12.5	4.8
460	GSH1898	7	453707	4793848	2	270	39	0.41	12.5	4.8
460	GSH1898	8	453707	4793848	2	315	39	0.41	12.5	4.8
1886	GSH1899	1	453652	4793499	2	0	115	0.78	68.2	26.1
1886	GSH1899	2	453652	4793499	2	45	115	0.78	68.6	26.2
1886	GSH1899	3	453652	4793499	2	90	115	0.78	68.6	26.2
1886	GSH1899	4	453652	4793499	2	135	115	0.78	68.1	26.0
1886	GSH1899	5	453652	4793499	2	180	37	0.48	13.8	5.3
1886	GSH1899	6	453652	4793499	2	225	37	0.48	13.9	5.3
1886	GSH1899	7	453652	4793499	2	270	37	0.48	13.9	5.3
1886	GSH1899	8	453652	4793499	2	315	37	0.48	13.8	5.3
461	GSH1900	1	453620	4793474	2	0	113	0.73	62.3	23.8
461	GSH1900	2	453620	4793474	2	45	132	0.73	65.8	25.1
461	GSH1900	3	453620	4793474	2	90	132	0.74	65.8	25.1
461	GSH1900	4	453620	4793474	2	135	131	0.73	65.4	25.0
461	GSH1900	5	453620	4793474	2	180	57	0.5	18	6.9
461	GSH1900	6	453620	4793474	2	225	38	0.5	15	5.7
461	GSH1900	7	453620	4793474	2	270	38	0.5	15	5.7
461	GSH1900	8	453620	4793474	2	315	38	0.5	15	5.7
744	GSH1901	1	453667	4793459	2	0	95	0.78	63	24.1
744	GSH1901	2	453667	4793459	2	45	109	0.78	64.9	24.8
744	GSH1901	3	453667	4793459	2	90	108	0.78	64.9	24.8
744	GSH1901	4	453667	4793459	2	135	108	0.78	64.6	24.7
744	GSH1901	5	453667	4793459	2	180	51	0.48	15.2	5.8
744	GSH1901	6	453667	4793459	2	225	37	0.48	13.7	5.2
744	GSH1901	7	453667	4793459	2	270	37	0.48	13.7	5.2
744	GSH1901	8	453667	4793459	2	315	37	0.48	13.7	5.2
2193	GSH1902	1	453485	4793249	2	0	61	0.54	27.7	10.6
2193	GSH1902	2	453485	4793249	2	45	103	0.55	40	15.3
2193	GSH1902	3	453485	4793249	2	90	103	0.54	40.1	15.3
2193	GSH1902	4	453485	4793249	2	135	103	0.54	39.9	15.2
2193	GSH1902	5	453485	4793249	2	180	134	0.62	52.5	20.1
2193	GSH1902	6	453485	4793249	2	225	103	0.62	40.4	15.4
2193	GSH1902	7	453485	4793249	2	270	103	0.62	40.5	15.5
2193	GSH1902	8	453485	4793249	2	315	103	0.62	40.4	15.4
1034	GSH1903	1	453534	4793256	2	0	47	0.49	18.6	7.1
1034	GSH1903	2	453534	4793256	2	45	93	0.49	32.7	12.5
1034	GSH1903	3	453534	4793256	2	90	93	0.49	32.8	12.5
1034	GSH1903	4	453534	4793256	2	135	93	0.49	32.6	12.5
1034	GSH1903	5	453534	4793256	2	180	138	0.58	49.1	18.8
1034	GSH1903	6	453534	4793256	2	225	95	0.58	35.3	13.5
1034	GSH1903	7	453534	4793256	2	270	95	0.58	35.3	13.5
1034	GSH1903	8	453534	4793256	2	315	95	0.58	35.3	13.5

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1887	GSH1904	1	453574	4793256	2	0	25	0.3	5.9	2.3
1887	GSH1904	2	453574	4793256	2	45	75	0.41	21.6	8.3
1887	GSH1904	3	453574	4793256	2	90	75	0.41	21.6	8.3
1887	GSH1904	4	453574	4793256	2	135	75	0.41	21.4	8.2
1887	GSH1904	5	453574	4793256	2	180	96	0.55	35.7	13.6
1887	GSH1904	6	453574	4793256	2	225	46	0.55	20.2	7.7
1887	GSH1904	7	453574	4793256	2	270	46	0.55	20.3	7.8
1887	GSH1904	8	453574	4793256	2	315	46	0.55	20.2	7.7
1600	GSH1905	1	453498	4793195	2	0	87	0.62	34.4	13.1
1600	GSH1905	2	453498	4793195	2	45	67	0.39	18.9	7.2
1600	GSH1905	3	453498	4793195	2	90	67	0.39	18.9	7.2
1600	GSH1905	4	453498	4793195	2	135	67	0.39	18.7	7.1
1600	GSH1905	5	453498	4793195	2	180	86	0.55	27.4	10.5
1600	GSH1905	6	453498	4793195	2	225	115	0.62	43.3	16.5
1600	GSH1905	7	453498	4793195	2	270	115	0.62	43.4	16.6
1600	GSH1905	8	453498	4793195	2	315	115	0.62	43.3	16.5
2194	GSH1906	1	453515	4793201	2	0	76	0.6	29.6	11.3
2194	GSH1906	2	453515	4793201	2	45	59	0.39	16	6.1
2194	GSH1906	3	453515	4793201	2	90	59	0.39	16.1	6.2
2194	GSH1906	4	453515	4793201	2	135	59	0.39	15.9	6.1
2194	GSH1906	5	453515	4793201	2	180	87	0.5	27.3	10.4
2194	GSH1906	6	453515	4793201	2	225	110	0.6	40.9	15.6
2194	GSH1906	7	453515	4793201	2	270	110	0.6	41.1	15.7
2194	GSH1906	8	453515	4793201	2	315	110	0.6	41	15.7
194	GSH1907	1	453556	4793195	2	0	53	0.57	22.6	8.6
194	GSH1907	2	453556	4793195	2	45	40	0.4	12.8	4.9
194	GSH1907	3	453556	4793195	2	90	41	0.41	12.9	4.9
194	GSH1907	4	453556	4793195	2	135	40	0.41	12.9	4.9
194	GSH1907	5	453556	4793195	2	180	66	0.4	20.6	7.9
194	GSH1907	6	453556	4793195	2	225	82	0.57	30.5	11.7
194	GSH1907	7	453556	4793195	2	270	82	0.57	30.5	11.7
194	GSH1907	8	453556	4793195	2	315	82	0.57	30.4	11.6
1601	GSH1908	1	453525	4793134	2	0	95	0.58	35.5	13.6
1601	GSH1908	2	453525	4793134	2	45	36	0.4	11.1	4.2
1601	GSH1908	3	453525	4793134	2	90	36	0.4	11.2	4.3
1601	GSH1908	4	453525	4793134	2	135	36	0.4	11.2	4.3
1601	GSH1908	5	453525	4793134	2	180	55	0.53	19.1	7.3
1601	GSH1908	6	453525	4793134	2	225	125	0.58	43.6	16.7
1601	GSH1908	7	453525	4793134	2	270	126	0.58	43.9	16.8
1601	GSH1908	8	453525	4793134	2	315	125	0.58	43.8	16.7
462	GSH1909	1	453630	4792937	2	0	54	0.5	22	8.4
462	GSH1909	2	453630	4792937	2	45	34	0.44	11.8	4.5
462	GSH1909	3	453630	4792937	2	90	34	0.44	11.9	4.5
462	GSH1909	4	453630	4792937	2	135	35	0.44	11.9	4.5
462	GSH1909	5	453630	4792937	2	180	52	0.58	18.8	7.2
462	GSH1909	6	453630	4792937	2	225	80	0.5	29.1	11.1
462	GSH1909	7	453630	4792937	2	270	80	0.5	29.2	11.2
462	GSH1909	8	453630	4792937	2	315	80	0.5	29.2	11.2
195	GSH1910	2	453603	4792877	2	45	33	0.43	11.1	4.2
195	GSH1910	3	453603	4792877	2	90	33	0.43	11.1	4.2
195	GSH1910	4	453603	4792877	2	135	33	0.43	11.1	4.2
195	GSH1910	5	453603	4792877	2	180	47	0.65	18.5	7.1
195	GSH1910	6	453603	4792877	2	225	27	0.35	7.5	2.9
195	GSH1910	7	453603	4792877	2	270	27	0.35	7.5	2.9
195	GSH1910	8	453603	4792877	2	315	27	0.35	7.5	2.9
463	GSH1911	1	453737	4792690	2	0	37	0.48	14.1	5.4
463	GSH1911	2	453737	4792690	2	45	37	0.48	14.2	5.4
463	GSH1911	3	453737	4792690	2	90	37	0.48	14.3	5.5
463	GSH1911	4	453737	4792690	2	135	37	0.48	14.2	5.4
1888	GSH1912	1	453467	4792423	2	0	65	0.53	21.5	8.2
1888	GSH1912	2	453467	4792423	2	45	32	0.37	9	3.4
1888	GSH1912	3	453467	4792423	2	90	32	0.37	9	3.4
1888	GSH1912	4	453467	4792423	2	135	32	0.36	9	3.4
1888	GSH1912	6	453467	4792423	2	225	41	0.42	12.5	4.8
1888	GSH1912	7	453467	4792423	2	270	41	0.42	12.5	4.8
1888	GSH1912	8	453467	4792423	2	315	41	0.42	12.5	4.8
2195	GSH1913	1	453503	4792382	2	0	64	0.59	23.1	8.8
2195	GSH1913	2	453503	4792382	2	45	34	0.37	9.8	3.7
2195	GSH1913	3	453503	4792382	2	90	34	0.37	9.8	3.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2195	GSH1913	4	453503	4792382	2	135	34	0.37	9.8	3.7
2195	GSH1913	6	453503	4792382	2	225	42	0.4	13.4	5.1
2195	GSH1913	7	453503	4792382	2	270	42	0.4	13.4	5.1
2195	GSH1913	8	453503	4792382	2	315	42	0.4	13.5	5.2
1346	GSH1914	1	453550	4792409	2	0	52	0.71	21.4	8.2
1346	GSH1914	2	453550	4792409	2	45	34	0.39	10.6	4.0
1346	GSH1914	3	453550	4792409	2	90	34	0.39	10.6	4.0
1346	GSH1914	4	453550	4792409	2	135	34	0.39	10.6	4.0
1346	GSH1914	6	453550	4792409	2	225	38	0.39	10.8	4.1
1346	GSH1914	7	453550	4792409	2	270	38	0.39	10.8	4.1
1346	GSH1914	8	453550	4792409	2	315	38	0.39	10.8	4.1
1036	GSH1924	5	453908	4791640	2	180	44	0.51	16.9	6.5
1036	GSH1924	6	453908	4791640	2	225	44	0.51	17	6.5
1036	GSH1924	7	453908	4791640	2	270	44	0.51	17	6.5
1036	GSH1924	8	453908	4791640	2	315	44	0.51	16.9	6.5
746	GSH1925	5	453958	4791599	2	180	39	0.49	15	5.7
746	GSH1925	6	453958	4791599	2	225	39	0.49	15.1	5.8
746	GSH1925	7	453958	4791599	2	270	39	0.49	15.1	5.8
746	GSH1925	8	453958	4791599	2	315	39	0.49	15	5.7
1604	GSH1926	5	453991	4791632	2	180	37	0.47	13.9	5.3
1604	GSH1926	6	453991	4791632	2	225	38	0.47	13.9	5.3
1604	GSH1926	7	453991	4791632	2	270	38	0.47	14	5.3
1604	GSH1926	8	453991	4791632	2	315	37	0.47	13.9	5.3
1348	GSH1927	5	454075	4791250	2	180	40	0.47	14.5	5.5
1348	GSH1927	6	454075	4791250	2	225	40	0.47	14.6	5.6
1348	GSH1927	7	454075	4791250	2	270	40	0.47	14.7	5.6
1348	GSH1927	8	454075	4791250	2	315	40	0.47	14.6	5.6
747	GSH1928	5	454097	4791284	2	180	38	0.46	13.4	5.1
747	GSH1928	6	454097	4791284	2	225	38	0.46	13.5	5.2
747	GSH1928	7	454097	4791284	2	270	38	0.46	13.6	5.2
747	GSH1928	8	454097	4791284	2	315	38	0.46	13.5	5.2
1349	GSH1929	5	454030	4791272	2	180	41	0.49	15.6	6.0
1349	GSH1929	6	454030	4791272	2	225	42	0.49	15.7	6.0
1349	GSH1929	7	454030	4791272	2	270	42	0.49	15.8	6.0
1349	GSH1929	8	454030	4791272	2	315	42	0.49	15.7	6.0
1037	GSH1930	1	454150	4791040	2	0	52	0.45	17.5	6.7
1037	GSH1930	6	454150	4791040	2	225	52	0.45	17.6	6.7
1037	GSH1930	7	454150	4791040	2	270	52	0.45	17.7	6.8
1037	GSH1930	8	454150	4791040	2	315	52	0.45	17.8	6.8
1038	GSH1931	1	454185	4791029	2	0	50	0.43	16.7	6.4
1038	GSH1931	6	454185	4791029	2	225	49	0.43	16.7	6.4
1038	GSH1931	7	454185	4791029	2	270	49	0.43	16.8	6.4
1038	GSH1931	8	454185	4791029	2	315	49	0.43	16.8	6.4
464	GSH1932	1	454200	4790995	2	0	55	0.45	18	6.9
464	GSH1932	6	454200	4790995	2	225	55	0.48	18.1	6.9
464	GSH1932	7	454200	4790995	2	270	55	0.45	18.3	7.0
464	GSH1932	8	454200	4790995	2	315	55	0.48	18.2	7.0
1891	GSH1933	1	454141	4791000	2	0	64	0.48	21.9	8.4
1891	GSH1933	6	454141	4791000	2	225	64	0.51	22.1	8.4
1891	GSH1933	7	454141	4791000	2	270	64	0.51	22.2	8.5
1891	GSH1933	8	454141	4791000	2	315	64	0.51	22.2	8.5
1315	GSH2015	1	455690	4792400	2	0	48	0.38	14.9	5.7
1315	GSH2015	6	455690	4792400	2	225	48	0.38	14.9	5.7
1315	GSH2015	7	455690	4792400	2	270	48	0.38	15	5.7
1315	GSH2015	8	455690	4792400	2	315	48	0.38	15	5.7
1565	GSH2017	1	455739	4792365	2	0	42	0.34	11.6	4.4
1565	GSH2017	6	455739	4792365	2	225	42	0.34	11.6	4.4
1565	GSH2017	7	455739	4792365	2	270	42	0.34	11.7	4.5
1565	GSH2017	8	455739	4792365	2	315	42	0.34	11.7	4.5
999	GSH2019	1	455583	4792676	2	0	43	0.43	13.8	5.3
999	GSH2019	6	455583	4792676	2	225	43	0.43	13.9	5.3
999	GSH2019	7	455583	4792676	2	270	43	0.43	13.9	5.3
999	GSH2019	8	455583	4792676	2	315	43	0.43	13.9	5.3
2155	GSH2020	1	455605	4792718	2	0	40	0.42	12.2	4.7
2155	GSH2020	6	455605	4792718	2	225	41	0.42	12.3	4.7
2155	GSH2020	7	455605	4792718	2	270	41	0.42	12.4	4.7
2155	GSH2020	8	455605	4792718	2	315	41	0.42	12.4	4.7
1857	GSH2021	1	455647	4792690	2	0	39	0.41	11.6	4.4
1857	GSH2021	6	455647	4792690	2	225	39	0.41	11.7	4.5

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1857	GSH2021	7	455647	4792690	2	270	39	0.41	11.7	4.5
1857	GSH2021	8	455647	4792690	2	315	39	0.41	11.6	4.4
1317	GSH2022	1	455810	4792813	2	0	30	0.35	8.2	3.1
1317	GSH2022	6	455810	4792813	2	225	30	0.35	8.2	3.1
1317	GSH2022	7	455810	4792813	2	270	30	0.35	8.2	3.1
1317	GSH2022	8	455810	4792813	2	315	30	0.35	8.2	3.1
1000	GSH2023	1	455844	4792787	2	0	30	0.35	7.9	3.0
1000	GSH2023	6	455844	4792787	2	225	30	0.35	8	3.1
1000	GSH2023	7	455844	4792787	2	270	30	0.35	8	3.1
1000	GSH2023	8	455844	4792787	2	315	30	0.35	8	3.1
1001	GSH2024	1	455876	4792780	2	0	28	0.34	7.6	2.9
1001	GSH2024	6	455876	4792780	2	225	28	0.34	7.6	2.9
1001	GSH2024	7	455876	4792780	2	270	28	0.34	7.6	2.9
1001	GSH2024	8	455876	4792780	2	315	28	0.34	7.6	2.9
1566	GSH2025	1	455776	4792809	2	0	31	0.36	8.7	3.3
1566	GSH2025	6	455776	4792809	2	225	31	0.36	8.7	3.3
1566	GSH2025	7	455776	4792809	2	270	31	0.36	8.7	3.3
1566	GSH2025	8	455776	4792809	2	315	31	0.36	8.7	3.3
1567	GSH2026	1	455581	4793152	2	0	103	0.71	62.7	24.0
1567	GSH2026	5	455581	4793152	2	180	32	0.4	9.9	3.8
1567	GSH2026	6	455581	4793152	2	225	135	0.7	72.6	27.7
1567	GSH2026	7	455581	4793152	2	270	135	0.71	72.9	27.8
1567	GSH2026	8	455581	4793152	2	315	135	0.71	72.8	27.8
1002	GSH2027	1	455553	4793135	2	0	91	0.75	59.3	22.7
1002	GSH2027	5	455553	4793135	2	180	32	0.41	10.4	4.0
1002	GSH2027	6	455553	4793135	2	225	124	0.75	69.8	26.7
1002	GSH2027	7	455553	4793135	2	270	124	0.75	69.9	26.7
1002	GSH2027	8	455553	4793135	2	315	123	0.75	69.9	26.7
1568	GSH2028	1	455615	4793122	2	0	93	0.66	54.3	20.7
1568	GSH2028	5	455615	4793122	2	180	31	0.39	9.4	3.6
1568	GSH2028	6	455615	4793122	2	225	124	0.66	63.9	24.4
1568	GSH2028	7	455615	4793122	2	270	124	0.66	64	24.4
1568	GSH2028	8	455615	4793122	2	315	124	0.66	63.9	24.4
1318	GSH2029	1	455702	4793223	2	0	59	0.63	28	10.7
1318	GSH2029	5	455702	4793223	2	180	28	0.36	8	3.1
1318	GSH2029	6	455702	4793223	2	225	87	0.63	36	13.8
1318	GSH2029	7	455702	4793223	2	270	88	0.63	36.1	13.8
1318	GSH2029	8	455702	4793223	2	315	87	0.63	36	13.8
1003	GSH2030	1	455747	4793221	2	0	54	0.59	24.2	9.2
1003	GSH2030	5	455747	4793221	2	180	27	0.35	7.5	2.9
1003	GSH2030	6	455747	4793221	2	225	81	0.59	31.8	12.1
1003	GSH2030	7	455747	4793221	2	270	83	0.59	32	12.2
1003	GSH2030	8	455747	4793221	2	315	81	0.59	31.8	12.1
1004	GSH2031	5	455614	4793353	2	180	87	0.69	39.1	14.9
1004	GSH2031	6	455614	4793353	2	225	88	0.69	39.4	15.1
1004	GSH2031	7	455614	4793353	2	270	88	0.7	39.5	15.1
1004	GSH2031	8	455614	4793353	2	315	88	0.7	39.3	15.0
1319	GSH2032	5	455625	4793377	2	180	83	0.68	37.1	14.2
1319	GSH2032	6	455625	4793377	2	225	83	0.68	37.3	14.2
1319	GSH2032	7	455625	4793377	2	270	83	0.68	37.3	14.2
1319	GSH2032	8	455625	4793377	2	315	83	0.68	37.2	14.2
1320	GSH2033	5	455631	4793436	2	180	81	0.66	34.9	13.3
1320	GSH2033	6	455631	4793436	2	225	82	0.66	35.1	13.4
1320	GSH2033	7	455631	4793436	2	270	81	0.66	35.1	13.4
1320	GSH2033	8	455631	4793436	2	315	81	0.66	35	13.4
1321	GSH2034	5	455618	4793828	2	180	86	0.54	36	13.8
1321	GSH2034	6	455618	4793828	2	225	86	0.54	36.1	13.8
1321	GSH2034	7	455618	4793828	2	270	86	0.54	36.1	13.8
1321	GSH2034	8	455618	4793828	2	315	86	0.54	35.9	13.7
1858	GSH2035	5	455654	4793823	2	180	76	0.53	30	11.5
1858	GSH2035	6	455654	4793823	2	225	76	0.53	30.1	11.5
1858	GSH2035	7	455654	4793823	2	270	76	0.53	30	11.5
1858	GSH2035	8	455654	4793823	2	315	75	0.53	29.8	11.4
170	GSH2036	5	455655	4793794	2	180	64	0.54	26.4	10.1
170	GSH2036	6	455655	4793794	2	225	64	0.54	26.5	10.1
170	GSH2036	7	455655	4793794	2	270	64	0.54	26.5	10.1
170	GSH2036	8	455655	4793794	2	315	64	0.54	26.3	10.0
1322	GSH2037	5	455626	4793788	2	180	73	0.55	30.5	11.7
1322	GSH2037	6	455626	4793788	2	225	74	0.55	30.7	11.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1322	GSH2037	7	455626	4793788	2	270	74	0.55	30.6	11.7
1322	GSH2037	8	455626	4793788	2	315	73	0.55	30.4	11.6
1569	GSH2038	5	455628	4793766	2	180	65	0.56	27.9	10.7
1569	GSH2038	6	455628	4793766	2	225	65	0.56	28	10.7
1569	GSH2038	7	455628	4793766	2	270	65	0.56	28	10.7
1569	GSH2038	8	455628	4793766	2	315	65	0.56	27.8	10.6
1323	GSH2039	5	455631	4793746	2	180	61	0.56	26.4	10.1
1323	GSH2039	6	455631	4793746	2	225	61	0.56	26.5	10.1
1323	GSH2039	7	455631	4793746	2	270	61	0.56	26.4	10.1
1323	GSH2039	8	455631	4793746	2	315	60	0.56	26.3	10.0
1324	GSH2040	5	455653	4793750	2	180	58	0.55	24.3	9.3
1324	GSH2040	6	455653	4793750	2	225	58	0.55	24.4	9.3
1324	GSH2040	7	455653	4793750	2	270	58	0.55	24.4	9.3
1324	GSH2040	8	455653	4793750	2	315	58	0.55	24.2	9.2
1892	GSH2041	5	455558	4793725	2	180	76	0.62	34.8	13.3
1892	GSH2041	6	455558	4793725	2	225	76	0.62	34.9	13.3
1892	GSH2041	7	455558	4793725	2	270	76	0.62	34.8	13.3
1892	GSH2041	8	455558	4793725	2	315	76	0.62	34.6	13.2
201	GSH2042	5	455535	4793712	2	180	105	0.64	46.6	17.8
201	GSH2042	6	455535	4793712	2	225	106	0.64	46.8	17.9
201	GSH2042	7	455535	4793712	2	270	106	0.64	46.7	17.8
201	GSH2042	8	455535	4793712	2	315	105	0.64	46.4	17.7
1354	GSH2043	5	455557	4793688	2	180	95	0.64	40.3	15.4
1354	GSH2043	6	455557	4793688	2	225	95	0.64	40.5	15.5
1354	GSH2043	7	455557	4793688	2	270	95	0.64	40.4	15.4
1354	GSH2043	8	455557	4793688	2	315	94	0.64	40.2	15.4
467	GSH2044	5	455576	4793695	2	180	64	0.62	30.5	11.7
467	GSH2044	6	455576	4793695	2	225	64	0.62	30.6	11.7
467	GSH2044	7	455576	4793695	2	270	64	0.62	30.6	11.7
467	GSH2044	8	455576	4793695	2	315	63	0.62	30.4	11.6
1355	GSH2045	5	455548	4793625	2	180	92	0.67	41.5	15.9
1355	GSH2045	6	455548	4793625	2	225	92	0.67	41.6	15.9
1355	GSH2045	7	455548	4793625	2	270	92	0.67	41.6	15.9
1355	GSH2045	8	455548	4793625	2	315	92	0.67	41.4	15.8
1893	GSH2046	5	455582	4793651	2	180	88	0.63	37.5	14.3
1893	GSH2046	6	455582	4793651	2	225	88	0.63	37.7	14.4
1893	GSH2046	7	455582	4793651	2	270	88	0.63	37.6	14.4
1893	GSH2046	8	455582	4793651	2	315	88	0.63	37.5	14.3
1607	GSH2047	5	455583	4793589	2	180	91	0.65	38.7	14.8
1607	GSH2047	6	455583	4793589	2	225	91	0.65	38.8	14.8
1607	GSH2047	7	455583	4793589	2	270	91	0.65	38.8	14.8
1607	GSH2047	8	455583	4793589	2	315	91	0.65	38.6	14.7
1608	GSH2048	5	455748	4793534	2	180	43	0.54	18	6.9
1608	GSH2048	6	455748	4793534	2	225	43	0.54	18.1	6.9
1608	GSH2048	7	455748	4793534	2	270	43	0.54	18.1	6.9
1608	GSH2048	8	455748	4793534	2	315	43	0.54	18	6.9
468	GSH2049	5	455775	4793566	2	180	41	0.52	16.6	6.3
468	GSH2049	6	455775	4793566	2	225	41	0.52	16.7	6.4
468	GSH2049	7	455775	4793566	2	270	41	0.52	16.7	6.4
468	GSH2049	8	455775	4793566	2	315	41	0.52	16.6	6.3
469	GSH2050	5	455731	4793564	2	180	43	0.55	18.5	7.1
469	GSH2050	6	455731	4793564	2	225	43	0.55	18.6	7.1
469	GSH2050	7	455731	4793564	2	270	43	0.55	18.6	7.1
469	GSH2050	8	455731	4793564	2	315	43	0.55	18.5	7.1
1894	GSH2051	5	455528	4793739	2	180	96	0.62	45.2	17.3
1894	GSH2051	6	455528	4793739	2	225	96	0.62	45.3	17.3
1894	GSH2051	7	455528	4793739	2	270	96	0.62	45.2	17.3
1894	GSH2051	8	455528	4793739	2	315	96	0.62	44.9	17.2
202	GSH2052	5	455521	4793673	2	180	106	0.67	45.7	17.5
202	GSH2052	6	455521	4793673	2	225	107	0.67	45.9	17.5
202	GSH2052	7	455521	4793673	2	270	107	0.67	45.8	17.5
202	GSH2052	8	455521	4793673	2	315	104	0.67	45.3	17.3
1895	GSH2054	1	455538	4794770	2	0	79	0.53	37.1	14.2
1895	GSH2054	6	455538	4794770	2	225	79	0.53	37.1	14.2
1895	GSH2054	7	455538	4794770	2	270	79	0.53	37.2	14.2
1895	GSH2054	8	455538	4794770	2	315	79	0.53	37.2	14.2
748	GSH2055	1	455566	4794774	2	0	83	0.52	37	14.1
748	GSH2055	6	455566	4794774	2	225	83	0.51	37	14.1
748	GSH2055	7	455566	4794774	2	270	83	0.51	37.1	14.2

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
748	GSH2055	8	455566	4794774	2	315	83	0.51	37.1	14.2
749	GSH2056	1	455585	4794794	2	0	91	0.5	33.7	12.9
749	GSH2056	6	455585	4794794	2	225	91	0.5	33.8	12.9
749	GSH2056	7	455585	4794794	2	270	92	0.5	33.9	12.9
749	GSH2056	8	455585	4794794	2	315	92	0.5	34	13.0
1356	GSH2057	1	455664	4794780	2	0	70	0.46	24	9.2
1356	GSH2057	6	455664	4794780	2	225	70	0.48	24.1	9.2
1356	GSH2057	7	455664	4794780	2	270	70	0.48	24.3	9.3
1356	GSH2057	8	455664	4794780	2	315	70	0.48	24.2	9.2
1896	GSH2058	1	455569	4794761	2	0	79	0.51	35.7	13.6
1896	GSH2058	6	455569	4794761	2	225	79	0.51	35.7	13.6
1896	GSH2058	7	455569	4794761	2	270	79	0.51	35.8	13.7
1896	GSH2058	8	455569	4794761	2	315	79	0.51	35.8	13.7
1897	GSH2059	1	455493	4794847	2	0	82	0.51	30.9	11.8
1897	GSH2059	6	455493	4794847	2	225	82	0.52	30.9	11.8
1897	GSH2059	7	455493	4794847	2	270	82	0.52	31.1	11.9
1897	GSH2059	8	455493	4794847	2	315	82	0.52	31	11.8
2201	GSH2060	1	455536	4794893	2	0	56	0.53	21.1	8.1
2201	GSH2060	6	455536	4794893	2	225	56	0.53	21.1	8.1
2201	GSH2060	7	455536	4794893	2	270	56	0.53	21.2	8.1
2201	GSH2060	8	455536	4794893	2	315	56	0.53	21.2	8.1
2202	GSH2061	5	455547	4795139	2	180	38	0.5	15.2	5.8
2202	GSH2061	6	455547	4795139	2	225	38	0.5	15.3	5.8
2202	GSH2061	7	455547	4795139	2	270	38	0.5	15.3	5.8
2202	GSH2061	8	455547	4795139	2	315	38	0.5	15.3	5.8
1609	GSH2062	5	455556	4795177	2	180	38	0.49	14.6	5.6
1609	GSH2062	6	455556	4795177	2	225	38	0.49	14.7	5.6
1609	GSH2062	7	455556	4795177	2	270	38	0.49	14.7	5.6
1609	GSH2062	8	455556	4795177	2	315	38	0.49	14.6	5.6
1610	GSH2063	5	455531	4795215	2	180	39	0.5	15	5.7
1610	GSH2063	6	455531	4795215	2	225	39	0.5	15.1	5.8
1610	GSH2063	7	455531	4795215	2	270	39	0.5	15.2	5.8
1610	GSH2063	8	455531	4795215	2	315	39	0.5	15.1	5.8
2203	GSH2069	4	455223	4795523	2	135	84	0.57	41.4	15.8
2203	GSH2069	5	455223	4795523	2	180	84	0.57	41.5	15.9
2203	GSH2069	6	455223	4795523	2	225	84	0.56	41.6	15.9
2203	GSH2069	7	455223	4795523	2	270	84	0.57	41.5	15.9
2204	GSH2070	4	455252	4795546	2	135	83	0.55	38.5	14.7
2204	GSH2070	5	455252	4795546	2	180	84	0.55	38.7	14.8
2204	GSH2070	6	455252	4795546	2	225	84	0.55	38.9	14.9
2204	GSH2070	7	455252	4795546	2	270	84	0.55	38.8	14.8
204	GSH2071	5	455292	4795533	2	180	94	0.57	36.4	13.9
204	GSH2071	6	455292	4795533	2	225	94	0.57	36.6	14.0
204	GSH2071	7	455292	4795533	2	270	94	0.57	36.5	13.9
204	GSH2071	8	455292	4795533	2	315	94	0.57	36.2	13.8
750	GSH2072	5	455414	4795568	2	180	55	0.49	21	8.0
750	GSH2072	6	455414	4795568	2	225	55	0.49	21.1	8.1
750	GSH2072	7	455414	4795568	2	270	55	0.49	21.1	8.1
750	GSH2072	8	455414	4795568	2	315	54	0.49	20.9	8.0
751	GSH2073	5	455468	4795522	2	180	45	0.48	16.7	6.4
751	GSH2073	6	455468	4795522	2	225	45	0.48	16.8	6.4
751	GSH2073	7	455468	4795522	2	270	45	0.48	16.8	6.4
751	GSH2073	8	455468	4795522	2	315	44	0.48	16.7	6.4
470	GSH2074	5	455450	4795511	2	180	46	0.49	17.5	6.7
470	GSH2074	6	455450	4795511	2	225	46	0.49	17.6	6.7
470	GSH2074	7	455450	4795511	2	270	46	0.49	17.6	6.7
470	GSH2074	8	455450	4795511	2	315	46	0.49	17.5	6.7
471	GSH2075	5	455456	4795732	2	180	70	0.44	26.5	10.1
471	GSH2075	6	455456	4795732	2	225	70	0.44	26.5	10.1
471	GSH2075	7	455456	4795732	2	270	70	0.44	26.4	10.1
471	GSH2075	8	455456	4795732	2	315	70	0.44	26.3	10.0
1611	GSH2076	5	455480	4795749	2	180	70	0.43	26.5	10.1
1611	GSH2076	6	455480	4795749	2	225	70	0.43	26.6	10.2
1611	GSH2076	7	455480	4795749	2	270	70	0.43	26.5	10.1
1611	GSH2076	8	455480	4795749	2	315	70	0.43	26.4	10.1
1898	GSH2077	4	455482	4795778	2	135	64	0.43	22.3	8.5
1898	GSH2077	5	455482	4795778	2	180	64	0.43	22.4	8.6
1898	GSH2077	6	455482	4795778	2	225	64	0.43	22.4	8.6
1898	GSH2077	7	455482	4795778	2	270	64	0.43	22.4	8.6

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
472	GSH2078	5	455510	4795734	2	180	78	0.42	25.2	9.6
472	GSH2078	6	455510	4795734	2	225	78	0.42	25.3	9.7
472	GSH2078	7	455510	4795734	2	270	78	0.42	25.2	9.6
472	GSH2078	8	455510	4795734	2	315	78	0.42	25.1	9.6
473	GSH2079	4	455492	4795800	2	135	60	0.42	20.8	7.9
473	GSH2079	5	455492	4795800	2	180	60	0.42	20.8	7.9
473	GSH2079	6	455492	4795800	2	225	60	0.42	20.9	8.0
473	GSH2079	7	455492	4795800	2	270	60	0.42	20.8	7.9
1901	GSH2086	1	455345	4796371	2	0	37	0.35	10	3.8
1901	GSH2086	6	455345	4796371	2	225	37	0.35	10.2	3.9
1901	GSH2086	7	455345	4796371	2	270	37	0.35	10.1	3.9
1901	GSH2086	8	455345	4796371	2	315	37	0.35	10.1	3.9
1043	GSH2095	5	454929	4796717	2	180	39	0.49	14.7	5.6
1043	GSH2095	6	454929	4796717	2	225	39	0.49	14.8	5.7
1043	GSH2095	7	454929	4796717	2	270	39	0.49	14.8	5.7
1043	GSH2095	8	454929	4796717	2	315	39	0.49	14.8	5.7
474	GSH2096	5	454907	4796704	2	180	40	0.5	15.6	6.0
474	GSH2096	6	454907	4796704	2	225	40	0.5	15.7	6.0
474	GSH2096	7	454907	4796704	2	270	40	0.5	15.7	6.0
474	GSH2096	8	454907	4796704	2	315	40	0.5	15.7	6.0
1613	GSH2097	5	455276	4796786	2	180	27	0.36	7.6	2.9
1613	GSH2097	6	455276	4796786	2	225	28	0.36	7.7	2.9
1613	GSH2097	7	455276	4796786	2	270	28	0.36	7.7	2.9
1613	GSH2097	8	455276	4796786	2	315	28	0.36	7.7	2.9
206	GSH2098	5	455299	4796831	2	180	28	0.35	7.3	2.8
206	GSH2098	6	455299	4796831	2	225	28	0.35	7.3	2.8
206	GSH2098	7	455299	4796831	2	270	28	0.35	7.3	2.8
206	GSH2098	8	455299	4796831	2	315	28	0.35	7.3	2.8
1614	GSH2099	5	455320	4796815	2	180	26	0.34	7.1	2.7
1614	GSH2099	6	455320	4796815	2	225	26	0.34	7.1	2.7
1614	GSH2099	7	455320	4796815	2	270	26	0.34	7.2	2.8
1614	GSH2099	8	455320	4796815	2	315	26	0.34	7.1	2.7
1357	GSH2100	5	455350	4796789	2	180	26	0.34	6.9	2.6
1357	GSH2100	6	455350	4796789	2	225	27	0.34	6.9	2.6
1357	GSH2100	7	455350	4796789	2	270	27	0.34	6.9	2.6
1357	GSH2100	8	455350	4796789	2	315	27	0.34	6.9	2.6
2206	GSH2101	5	455008	4797133	2	180	35	0.41	11.1	4.2
2206	GSH2101	6	455008	4797133	2	225	35	0.41	11.1	4.2
2206	GSH2101	7	455008	4797133	2	270	35	0.41	11.1	4.2
2206	GSH2101	8	455008	4797133	2	315	35	0.41	11	4.2
2207	GSH2102	5	455039	4797139	2	180	34	0.39	10.4	4.0
2207	GSH2102	6	455039	4797139	2	225	34	0.39	10.5	4.0
2207	GSH2102	7	455039	4797139	2	270	34	0.4	10.4	4.0
2207	GSH2102	8	455039	4797139	2	315	34	0.4	10.4	4.0
2208	GSH2103	5	454958	4797145	2	180	36	0.42	12.2	4.7
2208	GSH2103	6	454958	4797145	2	225	36	0.42	12.3	4.7
2208	GSH2103	7	454958	4797145	2	270	36	0.42	12.3	4.7
2208	GSH2103	8	454958	4797145	2	315	36	0.42	12.2	4.7
1044	GSH2106	4	454834	4797472	2	135	35	0.33	9.3	3.6
1044	GSH2106	5	454834	4797472	2	180	35	0.33	9.4	3.6
1044	GSH2106	6	454834	4797472	2	225	35	0.33	9.5	3.6
1044	GSH2106	7	454834	4797472	2	270	35	0.33	9.4	3.6
1045	GSH2107	4	454861	4797483	2	135	39	0.35	11.2	4.3
1045	GSH2107	5	454861	4797483	2	180	39	0.35	11.3	4.3
1045	GSH2107	6	454861	4797483	2	225	39	0.35	11.3	4.3
1045	GSH2107	7	454861	4797483	2	270	39	0.35	11.3	4.3
1046	GSH2108	4	454897	4797509	2	135	41	0.35	11.8	4.5
1046	GSH2108	5	454897	4797509	2	180	41	0.35	11.8	4.5
1046	GSH2108	6	454897	4797509	2	225	41	0.35	11.9	4.5
1046	GSH2108	7	454897	4797509	2	270	41	0.35	11.9	4.5
1902	GSH2109	4	454906	4797535	2	135	35	0.32	9.1	3.5
1902	GSH2109	5	454906	4797535	2	180	36	0.32	9.2	3.5
1902	GSH2109	6	454906	4797535	2	225	36	0.32	9.2	3.5
1902	GSH2109	7	454906	4797535	2	270	36	0.32	9.2	3.5
207	GSH2110	4	454843	4797527	2	135	13	0.13	1.4	0.5
207	GSH2110	5	454843	4797527	2	180	13	0.14	1.4	0.5
207	GSH2110	6	454843	4797527	2	225	13	0.14	1.5	0.6
207	GSH2110	7	454843	4797527	2	270	13	0.14	1.4	0.5
755	GSH2123	1	454513	4798867	2	0	91	0.77	61	23.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
755	GSH2123	6	454513	4798867	2	225	91	0.77	61	23.3
755	GSH2123	7	454513	4798867	2	270	91	0.77	61.1	23.3
755	GSH2123	8	454513	4798867	2	315	91	0.77	61.1	23.3
477	GSH2124	1	454529	4798827	2	0	69	0.7	40.8	15.6
477	GSH2124	6	454529	4798827	2	225	69	0.7	40.9	15.6
477	GSH2124	7	454529	4798827	2	270	69	0.71	41.2	15.7
477	GSH2124	8	454529	4798827	2	315	69	0.7	41	15.7
756	GSH2125	1	454554	4798816	2	0	67	0.71	38.2	14.6
756	GSH2125	6	454554	4798816	2	225	67	0.71	38.3	14.6
756	GSH2125	7	454554	4798816	2	270	67	0.71	38.5	14.7
756	GSH2125	8	454554	4798816	2	315	67	0.71	38.5	14.7
1359	GSH2126	1	454274	4800297	2	0	64	0.4	23.1	8.8
1359	GSH2126	6	454274	4800297	2	225	64	0.4	23.1	8.8
1359	GSH2126	7	454274	4800297	2	270	64	0.4	23.1	8.8
1359	GSH2126	8	454274	4800297	2	315	64	0.4	23.1	8.8
209	GSH2127	1	454284	4800250	2	0	49	0.38	15.9	6.1
209	GSH2127	4	454284	4800250	2	135	17	0.23	2.9	1.1
209	GSH2127	5	454284	4800250	2	180	17	0.23	3.1	1.2
209	GSH2127	6	454284	4800250	2	225	66	0.38	19.1	7.3
209	GSH2127	7	454284	4800250	2	270	67	0.39	19.1	7.3
209	GSH2127	8	454284	4800250	2	315	50	0.39	16	6.1
478	GSH2128	1	454293	4800236	2	0	45	0.37	13.7	5.2
478	GSH2128	4	454293	4800236	2	135	34	0.44	11.6	4.4
478	GSH2128	5	454293	4800236	2	180	34	0.44	11.8	4.5
478	GSH2128	6	454293	4800236	2	225	79	0.44	25.6	9.8
478	GSH2128	7	454293	4800236	2	270	79	0.44	25.6	9.8
478	GSH2128	8	454293	4800236	2	315	45	0.37	13.8	5.3
210	GSH2129	1	454384	4800243	2	0	60	0.37	19.6	7.5
210	GSH2129	4	454384	4800243	2	135	62	0.57	29.9	11.4
210	GSH2129	5	454384	4800243	2	180	62	0.57	30.1	11.5
210	GSH2129	6	454384	4800243	2	225	122	0.57	49.8	19.0
210	GSH2129	7	454384	4800243	2	270	122	0.57	49.8	19.0
210	GSH2129	8	454384	4800243	2	315	60	0.37	19.7	7.5
211	GSH2130	1	454387	4800254	2	0	63	0.37	20.8	7.9
211	GSH2130	4	454387	4800254	2	135	58	0.55	27.2	10.4
211	GSH2130	5	454387	4800254	2	180	59	0.55	27.3	10.4
211	GSH2130	6	454387	4800254	2	225	123	0.55	48.2	18.4
211	GSH2130	7	454387	4800254	2	270	123	0.55	48.3	18.5
211	GSH2130	8	454387	4800254	2	315	64	0.37	20.9	8.0
1618	GSH2131	5	454456	4800122	2	180	68	0.65	34.5	13.2
1618	GSH2131	6	454456	4800122	2	225	68	0.65	34.7	13.3
1618	GSH2131	7	454456	4800122	2	270	68	0.65	34.6	13.2
1618	GSH2131	8	454456	4800122	2	315	68	0.65	34.5	13.2
1904	GSH2132	5	454468	4800100	2	180	64	0.65	31.8	12.1
1904	GSH2132	6	454468	4800100	2	225	64	0.65	31.9	12.2
1904	GSH2132	7	454468	4800100	2	270	64	0.65	31.9	12.2
1904	GSH2132	8	454468	4800100	2	315	64	0.65	31.7	12.1
1905	GSH2216	1	441306	4791258	2	0	92	0.61	48.6	18.6
1905	GSH2216	2	441306	4791258	2	45	175	0.61	76.6	29.3
1905	GSH2216	3	441306	4791258	2	90	176	0.61	76.9	29.4
1905	GSH2216	4	441306	4791258	2	135	175	0.61	76.6	29.3
1905	GSH2216	5	441306	4791258	2	180	83	0.48	27.9	10.7
1049	GSH2217	1	441441	4791275	2	0	59	0.67	31.8	12.1
1049	GSH2217	2	441441	4791275	2	45	128	0.67	63	24.1
1049	GSH2217	3	441441	4791275	2	90	128	0.67	63.1	24.1
1049	GSH2217	4	441441	4791275	2	135	127	0.67	62.9	24.0
1049	GSH2217	5	441441	4791275	2	180	69	0.5	31.1	11.9
1050	GSH2218	1	441461	4791281	2	0	53	0.64	27.1	10.4
1050	GSH2218	2	441461	4791281	2	45	118	0.64	56.5	21.6
1050	GSH2218	3	441461	4791281	2	90	118	0.64	56.6	21.6
1050	GSH2218	4	441461	4791281	2	135	118	0.64	56.4	21.5
1050	GSH2218	5	441461	4791281	2	180	65	0.5	29.3	11.2
479	GSH2219	1	441421	4791275	2	0	67	0.7	38.4	14.7
479	GSH2219	2	441421	4791275	2	45	139	0.7	70	26.7
479	GSH2219	3	441421	4791275	2	90	138	0.7	70.1	26.8
479	GSH2219	4	441421	4791275	2	135	137	0.7	69.8	26.7
479	GSH2219	5	441421	4791275	2	180	72	0.49	31.5	12.0
1360	GSH2220	1	445750	4791733	2	0	27	0.34	7.2	2.8
1360	GSH2220	2	445750	4791733	2	45	79	0.74	41.3	15.8

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1360	GSH2220	3	445750	4791733	2	90	79	0.74	41.5	15.9
1360	GSH2220	4	445750	4791733	2	135	79	0.74	41.5	15.9
1360	GSH2220	5	445750	4791733	2	180	59	0.74	34.1	13.0
1051	GSH2221	1	445753	4791713	2	0	26	0.34	7.1	2.7
1051	GSH2221	2	445753	4791713	2	45	74	0.75	41.3	15.8
1051	GSH2221	3	445753	4791713	2	90	74	0.75	41.5	15.9
1051	GSH2221	4	445753	4791713	2	135	74	0.75	41.4	15.8
1051	GSH2221	5	445753	4791713	2	180	59	0.74	34.2	13.1
1620	GSH2222	1	445755	4791697	2	0	26	0.35	7.2	2.8
1620	GSH2222	2	445755	4791697	2	45	71	0.82	41.5	15.9
1620	GSH2222	3	445755	4791697	2	90	71	0.82	41.7	15.9
1620	GSH2222	4	445755	4791697	2	135	71	0.82	41.6	15.9
1620	GSH2222	5	445755	4791697	2	180	59	0.75	34.3	13.1
212	GSH2223	1	445784	4791749	2	0	27	0.35	7.5	2.9
212	GSH2223	2	445784	4791749	2	45	87	0.78	46.5	17.8
212	GSH2223	3	445784	4791749	2	90	87	0.79	46.7	17.8
212	GSH2223	4	445784	4791749	2	135	87	0.79	46.7	17.8
212	GSH2223	5	445784	4791749	2	180	63	0.78	38.9	14.9
480	GSH2224	1	445754	4791749	2	0	26	0.35	7.2	2.8
480	GSH2224	2	445754	4791749	2	45	84	0.74	42.2	16.1
480	GSH2224	3	445754	4791749	2	90	84	0.75	42.4	16.2
480	GSH2224	4	445754	4791749	2	135	84	0.75	42.4	16.2
480	GSH2224	5	445754	4791749	2	180	61	0.74	35.1	13.4
757	GSH2225	1	445640	4791758	2	0	47	0.52	19.5	7.4
757	GSH2225	2	445640	4791758	2	45	97	0.62	44.1	16.8
757	GSH2225	3	445640	4791758	2	90	97	0.63	44.2	16.9
757	GSH2225	4	445640	4791758	2	135	97	0.63	44	16.8
757	GSH2225	5	445640	4791758	2	180	50	0.62	24.5	9.4
481	GSH2227	1	454394	4800259	2	0	66	0.37	21.3	8.1
481	GSH2227	4	454394	4800259	2	135	59	0.54	27	10.3
481	GSH2227	5	454394	4800259	2	180	59	0.54	27.1	10.4
481	GSH2227	6	454394	4800259	2	225	125	0.54	48.6	18.6
481	GSH2227	7	454394	4800259	2	270	125	0.55	48.6	18.6
481	GSH2227	8	454394	4800259	2	315	66	0.37	21.4	8.2
214	GSH2237	5	446154	4796941	2	180	79	0.49	31.3	12.0
214	GSH2237	6	446154	4796941	2	225	80	0.49	31.4	12.0
214	GSH2237	7	446154	4796941	2	270	80	0.49	31.3	12.0
214	GSH2237	8	446154	4796941	2	315	79	0.49	31.1	11.9
2211	GSH2238	4	446156	4796971	2	135	72	0.47	27.9	10.7
2211	GSH2238	5	446156	4796971	2	180	72	0.47	28	10.7
2211	GSH2238	6	446156	4796971	2	225	72	0.47	28.1	10.7
2211	GSH2238	7	446156	4796971	2	270	72	0.47	28	10.7
215	GSH2239	4	446175	4796983	2	135	72	0.47	27.3	10.4
215	GSH2239	5	446175	4796983	2	180	72	0.47	27.4	10.5
215	GSH2239	6	446175	4796983	2	225	72	0.47	27.5	10.5
215	GSH2239	7	446175	4796983	2	270	72	0.47	27.4	10.5
216	GSH2240	5	453621	4797962	2	180	26	0.34	7.1	2.7
216	GSH2240	6	453621	4797962	2	225	26	0.34	7.2	2.8
216	GSH2240	7	453621	4797962	2	270	26	0.34	7.2	2.8
216	GSH2240	8	453621	4797962	2	315	26	0.34	7.2	2.8
1621	GSH2242	5	450081	4801634	2	180	29	0.36	8.1	3.1
1621	GSH2242	6	450081	4801634	2	225	29	0.36	8.2	3.1
1621	GSH2242	7	450081	4801634	2	270	29	0.36	8.2	3.1
1621	GSH2242	8	450081	4801634	2	315	29	0.36	8.2	3.1
217	GSH2243	5	450055	4801625	2	180	30	0.36	8.5	3.2
217	GSH2243	6	450055	4801625	2	225	30	0.36	8.6	3.3
217	GSH2243	7	450055	4801625	2	270	30	0.36	8.6	3.3
217	GSH2243	8	450055	4801625	2	315	30	0.37	8.6	3.3
1906	GSH2244	5	450076	4801634	2	180	29	0.36	8.2	3.1
1906	GSH2244	6	450076	4801634	2	225	29	0.36	8.2	3.1
1906	GSH2244	7	450076	4801634	2	270	29	0.36	8.2	3.1
1906	GSH2244	8	450076	4801634	2	315	29	0.36	8.2	3.1
1362	GSH2245	1	450067	4801592	2	0	30	0.36	8.5	3.2
1362	GSH2245	6	450067	4801592	2	225	30	0.36	8.6	3.3
1362	GSH2245	7	450067	4801592	2	270	30	0.36	8.6	3.3
1362	GSH2245	8	450067	4801592	2	315	30	0.36	8.6	3.3
759	GSH2246	5	449945	4801636	2	180	32	0.4	10.1	3.9
759	GSH2246	6	449945	4801636	2	225	32	0.4	10.2	3.9
759	GSH2246	7	449945	4801636	2	270	33	0.4	10.2	3.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
759	GSH2246	8	449945	4801636	2	315	32	0.4	10.2	3.9
761	GSH2255	1	452015	4804534	2	0	62	0.59	26.6	10.2
761	GSH2255	5	452015	4804534	2	180	76	0.41	23.3	8.9
761	GSH2255	6	452015	4804534	2	225	138	0.59	50.1	19.1
761	GSH2255	7	452015	4804534	2	270	138	0.59	50.2	19.2
761	GSH2255	8	452015	4804534	2	315	138	0.59	50	19.1
1623	GSH2256	1	451980	4804591	2	0	57	0.41	26.8	10.2
1623	GSH2256	4	451980	4804591	2	135	58	0.41	20.3	7.8
1623	GSH2256	5	451980	4804591	2	180	58	0.41	20.3	7.8
1623	GSH2256	6	451980	4804591	2	225	114	0.61	47.2	18.0
1623	GSH2256	7	451980	4804591	2	270	114	0.61	47.2	18.0
1623	GSH2256	8	451980	4804591	2	315	56	0.61	26.9	10.3
2212	GSH2257	4	451967	4804617	2	135	49	0.4	16.5	6.3
2212	GSH2257	5	451967	4804617	2	180	103	0.62	42.8	16.3
2212	GSH2257	6	451967	4804617	2	225	103	0.62	43	16.4
2212	GSH2257	7	451967	4804617	2	270	103	0.62	43	16.4
2212	GSH2257	8	451967	4804617	2	315	54	0.62	26.4	10.1
483	GSH2274	1	449803	4791299	2	0	103	0.47	40.1	15.3
483	GSH2274	2	449803	4791299	2	45	33	0.42	10.9	4.2
483	GSH2274	3	449803	4791299	2	90	33	0.42	10.9	4.2
483	GSH2274	4	449803	4791299	2	135	33	0.42	10.9	4.2
483	GSH2274	5	449803	4791299	2	180	43	0.44	14.4	5.5
483	GSH2274	6	449803	4791299	2	225	113	0.47	43.8	16.7
483	GSH2274	7	449803	4791299	2	270	113	0.47	43.8	16.7
483	GSH2274	8	449803	4791299	2	315	112	0.47	43.7	16.7
1908	GSH2281	2	437209	4790648	2	45	99	0.45	30.9	11.8
1908	GSH2281	3	437209	4790648	2	90	100	0.45	31.2	11.9
1908	GSH2281	4	437209	4790648	2	135	100	0.45	31.2	11.9
1908	GSH2281	5	437209	4790648	2	180	99	0.45	30.9	11.8
220	GSH2282	1	437065	4790195	2	0	31	0.4	9.6	3.7
220	GSH2282	2	437065	4790195	2	45	31	0.4	9.6	3.7
220	GSH2282	3	437065	4790195	2	90	31	0.4	9.7	3.7
220	GSH2282	4	437065	4790195	2	135	31	0.4	9.6	3.7
763	GSH2283	1	436707	4789037	2	0	40	0.52	16.1	6.2
763	GSH2283	2	436707	4789037	2	45	40	0.52	16.2	6.2
763	GSH2283	3	436707	4789037	2	90	40	0.52	16.2	6.2
763	GSH2283	4	436707	4789037	2	135	40	0.52	16.2	6.2
1054	GSH2284	1	436332	4787693	2	0	51	0.38	16.2	6.2
1054	GSH2284	2	436332	4787693	2	45	51	0.38	16.3	6.2
1054	GSH2284	3	436332	4787693	2	90	51	0.38	16.2	6.2
1054	GSH2284	4	436332	4787693	2	135	51	0.38	16.2	6.2
1273	GSH2303	5	454798	4799714	2	180	114	0.5	38.2	14.6
1273	GSH2303	6	454798	4799714	2	225	115	0.5	38.4	14.7
1273	GSH2303	7	454798	4799714	2	270	115	0.5	38.4	14.7
1273	GSH2303	8	454798	4799714	2	315	114	0.5	38.2	14.6
1274	GSH2304	5	454765	4799727	2	180	115	0.51	43.9	16.8
1274	GSH2304	6	454765	4799727	2	225	115	0.51	44	16.8
1274	GSH2304	7	454765	4799727	2	270	115	0.51	44	16.8
1274	GSH2304	8	454765	4799727	2	315	115	0.51	43.9	16.8
2124	GSH2305	5	454802	4799768	2	180	108	0.49	39.8	15.2
2124	GSH2305	6	454802	4799768	2	225	109	0.49	39.9	15.2
2124	GSH2305	7	454802	4799768	2	270	109	0.49	40	15.3
2124	GSH2305	8	454802	4799768	2	315	109	0.49	39.8	15.2
972	GSH2323	1	445115	4794518	2	0	67	0.37	18.7	7.1
972	GSH2323	2	445115	4794518	2	45	144	0.51	51.5	19.7
972	GSH2323	3	445115	4794518	2	90	144	0.51	51.7	19.7
972	GSH2323	4	445115	4794518	2	135	144	0.51	51.7	19.7
972	GSH2323	5	445115	4794518	2	180	104	0.8	51.2	19.6
972	GSH2323	6	445115	4794518	2	225	51	0.47	18.5	7.1
972	GSH2323	7	445115	4794518	2	270	51	0.47	18.4	7.0
972	GSH2323	8	445115	4794518	2	315	51	0.47	18.3	7.0
974	GSH2334	2	448073	4804904	2	45	75	0.6	33.3	12.7
974	GSH2334	3	448073	4804904	2	90	77	0.6	33.4	12.8
974	GSH2334	4	448073	4804904	2	135	77	0.6	33.5	12.8
974	GSH2334	5	448073	4804904	2	180	75	0.6	33.3	12.7
1055	GSH2335	2	448073	4804940	2	45	91	0.58	40.4	15.4
1055	GSH2335	3	448073	4804940	2	90	91	0.58	40.6	15.5
1055	GSH2335	4	448073	4804940	2	135	91	0.58	40.6	15.5
1055	GSH2335	5	448073	4804940	2	180	91	0.58	40.5	15.5

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
2215	GSH2336	1	447835	4804251	2	0	40	0.45	14.3	5.5
2215	GSH2336	2	447835	4804251	2	45	40	0.45	14.4	5.5
2215	GSH2336	3	447835	4804251	2	90	40	0.45	14.4	5.5
2215	GSH2336	4	447835	4804251	2	135	84	0.45	28.2	10.8
2215	GSH2336	5	447835	4804251	2	180	44	0.38	13.9	5.3
2215	GSH2336	6	447835	4804251	2	225	44	0.38	14	5.3
2215	GSH2336	7	447835	4804251	2	270	44	0.38	13.9	5.3
2216	GSH2337	1	447838	4804242	2	0	42	0.45	14.6	5.6
2216	GSH2337	2	447838	4804242	2	45	42	0.45	14.6	5.6
2216	GSH2337	3	447838	4804242	2	90	42	0.45	14.6	5.6
2216	GSH2337	4	447838	4804242	2	135	89	0.45	30.1	11.5
2216	GSH2337	5	447838	4804242	2	180	47	0.4	15.6	6.0
2216	GSH2337	6	447838	4804242	2	225	47	0.4	15.7	6.0
2216	GSH2337	7	447838	4804242	2	270	47	0.4	15.6	6.0
1909	GSH2338	1	447752	4804184	2	0	39	0.41	12.3	4.7
1909	GSH2338	2	447752	4804184	2	45	86	0.42	28.7	11.0
1909	GSH2338	3	447752	4804184	2	90	86	0.42	28.7	11.0
1909	GSH2338	4	447752	4804184	2	135	86	0.8	43	16.4
1909	GSH2338	5	447752	4804184	2	180	47	0.8	30.6	11.7
1909	GSH2338	6	447752	4804184	2	225	44	0.41	14.4	5.5
1909	GSH2338	7	447752	4804184	2	270	44	0.41	14.4	5.5
1626	GSH2339	2	448089	4800570	2	45	29	0.38	8.7	3.3
1626	GSH2339	3	448089	4800570	2	90	29	0.38	8.7	3.3
1626	GSH2339	4	448089	4800570	2	135	29	0.38	8.7	3.3
1626	GSH2339	5	448089	4800570	2	180	29	0.37	8.7	3.3
488	GSH2342	2	449460	4794359	2	45	52	0.57	23	8.8
488	GSH2342	3	449460	4794359	2	90	52	0.57	23.1	8.8
488	GSH2342	4	449460	4794359	2	135	52	0.57	23.1	8.8
488	GSH2342	5	449460	4794359	2	180	52	0.57	23	8.8
764	GSH2343	1	449583	4792102	2	0	26	0.34	7	2.7
764	GSH2343	2	449583	4792102	2	45	26	0.34	7	2.7
764	GSH2343	3	449583	4792102	2	90	26	0.34	7	2.7
764	GSH2343	4	449583	4792102	2	135	26	0.34	7	2.7
764	GSH2343	5	449583	4792102	2	180	49	0.5	19.3	7.4
764	GSH2343	6	449583	4792102	2	225	49	0.51	19.3	7.4
764	GSH2343	7	449583	4792102	2	270	49	0.5	19.3	7.4
764	GSH2343	8	449583	4792102	2	315	49	0.51	19.2	7.3
489	GSH2345	5	455651	4793776	2	180	61	0.54	25.6	9.8
489	GSH2345	6	455651	4793776	2	225	61	0.54	25.7	9.8
489	GSH2345	7	455651	4793776	2	270	61	0.54	25.7	9.8
489	GSH2345	8	455651	4793776	2	315	60	0.54	25.5	9.7
1364	GSH2346	1	453637	4793448	2	0	98	0.75	60.9	23.3
1364	GSH2346	2	453637	4793448	2	45	127	0.75	68.3	26.1
1364	GSH2346	3	453637	4793448	2	90	127	0.75	68.4	26.1
1364	GSH2346	4	453637	4793448	2	135	126	0.75	68	26.0
1364	GSH2346	5	453637	4793448	2	180	67	0.49	21.7	8.3
1364	GSH2346	6	453637	4793448	2	225	38	0.49	14.7	5.6
1364	GSH2346	7	453637	4793448	2	270	38	0.49	14.7	5.6
1364	GSH2346	8	453637	4793448	2	315	38	0.49	14.7	5.6
1910	GSH2347	1	453270	4795412	2	0	52	0.65	25.8	9.9
1910	GSH2347	2	453270	4795412	2	45	50	0.65	26	9.9
1910	GSH2347	3	453270	4795412	2	90	50	0.65	26	9.9
1910	GSH2347	4	453270	4795412	2	135	50	0.65	26	9.9
765	GSH2348	1	453261	4795421	2	0	49	0.64	25	9.6
765	GSH2348	2	453261	4795421	2	45	49	0.65	25.2	9.6
765	GSH2348	3	453261	4795421	2	90	49	0.65	25.3	9.7
765	GSH2348	4	453261	4795421	2	135	49	0.65	25.2	9.6
1057	GSH2350	1	452069	4803433	2	0	48	0.44	17.2	6.6
1057	GSH2350	6	452069	4803433	2	225	48	0.44	17.2	6.6
1057	GSH2350	7	452069	4803433	2	270	48	0.44	17.3	6.6
1057	GSH2350	8	452069	4803433	2	315	48	0.44	17.3	6.6
1366	GSH2357	1	449883	4803948	2	0	53	0.49	20.3	7.8
1366	GSH2357	2	449883	4803948	2	45	53	0.49	20.4	7.8
1366	GSH2357	3	449883	4803948	2	90	53	0.49	20.4	7.8
1366	GSH2357	4	449883	4803948	2	135	53	0.49	20.3	7.8
1366	GSH2357	5	449883	4803948	2	180	78	0.5	31.1	11.9
1366	GSH2357	6	449883	4803948	2	225	78	0.5	31.2	11.9
1366	GSH2357	7	449883	4803948	2	270	78	0.5	31.1	11.9
1366	GSH2357	8	449883	4803948	2	315	78	0.5	30.9	11.8

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
766	GSH2358	1	449878	4804018	2	0	46	0.5	17.9	6.8
766	GSH2358	2	449878	4804018	2	45	46	0.5	18	6.9
766	GSH2358	3	449878	4804018	2	90	46	0.5	18	6.9
766	GSH2358	4	449878	4804018	2	135	104	0.5	39.7	15.2
766	GSH2358	5	449878	4804018	2	180	58	0.44	21.9	8.4
766	GSH2358	6	449878	4804018	2	225	58	0.44	21.9	8.4
766	GSH2358	7	449878	4804018	2	270	58	0.44	21.9	8.4
1368	GSH2362	1	449977	4803374	2	0	28	0.34	7.5	2.9
1368	GSH2362	2	449977	4803374	2	45	28	0.34	7.5	2.9
1368	GSH2362	3	449977	4803374	2	90	28	0.34	7.5	2.9
1368	GSH2362	4	449977	4803374	2	135	28	0.34	7.5	2.9
1368	GSH2362	5	449977	4803374	2	180	45	0.56	19.8	7.6
1368	GSH2362	6	449977	4803374	2	225	45	0.56	19.9	7.6
1368	GSH2362	7	449977	4803374	2	270	45	0.56	20	7.6
1368	GSH2362	8	449977	4803374	2	315	45	0.56	19.9	7.6
2218	GSH2365	1	451477	4793067	2	0	42	0.53	17.2	6.6
2218	GSH2365	2	451477	4793067	2	45	110	0.54	43	16.4
2218	GSH2365	3	451477	4793067	2	90	109	0.54	43.1	16.5
2218	GSH2365	4	451477	4793067	2	135	109	0.54	43.1	16.5
2218	GSH2365	5	451477	4793067	2	180	69	0.43	25.8	9.9
1370	GSH2366	1	451486	4792959	2	0	42	0.53	17.8	6.8
1370	GSH2366	2	451486	4792959	2	45	94	0.53	35.4	13.5
1370	GSH2366	3	451486	4792959	2	90	94	0.53	35.5	13.6
1370	GSH2366	4	451486	4792959	2	135	122	0.53	42.3	16.2
1370	GSH2366	5	451486	4792959	2	180	81	0.44	24.4	9.3
1370	GSH2366	6	451486	4792959	2	225	29	0.3	7	2.7
1370	GSH2366	7	451486	4792959	2	270	29	0.3	7	2.7
2220	GSH2371	1	451311	4795103	2	0	29	0.34	7.8	3.0
2220	GSH2371	2	451311	4795103	2	45	29	0.35	7.9	3.0
2220	GSH2371	3	451311	4795103	2	90	29	0.35	7.9	3.0
2220	GSH2371	4	451311	4795103	2	135	28	0.34	7.6	2.9
1628	GSH2372	1	451284	4795146	2	0	66	0.63	34.6	13.2
1628	GSH2372	2	451284	4795146	2	45	66	0.63	34.7	13.3
1628	GSH2372	3	451284	4795146	2	90	66	0.63	34.7	13.3
1628	GSH2372	4	451284	4795146	2	135	65	0.63	34.5	13.2
223	GSH2381	2	446807	4796605	2	45	36	0.41	11.4	4.4
223	GSH2381	3	446807	4796605	2	90	36	0.41	11.5	4.4
223	GSH2381	4	446807	4796605	2	135	36	0.41	11.5	4.4
223	GSH2381	5	446807	4796605	2	180	36	0.4	11.4	4.4
224	GSH2382	2	446757	4796596	2	45	34	0.39	10.3	3.9
224	GSH2382	3	446757	4796596	2	90	35	0.39	10.3	3.9
224	GSH2382	4	446757	4796596	2	135	34	0.39	10.3	3.9
224	GSH2382	5	446757	4796596	2	180	60	0.39	17.1	6.5
224	GSH2382	6	446757	4796596	2	225	26	0.34	6.8	2.6
224	GSH2382	7	446757	4796596	2	270	26	0.34	6.9	2.6
224	GSH2382	8	446757	4796596	2	315	26	0.34	6.8	2.6
1912	GSH2383	1	446852	4796107	2	0	34	0.42	10.8	4.1
1912	GSH2383	2	446852	4796107	2	45	109	0.51	45	17.2
1912	GSH2383	3	446852	4796107	2	90	109	0.52	45.1	17.2
1912	GSH2383	4	446852	4796107	2	135	109	0.52	45.2	17.3
1912	GSH2383	5	446852	4796107	2	180	75	0.52	34.2	13.1
491	GSH2385	2	447323	4793830	2	45	49	0.61	23.5	9.0
491	GSH2385	3	447323	4793830	2	90	50	0.61	23.6	9.0
491	GSH2385	4	447323	4793830	2	135	49	0.61	23.6	9.0
491	GSH2385	5	447323	4793830	2	180	51	1.1	39.5	15.1
491	GSH2385	6	447323	4793830	2	225	42	0.5	16.1	6.2
491	GSH2385	7	447323	4793830	2	270	42	0.5	16.1	6.2
491	GSH2385	8	447323	4793830	2	315	42	0.5	16	6.1
1913	GSH2386	1	447145	4794884	2	0	57	0.44	19.3	7.4
1913	GSH2386	5	447145	4794884	2	180	40	0.51	15.8	6.0
1913	GSH2386	6	447145	4794884	2	225	97	0.51	35.4	13.5
1913	GSH2386	7	447145	4794884	2	270	97	0.51	35.4	13.5
1913	GSH2386	8	447145	4794884	2	315	97	0.51	35.4	13.5
1061	GSH2387	1	447144	4794912	2	0	50	0.44	17.3	6.6
1061	GSH2387	5	447144	4794912	2	180	39	0.51	15.6	6.0
1061	GSH2387	6	447144	4794912	2	225	89	0.51	33.1	12.6
1061	GSH2387	7	447144	4794912	2	270	89	0.51	33.2	12.7
1061	GSH2387	8	447144	4794912	2	315	89	0.51	33.2	12.7
492	GSH2388	1	447127	4794911	2	0	53	0.45	18.4	7.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
492	GSH2388	5	447127	4794911	2	180	41	0.52	16.3	6.2
492	GSH2388	6	447127	4794911	2	225	94	0.52	34.7	13.3
492	GSH2388	7	447127	4794911	2	270	94	0.52	34.9	13.3
492	GSH2388	8	447127	4794911	2	315	94	0.52	34.8	13.3
1	GSH2416	4	438675	4788087	2	135	87	0.6	46.5	17.8
1	GSH2416	5	438675	4788087	2	180	122	0.6	59.1	22.6
1	GSH2416	6	438675	4788087	2	225	124	0.6	59.4	22.7
1	GSH2416	7	438675	4788087	2	270	124	0.6	59.4	22.7
1	GSH2416	8	438675	4788087	2	315	37	0.45	12.6	4.8
56	GSH242	1	445800	4803380	2	0	26	0.34	6.8	2.6
56	GSH242	2	445800	4803380	2	45	26	0.34	6.8	2.6
56	GSH242	3	445800	4803380	2	90	25	0.34	6.9	2.6
56	GSH242	4	445800	4803380	2	135	26	0.34	6.9	2.6
1131	GSH2420	1	438798	4789310	2	0	53	0.52	19.8	7.6
1131	GSH2420	2	438798	4789310	2	45	39	0.37	11.1	4.2
1131	GSH2420	3	438798	4789310	2	90	39	0.38	11.2	4.3
1131	GSH2420	4	438798	4789310	2	135	39	0.38	11.2	4.3
1131	GSH2420	5	438798	4789310	2	180	102	0.46	37	14.1
1131	GSH2420	6	438798	4789310	2	225	124	0.52	45.8	17.5
1131	GSH2420	7	438798	4789310	2	270	124	0.52	45.9	17.5
1131	GSH2420	8	438798	4789310	2	315	124	0.52	45.8	17.5
2	GSH2421	1	437122	4787431	2	0	29	0.38	8.7	3.3
2	GSH2421	2	437122	4787431	2	45	29	0.38	8.8	3.4
2	GSH2421	3	437122	4787431	2	90	29	0.38	8.8	3.4
2	GSH2421	4	437122	4787431	2	135	29	0.38	8.8	3.4
1688	GSH2422	1	436905	4787494	2	0	70	0.45	23.9	9.1
1688	GSH2422	2	436905	4787494	2	45	70	0.45	24	9.2
1688	GSH2422	3	436905	4787494	2	90	70	0.45	24	9.2
1688	GSH2422	4	436905	4787494	2	135	71	0.45	24	9.2
1689	GSH2423	1	436604	4787754	2	0	28	0.37	8.2	3.1
1689	GSH2423	2	436604	4787754	2	45	28	0.37	8.3	3.2
1689	GSH2423	3	436604	4787754	2	90	28	0.37	8.3	3.2
1689	GSH2423	4	436604	4787754	2	135	28	0.37	8.3	3.2
552	GSH2424	1	436477	4787726	2	0	26	0.33	6.9	2.6
552	GSH2424	2	436477	4787726	2	45	26	0.33	6.9	2.6
552	GSH2424	3	436477	4787726	2	90	26	0.33	6.9	2.6
552	GSH2424	4	436477	4787726	2	135	26	0.33	6.9	2.6
553	GSH2425	1	436520	4787936	2	0	106	0.48	40.7	15.5
553	GSH2425	2	436520	4787936	2	45	106	0.48	40.9	15.6
553	GSH2425	3	436520	4787936	2	90	106	0.48	40.9	15.6
553	GSH2425	4	436520	4787936	2	135	106	0.48	40.7	15.5
1132	GSH2426	1	437084	4787575	2	0	110	0.56	48.7	18.6
1132	GSH2426	2	437084	4787575	2	45	110	0.56	48.9	18.7
1132	GSH2426	3	437084	4787575	2	90	110	0.56	48.9	18.7
1132	GSH2426	4	437084	4787575	2	135	110	0.56	48.7	18.6
827	GSH2427	1	436628	4788178	2	0	57	0.58	25.6	9.8
827	GSH2427	2	436628	4788178	2	45	89	0.59	35	13.4
827	GSH2427	3	436628	4788178	2	90	89	0.59	35.1	13.4
827	GSH2427	4	436628	4788178	2	135	90	0.58	34.9	13.3
827	GSH2427	5	436628	4788178	2	180	32	0.38	9.2	3.5
3	GSH2428	1	436831	4788946	2	0	80	0.6	31.1	11.9
3	GSH2428	2	436831	4788946	2	45	80	0.6	31.3	12.0
3	GSH2428	3	436831	4788946	2	90	80	0.6	31.3	12.0
3	GSH2428	4	436831	4788946	2	135	80	0.6	31.2	11.9
286	GSH2429	1	436867	4789121	2	0	30	0.37	8.8	3.4
286	GSH2429	2	436867	4789121	2	45	80	0.64	33.9	12.9
286	GSH2429	3	436867	4789121	2	90	80	0.64	34	13.0
286	GSH2429	4	436867	4789121	2	135	80	0.64	33.9	12.9
286	GSH2429	5	436867	4789121	2	180	50	0.64	24.9	9.5
341	GSH243	2	445976	4802403	2	45	49	0.48	18.1	6.9
341	GSH243	3	445976	4802403	2	90	49	0.48	18.2	7.0
341	GSH243	4	445976	4802403	2	135	49	0.48	18.2	7.0
341	GSH243	5	445976	4802403	2	180	49	0.48	18.1	6.9
828	GSH2430	1	436800	4789342	2	0	28	0.36	7.8	3.0
828	GSH2430	2	436800	4789342	2	45	93	0.57	36.2	13.8
828	GSH2430	3	436800	4789342	2	90	93	0.57	36.4	13.9
828	GSH2430	4	436800	4789342	2	135	93	0.57	36.4	13.9
828	GSH2430	5	436800	4789342	2	180	65	0.57	28.4	10.8
554	GSH2431	1	437052	4789605	2	0	42	0.36	12.1	4.6

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
554	GSH2431	2	437052	4789605	2	45	79	0.45	25.4	9.7
554	GSH2431	3	437052	4789605	2	90	79	0.45	25.5	9.7
554	GSH2431	4	437052	4789605	2	135	79	0.45	25.4	9.7
554	GSH2431	5	437052	4789605	2	180	37	0.45	13.3	5.1
1974	GSH2432	2	436916	4789636	2	45	34	0.4	10.5	4.0
1974	GSH2432	3	436916	4789636	2	90	34	0.4	10.6	4.0
1974	GSH2432	4	436916	4789636	2	135	34	0.4	10.6	4.0
1974	GSH2432	5	436916	4789636	2	180	34	0.4	10.5	4.0
829	GSH2433	2	436817	4789801	2	45	36	0.37	10.4	4.0
829	GSH2433	3	436817	4789801	2	90	36	0.37	10.5	4.0
829	GSH2433	4	436817	4789801	2	135	36	0.37	10.5	4.0
829	GSH2433	5	436817	4789801	2	180	36	0.37	10.4	4.0
1690	GSH2434	1	436993	4790022	2	0	30	0.37	8.4	3.2
1690	GSH2434	2	436993	4790022	2	45	67	0.37	19.2	7.3
1690	GSH2434	3	436993	4790022	2	90	67	0.37	19.3	7.4
1690	GSH2434	4	436993	4790022	2	135	67	0.37	19.2	7.3
1690	GSH2434	5	436993	4790022	2	180	37	0.35	10.7	4.1
1975	GSH2435	1	436905	4789846	2	0	29	0.34	7.4	2.8
1975	GSH2435	2	436905	4789846	2	45	74	0.39	21.2	8.1
1975	GSH2435	3	436905	4789846	2	90	74	0.39	21.3	8.1
1975	GSH2435	4	436905	4789846	2	135	74	0.39	21.3	8.1
1975	GSH2435	5	436905	4789846	2	180	45	0.39	13.8	5.3
555	GSH2436	1	438851	4789724	2	0	89	0.39	29.5	11.3
555	GSH2436	2	438851	4789724	2	45	89	0.39	29.6	11.3
555	GSH2436	3	438851	4789724	2	90	89	0.39	29.6	11.3
555	GSH2436	4	438851	4789724	2	135	89	0.39	29.4	11.2
555	GSH2436	5	438851	4789724	2	180	35	0.45	12.2	4.7
555	GSH2436	6	438851	4789724	2	225	35	0.45	12.3	4.7
555	GSH2436	7	438851	4789724	2	270	35	0.45	12.3	4.7
555	GSH2436	8	438851	4789724	2	315	35	0.45	12.3	4.7
4	GSH2437	1	439057	4790109	2	0	51	0.99	36.3	13.9
4	GSH2437	2	439057	4790109	2	45	92	0.53	35.6	13.6
4	GSH2437	3	439057	4790109	2	90	92	0.53	35.7	13.6
4	GSH2437	4	439057	4790109	2	135	92	0.53	35.6	13.6
4	GSH2437	5	439057	4790109	2	180	43	0.77	22.7	8.7
4	GSH2437	6	439057	4790109	2	225	77	0.46	23.6	9.0
4	GSH2437	7	439057	4790109	2	270	77	0.46	23.7	9.1
4	GSH2437	8	439057	4790109	2	315	77	0.46	23.6	9.0
830	GSH2438	1	438903	4790183	2	0	68	0.83	32.9	12.6
830	GSH2438	2	438903	4790183	2	45	75	0.46	24.8	9.5
830	GSH2438	3	438903	4790183	2	90	75	0.46	24.9	9.5
830	GSH2438	4	438903	4790183	2	135	75	0.46	24.8	9.5
830	GSH2438	5	438903	4790183	2	180	59	0.7	24.7	9.4
830	GSH2438	6	438903	4790183	2	225	94	0.54	33	12.6
830	GSH2438	7	438903	4790183	2	270	94	0.54	32.9	12.6
830	GSH2438	8	438903	4790183	2	315	94	0.54	32.8	12.5
831	GSH2439	1	439106	4790344	2	0	67	0.59	25.5	9.7
831	GSH2439	2	439106	4790344	2	45	94	0.59	37.9	14.5
831	GSH2439	3	439106	4790344	2	90	94	0.59	38	14.5
831	GSH2439	4	439106	4790344	2	135	94	0.59	38	14.5
831	GSH2439	5	439106	4790344	2	180	82	0.42	27.7	10.6
831	GSH2439	6	439106	4790344	2	225	55	0.42	15.5	5.9
831	GSH2439	7	439106	4790344	2	270	55	0.42	15.7	6.0
831	GSH2439	8	439106	4790344	2	315	55	0.42	15.7	6.0
1735	GSH244	2	446129	4802319	2	45	53	0.57	23.7	9.1
1735	GSH244	3	446129	4802319	2	90	53	0.57	23.8	9.1
1735	GSH244	4	446129	4802319	2	135	53	0.57	23.8	9.1
1735	GSH244	5	446129	4802319	2	180	54	0.57	23.7	9.1
1426	GSH2440	1	438938	4790565	2	0	117	0.72	63.2	24.1
1426	GSH2440	2	438938	4790565	2	45	39	0.49	14.8	5.7
1426	GSH2440	3	438938	4790565	2	90	39	0.49	14.9	5.7
1426	GSH2440	4	438938	4790565	2	135	39	0.49	14.9	5.7
1426	GSH2440	5	438938	4790565	2	180	52	0.9	28.5	10.9
1426	GSH2440	6	438938	4790565	2	225	154	0.72	76.9	29.4
1426	GSH2440	7	438938	4790565	2	270	154	0.72	77.1	29.5
1426	GSH2440	8	438938	4790565	2	315	154	0.72	77	29.4
556	GSH2441	2	438956	4790782	2	45	56	0.48	21	8.0
556	GSH2441	3	438956	4790782	2	90	56	0.49	21.2	8.1
556	GSH2441	4	438956	4790782	2	135	56	0.49	21.2	8.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
556	GSH2441	5	438956	4790782	2	180	134	0.75	65.2	24.9
556	GSH2441	6	438956	4790782	2	225	95	0.71	44.4	17.0
556	GSH2441	7	438956	4790782	2	270	95	0.71	44.4	17.0
556	GSH2441	8	438956	4790782	2	315	95	0.71	44.3	16.9
1133	GSH2442	4	439022	4791413	2	135	28	0.31	6.9	2.6
1133	GSH2442	5	439022	4791413	2	180	28	0.31	7	2.7
1133	GSH2442	6	439022	4791413	2	225	29	0.31	7.1	2.7
1133	GSH2442	7	439022	4791413	2	270	29	0.31	7	2.7
1691	GSH2443	5	439163	4791115	2	180	42	0.48	15.8	6.0
1691	GSH2443	6	439163	4791115	2	225	42	0.48	15.8	6.0
1691	GSH2443	7	439163	4791115	2	270	42	0.48	15.8	6.0
1691	GSH2443	8	439163	4791115	2	315	42	0.48	15.8	6.0
610	GSH245	2	446147	4802283	2	45	52	0.59	23.7	9.1
610	GSH245	3	446147	4802283	2	90	52	0.59	23.8	9.1
610	GSH245	4	446147	4802283	2	135	52	0.59	23.8	9.1
610	GSH245	5	446147	4802283	2	180	52	0.59	23.7	9.1
2027	GSH246	2	446192	4802137	2	45	49	0.63	24.4	9.3
2027	GSH246	3	446192	4802137	2	90	49	0.64	24.5	9.4
2027	GSH246	4	446192	4802137	2	135	49	0.64	24.4	9.3
2027	GSH246	5	446192	4802137	2	180	49	0.63	24.3	9.3
1736	GSH247	2	446217	4802093	2	45	51	0.66	26	9.9
1736	GSH247	3	446217	4802093	2	90	51	0.66	26.1	10.0
1736	GSH247	4	446217	4802093	2	135	51	0.66	26.1	10.0
1736	GSH247	5	446217	4802093	2	180	50	0.66	25.9	9.9
1737	GSH248	2	446257	4802101	2	45	55	0.7	29.6	11.3
1737	GSH248	3	446257	4802101	2	90	55	0.7	29.7	11.3
1737	GSH248	4	446257	4802101	2	135	55	0.7	29.7	11.3
1737	GSH248	5	446257	4802101	2	180	54	0.7	29.5	11.3
7	GSH2547	5	451802	4805986	2	180	75	0.45	24.2	9.2
7	GSH2547	6	451802	4805986	2	225	75	0.45	24.3	9.3
7	GSH2547	7	451802	4805986	2	270	75	0.45	24.2	9.2
7	GSH2547	8	451802	4805986	2	315	75	0.45	24.1	9.2
1978	GSH2548	1	451917	4805301	2	0	46	0.49	16.7	6.4
1978	GSH2548	4	451917	4805301	2	135	64	0.46	25.1	9.6
1978	GSH2548	5	451917	4805301	2	180	64	0.46	25.2	9.6
1978	GSH2548	6	451917	4805301	2	225	110	0.49	42	16.0
1978	GSH2548	7	451917	4805301	2	270	110	0.49	42.1	16.1
1978	GSH2548	8	451917	4805301	2	315	46	0.49	16.9	6.5
1427	GSH2550	1	451938	4805181	2	0	61	0.48	20.6	7.9
1427	GSH2550	5	451938	4805181	2	180	62	0.51	24.1	9.2
1427	GSH2550	6	451938	4805181	2	225	123	0.51	45	17.2
1427	GSH2550	7	451938	4805181	2	270	124	0.51	44.9	17.2
1427	GSH2550	8	451938	4805181	2	315	123	0.51	44.8	17.1
1979	GSH2556	5	452105	4803964	2	180	34	0.45	12.2	4.7
1979	GSH2556	6	452105	4803964	2	225	35	0.45	12.3	4.7
1979	GSH2556	7	452105	4803964	2	270	35	0.45	12.3	4.7
1979	GSH2556	8	452105	4803964	2	315	35	0.45	12.3	4.7
833	GSH2558	1	452191	4803373	2	0	41	0.37	12	4.6
833	GSH2558	6	452191	4803373	2	225	41	0.37	12	4.6
833	GSH2558	7	452191	4803373	2	270	41	0.37	12.1	4.6
833	GSH2558	8	452191	4803373	2	315	41	0.37	12.1	4.6
8	GSH2563	2	452514	4801149	2	45	25	0.29	5.8	2.2
8	GSH2563	3	452514	4801149	2	90	25	0.3	5.7	2.2
8	GSH2563	4	452514	4801149	2	135	25	0.3	5.7	2.2
8	GSH2563	5	452514	4801149	2	180	25	0.29	5.8	2.2
1134	GSH2564	5	454065	4800249	2	180	37	0.38	10.7	4.1
1134	GSH2564	6	454065	4800249	2	225	38	0.38	10.8	4.1
1134	GSH2564	7	454065	4800249	2	270	38	0.38	10.7	4.1
1134	GSH2564	8	454065	4800249	2	315	37	0.38	10.7	4.1
1981	GSH2565	1	452883	4798693	2	0	30	0.37	8.4	3.2
1981	GSH2565	2	452883	4798693	2	45	30	0.37	8.5	3.2
1981	GSH2565	3	452883	4798693	2	90	30	0.37	8.5	3.2
1981	GSH2565	4	452883	4798693	2	135	30	0.37	8.5	3.2
289	GSH2567	1	454801	4798889	2	0	56	0.54	21.3	8.1
289	GSH2567	6	454801	4798889	2	225	57	0.54	21.6	8.3
289	GSH2567	7	454801	4798889	2	270	57	0.54	21.7	8.3
289	GSH2567	8	454801	4798889	2	315	57	0.54	21.6	8.3
835	GSH2568	5	454778	4799081	2	180	43	0.53	17.8	6.8
835	GSH2568	6	454778	4799081	2	225	44	0.53	17.9	6.8

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
835	GSH2568	7	454778	4799081	2	270	44	0.53	18	6.9
835	GSH2568	8	454778	4799081	2	315	44	0.54	17.9	6.8
1983	GSH2569	1	452996	4797885	2	0	60	0.63	27.9	10.7
1983	GSH2569	6	452996	4797885	2	225	60	0.63	28	10.7
1983	GSH2569	7	452996	4797885	2	270	60	0.63	28.1	10.7
1983	GSH2569	8	452996	4797885	2	315	60	0.63	28.1	10.7
1692	GSH2571	1	455137	4796548	2	0	36	0.41	11.2	4.3
1692	GSH2571	6	455137	4796548	2	225	36	0.41	11.3	4.3
1692	GSH2571	7	455137	4796548	2	270	36	0.41	11.2	4.3
1692	GSH2571	8	455137	4796548	2	315	36	0.41	11.2	4.3
836	GSH2572	1	455169	4796333	2	0	55	0.46	17.2	6.6
836	GSH2572	6	455169	4796333	2	225	55	0.47	17.2	6.6
836	GSH2572	7	455169	4796333	2	270	55	0.45	17.1	6.5
836	GSH2572	8	455169	4796333	2	315	55	0.45	17.2	6.6
1135	GSH2573	2	453320	4795823	2	45	81	0.6	43.1	16.5
1135	GSH2573	3	453320	4795823	2	90	80	0.6	43.4	16.6
1135	GSH2573	4	453320	4795823	2	135	80	0.6	43.4	16.6
1135	GSH2573	5	453320	4795823	2	180	81	0.6	43.3	16.5
1136	GSH2574	4	455250	4795718	2	135	18	0.21	3	1.1
1136	GSH2574	5	455250	4795718	2	180	19	0.22	3.1	1.2
1136	GSH2574	6	455250	4795718	2	225	19	0.22	3.2	1.2
1136	GSH2574	7	455250	4795718	2	270	19	0.22	3.2	1.2
1429	GSH2575	2	453290	4796624	2	45	40	0.52	16.1	6.2
1429	GSH2575	3	453290	4796624	2	90	40	0.52	16.1	6.2
1429	GSH2575	4	453290	4796624	2	135	40	0.52	16.1	6.2
1429	GSH2575	5	453290	4796624	2	180	50	0.89	27.6	10.5
1429	GSH2575	6	453290	4796624	2	225	34	0.44	11.6	4.4
1429	GSH2575	7	453290	4796624	2	270	34	0.44	11.7	4.5
1429	GSH2575	8	453290	4796624	2	315	34	0.44	11.6	4.4
558	GSH2576	5	455253	4795134	2	180	58	0.74	33.8	12.9
558	GSH2576	6	455253	4795134	2	225	58	0.74	34	13.0
558	GSH2576	7	455253	4795134	2	270	58	0.75	34.1	13.0
558	GSH2576	8	455253	4795134	2	315	58	0.75	34	13.0
1137	GSH2577	1	453502	4794785	2	0	27	0.34	7.2	2.8
1137	GSH2577	2	453502	4794785	2	45	27	0.34	7.2	2.8
1137	GSH2577	3	453502	4794785	2	90	27	0.35	7.3	2.8
1137	GSH2577	4	453502	4794785	2	135	27	0.34	7.2	2.8
290	GSH2580	5	454684	4794092	2	180	56	0.63	27.6	10.5
290	GSH2580	6	454684	4794092	2	225	56	0.64	27.7	10.6
290	GSH2580	7	454684	4794092	2	270	56	0.63	27.7	10.6
290	GSH2580	8	454684	4794092	2	315	56	0.63	27.6	10.5
559	GSH2581	5	454907	4794125	2	180	39	0.49	14.9	5.7
559	GSH2581	6	454907	4794125	2	225	39	0.49	15	5.7
559	GSH2581	7	454907	4794125	2	270	39	0.49	15	5.7
559	GSH2581	8	454907	4794125	2	315	39	0.49	14.9	5.7
560	GSH2582	5	454955	4794129	2	180	37	0.46	13.5	5.2
560	GSH2582	6	454955	4794129	2	225	37	0.46	13.6	5.2
560	GSH2582	7	454955	4794129	2	270	37	0.46	13.6	5.2
560	GSH2582	8	454955	4794129	2	315	37	0.46	13.5	5.2
1984	GSH2598	4	455503	4793828	2	135	62	0.54	28.7	11.0
1984	GSH2598	5	455503	4793828	2	180	62	0.54	28.8	11.0
1984	GSH2598	6	455503	4793828	2	225	62	0.54	28.9	11.0
1984	GSH2598	7	455503	4793828	2	270	62	0.54	28.8	11.0
1693	GSH2601	1	453725	4792943	2	0	70	0.48	29.9	11.4
1693	GSH2601	2	453725	4792943	2	45	37	0.48	14.3	5.5
1693	GSH2601	3	453725	4792943	2	90	38	0.48	14.4	5.5
1693	GSH2601	4	453725	4792943	2	135	37	0.48	14.4	5.5
1693	GSH2601	5	453725	4792943	2	180	37	0.48	14.3	5.5
1693	GSH2601	6	453725	4792943	2	225	70	0.48	29.8	11.4
1693	GSH2601	7	453725	4792943	2	270	70	0.48	29.9	11.4
1693	GSH2601	8	453725	4792943	2	315	70	0.48	29.9	11.4
291	GSH2603	1	453773	4792539	2	0	44	0.49	16.5	6.3
291	GSH2603	2	453773	4792539	2	45	44	0.49	16.6	6.3
291	GSH2603	3	453773	4792539	2	90	44	0.49	16.6	6.3
291	GSH2603	4	453773	4792539	2	135	44	0.49	16.6	6.3
562	GSH2604	1	453810	4792360	2	0	92	0.49	30.5	11.7
562	GSH2604	2	453810	4792360	2	45	92	0.49	30.7	11.7
562	GSH2604	3	453810	4792360	2	90	92	0.49	30.7	11.7
562	GSH2604	4	453810	4792360	2	135	92	0.49	30.6	11.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
837	GSH2605	5	453907	4791743	2	180	46	0.49	17.6	6.7
837	GSH2605	6	453907	4791743	2	225	47	0.49	17.7	6.8
837	GSH2605	7	453907	4791743	2	270	47	0.49	17.6	6.7
837	GSH2605	8	453907	4791743	2	315	46	0.49	17.5	6.7
292	GSH2607	1	453831	4791066	2	0	89	0.63	47	18.0
292	GSH2607	6	453831	4791066	2	225	89	0.63	47.1	18.0
292	GSH2607	7	453831	4791066	2	270	89	0.63	47.2	18.0
292	GSH2607	8	453831	4791066	2	315	89	0.63	47.3	18.1
293	GSH2608	1	453806	4791216	2	0	60	0.67	31.3	12.0
293	GSH2608	6	453806	4791216	2	225	60	0.67	31.4	12.0
293	GSH2608	7	453806	4791216	2	270	60	0.67	31.5	12.0
293	GSH2608	8	453806	4791216	2	315	60	0.67	31.5	12.0
563	GSH2609	5	453768	4791520	2	180	51	0.63	24.9	9.5
563	GSH2609	6	453768	4791520	2	225	51	0.63	25	9.6
563	GSH2609	7	453768	4791520	2	270	51	0.63	25	9.6
563	GSH2609	8	453768	4791520	2	315	51	0.63	24.9	9.5
1694	GSH2610	5	453739	4791724	2	180	76	0.58	32.6	12.5
1694	GSH2610	6	453739	4791724	2	225	76	0.59	32.8	12.5
1694	GSH2610	7	453739	4791724	2	270	76	0.58	32.7	12.5
1694	GSH2610	8	453739	4791724	2	315	76	0.58	32.4	12.4
1985	GSH2611	2	452687	4791611	2	45	57	0.59	28.2	10.8
1985	GSH2611	3	452687	4791611	2	90	57	0.6	28.4	10.8
1985	GSH2611	4	452687	4791611	2	135	57	0.6	28.5	10.9
1985	GSH2611	5	452687	4791611	2	180	57	0.6	28.4	10.8
1986	GSH2612	1	451833	4791502	2	0	34	0.41	10.9	4.2
1986	GSH2612	6	451833	4791502	2	225	34	0.41	10.9	4.2
1986	GSH2612	7	451833	4791502	2	270	34	0.41	10.9	4.2
1986	GSH2612	8	451833	4791502	2	315	34	0.41	10.9	4.2
1139	GSH2615	5	451847	4791670	2	180	31	0.39	9.4	3.6
1139	GSH2615	6	451847	4791670	2	225	31	0.39	9.5	3.6
1139	GSH2615	7	451847	4791670	2	270	31	0.39	9.5	3.6
1139	GSH2615	8	451847	4791670	2	315	31	0.39	9.5	3.6
1987	GSH2617	1	451721	4792343	2	0	49	0.56	21.4	8.2
1987	GSH2617	2	451721	4792343	2	45	49	0.56	21.5	8.2
1987	GSH2617	3	451721	4792343	2	90	49	0.56	21.6	8.3
1987	GSH2617	4	451721	4792343	2	135	50	0.56	21.5	8.2
1987	GSH2617	5	451721	4792343	2	180	110	0.46	31.2	11.9
1987	GSH2617	6	451721	4792343	2	225	110	0.46	31.4	12.0
1987	GSH2617	7	451721	4792343	2	270	110	0.46	31.3	12.0
1987	GSH2617	8	451721	4792343	2	315	108	0.46	31.1	11.9
565	GSH2618	1	451707	4792467	2	0	44	0.56	19.5	7.4
565	GSH2618	2	451707	4792467	2	45	44	0.56	19.6	7.5
565	GSH2618	3	451707	4792467	2	90	44	0.57	19.6	7.5
565	GSH2618	4	451707	4792467	2	135	44	0.56	19.6	7.5
565	GSH2618	5	451707	4792467	2	180	35	0.45	12.5	4.8
565	GSH2618	6	451707	4792467	2	225	35	0.45	12.5	4.8
565	GSH2618	7	451707	4792467	2	270	35	0.45	12.6	4.8
565	GSH2618	8	451707	4792467	2	315	35	0.45	12.5	4.8
838	GSH2619	2	453425	4794103	2	45	83	0.53	35	13.4
838	GSH2619	3	453425	4794103	2	90	83	0.53	35.2	13.4
838	GSH2619	4	453425	4794103	2	135	83	0.53	35.2	13.4
838	GSH2619	5	453425	4794103	2	180	83	0.53	35.1	13.4
1140	GSH2620	2	452021	4793756	2	45	43	0.41	14.2	5.4
1140	GSH2620	3	452021	4793756	2	90	43	0.41	14.3	5.5
1140	GSH2620	4	452021	4793756	2	135	43	0.42	14.3	5.5
1140	GSH2620	5	452021	4793756	2	180	43	0.41	14.3	5.5
1430	GSH2621	2	453421	4794207	2	45	45	0.42	16.1	6.2
1430	GSH2621	3	453421	4794207	2	90	45	0.43	16.4	6.3
1430	GSH2621	4	453421	4794207	2	135	45	0.43	16.4	6.3
1430	GSH2621	5	453421	4794207	2	180	45	0.42	16.2	6.2
1697	GSH2624	1	453236	4795134	2	0	79	0.59	34.7	13.3
1697	GSH2624	2	453236	4795134	2	45	79	0.59	34.9	13.3
1697	GSH2624	3	453236	4795134	2	90	79	0.59	34.9	13.3
1697	GSH2624	4	453236	4795134	2	135	79	0.59	34.8	13.3
839	GSH2625	1	453153	4795821	2	0	34	0.3	8.2	3.1
839	GSH2625	2	453153	4795821	2	45	108	0.54	38.1	14.6
839	GSH2625	3	453153	4795821	2	90	108	0.54	38.3	14.6
839	GSH2625	4	453153	4795821	2	135	108	0.54	38.2	14.6
839	GSH2625	5	453153	4795821	2	180	74	0.54	29.9	11.4

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1141	GSH2626	1	451263	4795364	2	0	59	0.67	31.1	11.9
1141	GSH2626	2	451263	4795364	2	45	59	0.67	31.3	12.0
1141	GSH2626	3	451263	4795364	2	90	59	0.67	31.3	12.0
1141	GSH2626	4	451263	4795364	2	135	60	0.67	31.3	12.0
1988	GSH2628	2	451209	4795697	2	45	51	0.63	25.7	9.8
1988	GSH2628	3	451209	4795697	2	90	52	0.63	25.8	9.9
1988	GSH2628	4	451209	4795697	2	135	52	0.63	25.8	9.9
1988	GSH2628	5	451209	4795697	2	180	51	0.63	25.6	9.8
566	GSH2630	1	451132	4796335	2	0	26	0.35	7.2	2.8
566	GSH2630	2	451132	4796335	2	45	26	0.35	7.2	2.8
566	GSH2630	3	451132	4796335	2	90	26	0.35	7.3	2.8
566	GSH2630	4	451132	4796335	2	135	26	0.35	7.2	2.8
1990	GSH2634	5	452807	4798013	2	180	66	0.83	42.8	16.3
1990	GSH2634	6	452807	4798013	2	225	66	0.83	43	16.4
1990	GSH2634	7	452807	4798013	2	270	66	0.83	43.1	16.5
1990	GSH2634	8	452807	4798013	2	315	66	0.83	43	16.4
567	GSH2635	2	452250	4799781	2	45	41	0.48	15.5	5.9
567	GSH2635	3	452250	4799781	2	90	42	0.48	15.6	6.0
567	GSH2635	4	452250	4799781	2	135	41	0.48	15.6	6.0
567	GSH2635	5	452250	4799781	2	180	41	0.48	15.5	5.9
10	GSH2641	1	450141	4802963	2	0	47	0.42	16.2	6.2
10	GSH2641	6	450141	4802963	2	225	47	0.42	16.2	6.2
10	GSH2641	7	450141	4802963	2	270	47	0.43	16.3	6.2
10	GSH2641	8	450141	4802963	2	315	47	0.43	16.3	6.2
11	GSH2645	5	451989	4803944	2	180	40	0.51	15.7	6.0
11	GSH2645	6	451989	4803944	2	225	40	0.51	15.8	6.0
11	GSH2645	7	451989	4803944	2	270	40	0.51	15.9	6.1
11	GSH2645	8	451989	4803944	2	315	40	0.51	15.8	6.0
12	GSH2646	1	449959	4804424	2	0	32	0.36	8.7	3.3
12	GSH2646	2	449959	4804424	2	45	45	0.57	20.2	7.7
12	GSH2646	3	449959	4804424	2	90	45	0.58	20.3	7.8
12	GSH2646	4	449959	4804424	2	135	45	0.58	20.3	7.8
12	GSH2646	5	449959	4804424	2	180	45	0.57	20.2	7.7
12	GSH2646	6	449959	4804424	2	225	32	0.36	8.7	3.3
12	GSH2646	7	449959	4804424	2	270	32	0.36	8.7	3.3
12	GSH2646	8	449959	4804424	2	315	32	0.36	8.7	3.3
1145	GSH2647	1	451822	4805104	2	0	64	0.55	30.2	11.5
1145	GSH2647	5	451822	4805104	2	180	79	0.6	34.5	13.2
1145	GSH2647	6	451822	4805104	2	225	143	0.6	64.8	24.8
1145	GSH2647	7	451822	4805104	2	270	143	0.6	64.8	24.8
1145	GSH2647	8	451822	4805104	2	315	143	0.6	64.6	24.7
569	GSH2648	1	451817	4805188	2	0	97	0.5	35.9	13.7
569	GSH2648	4	451817	4805188	2	135	76	0.52	35	13.4
569	GSH2648	5	451817	4805188	2	180	76	0.52	35.1	13.4
569	GSH2648	6	451817	4805188	2	225	173	0.52	71.2	27.2
569	GSH2648	7	451817	4805188	2	270	173	0.52	71.3	27.2
569	GSH2648	8	451817	4805188	2	315	97	0.5	36.2	13.8
295	GSH2649	1	449861	4805296	2	0	92	0.55	38.5	14.7
295	GSH2649	2	449861	4805296	2	45	186	0.58	78.4	29.9
295	GSH2649	3	449861	4805296	2	90	186	0.58	78.7	30.1
295	GSH2649	4	449861	4805296	2	135	186	0.59	78.5	30.0
295	GSH2649	5	449861	4805296	2	180	93	0.58	39.9	15.2
1699	GSH2650	2	449778	4805861	2	45	44	0.55	18.8	7.2
1699	GSH2650	3	449778	4805861	2	90	44	0.55	18.9	7.2
1699	GSH2650	4	449778	4805861	2	135	44	0.55	18.9	7.2
1699	GSH2650	5	449778	4805861	2	180	44	0.55	18.7	7.1
13	GSH2657	2	449599	4806177	2	45	59	0.44	19.9	7.6
13	GSH2657	3	449599	4806177	2	90	60	0.45	20.1	7.7
13	GSH2657	4	449599	4806177	2	135	60	0.45	20.1	7.7
13	GSH2657	5	449599	4806177	2	180	59	0.44	19.9	7.6
14	GSH2658	2	449630	4805824	2	45	37	0.47	13.3	5.1
14	GSH2658	3	449630	4805824	2	90	37	0.47	13.4	5.1
14	GSH2658	4	449630	4805824	2	135	37	0.47	13.4	5.1
14	GSH2658	5	449630	4805824	2	180	37	0.47	13.3	5.1
842	GSH2663	1	449791	4804663	2	0	50	0.53	21.1	8.1
842	GSH2663	2	449791	4804663	2	45	96	0.54	38.3	14.6
842	GSH2663	3	449791	4804663	2	90	96	0.54	38.4	14.7
842	GSH2663	4	449791	4804663	2	135	96	0.53	38.3	14.6
842	GSH2663	5	449791	4804663	2	180	78	0.47	26.9	10.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
842	GSH2663	6	449791	4804663	2	225	32	0.4	9.9	3.8
842	GSH2663	7	449791	4804663	2	270	32	0.4	9.9	3.8
842	GSH2663	8	449791	4804663	2	315	32	0.4	9.9	3.8
843	GSH2664	1	449849	4804415	2	0	79	0.42	24.8	9.5
843	GSH2664	2	449849	4804415	2	45	80	0.5	29.3	11.2
843	GSH2664	3	449849	4804415	2	90	80	0.51	29.3	11.2
843	GSH2664	4	449849	4804415	2	135	80	0.5	29.2	11.2
843	GSH2664	5	449849	4804415	2	180	39	0.5	15.4	5.9
843	GSH2664	6	449849	4804415	2	225	38	0.39	11.1	4.2
843	GSH2664	7	449849	4804415	2	270	38	0.39	11.2	4.3
843	GSH2664	8	449849	4804415	2	315	38	0.39	11.2	4.3
570	GSH2665	1	448061	4802988	2	0	62	0.35	16.7	6.4
570	GSH2665	2	448061	4802988	2	45	28	0.35	7.9	3.0
570	GSH2665	3	448061	4802988	2	90	28	0.35	8	3.1
570	GSH2665	4	448061	4802988	2	135	28	0.35	7.9	3.0
570	GSH2665	6	448061	4802988	2	225	34	0.32	8.8	3.4
570	GSH2665	7	448061	4802988	2	270	34	0.32	8.8	3.4
570	GSH2665	8	448061	4802988	2	315	34	0.32	8.8	3.4
1700	GSH2666	1	448157	4802750	2	0	38	0.36	11.1	4.2
1700	GSH2666	2	448157	4802750	2	45	75	0.4	23.4	8.9
1700	GSH2666	3	448157	4802750	2	90	75	0.4	23.4	8.9
1700	GSH2666	4	448157	4802750	2	135	75	0.4	23.4	8.9
1700	GSH2666	5	448157	4802750	2	180	37	0.4	12.3	4.7
1149	GSH2667	2	448170	4802576	2	45	71	0.53	28.7	11.0
1149	GSH2667	3	448170	4802576	2	90	72	0.54	28.9	11.0
1149	GSH2667	4	448170	4802576	2	135	72	0.54	28.9	11.0
1149	GSH2667	5	448170	4802576	2	180	71	0.54	28.7	11.0
844	GSH2669	1	450021	4801727	2	0	17	0.16	2.1	0.8
844	GSH2669	5	450021	4801727	2	180	28	0.37	8.4	3.2
844	GSH2669	6	450021	4801727	2	225	46	0.37	10.6	4.0
844	GSH2669	7	450021	4801727	2	270	46	0.37	10.7	4.1
844	GSH2669	8	450021	4801727	2	315	46	0.37	10.7	4.1
1150	GSH2670	2	448403	4800983	2	45	41	0.41	13.6	5.2
1150	GSH2670	3	448403	4800983	2	90	41	0.41	13.6	5.2
1150	GSH2670	4	448403	4800983	2	135	41	0.41	13.7	5.2
1150	GSH2670	5	448403	4800983	2	180	41	0.41	13.6	5.2
1701	GSH2672	1	448477	4800353	2	0	42	0.54	17.9	6.8
1701	GSH2672	2	448477	4800353	2	45	42	0.54	18	6.9
1701	GSH2672	3	448477	4800353	2	90	42	0.55	18.1	6.9
1701	GSH2672	4	448477	4800353	2	135	42	0.54	18	6.9
1432	GSH2673	1	448494	4800147	2	0	51	0.54	21.2	8.1
1432	GSH2673	2	448494	4800147	2	45	51	0.54	21.3	8.1
1432	GSH2673	3	448494	4800147	2	90	51	0.54	21.3	8.1
1432	GSH2673	4	448494	4800147	2	135	52	0.54	21.2	8.1
848	GSH2681	2	448266	4800796	2	45	43	0.43	14.5	5.5
848	GSH2681	3	448266	4800796	2	90	43	0.43	14.6	5.6
848	GSH2681	4	448266	4800796	2	135	43	0.43	14.6	5.6
848	GSH2681	5	448266	4800796	2	180	43	0.43	14.5	5.5
1433	GSH2683	1	448161	4801353	2	0	50	0.55	21.5	8.2
1433	GSH2683	2	448161	4801353	2	45	50	0.55	21.6	8.3
1433	GSH2683	3	448161	4801353	2	90	50	0.55	21.7	8.3
1433	GSH2683	4	448161	4801353	2	135	50	0.55	21.6	8.3
17	GSH2684	1	447655	4801316	2	0	28	0.34	7.4	2.8
17	GSH2684	2	447655	4801316	2	45	28	0.34	7.4	2.8
17	GSH2684	3	447655	4801316	2	90	28	0.34	7.4	2.8
17	GSH2684	4	447655	4801316	2	135	28	0.34	7.4	2.8
18	GSH2686	1	448336	4800142	2	0	38	0.45	13.7	5.2
18	GSH2686	2	448336	4800142	2	45	38	0.45	13.8	5.3
18	GSH2686	3	448336	4800142	2	90	38	0.45	13.8	5.3
18	GSH2686	4	448336	4800142	2	135	38	0.45	13.7	5.2
296	GSH2687	1	448319	4799793	2	0	66	0.41	24.3	9.3
296	GSH2687	2	448319	4799793	2	45	66	0.41	24.4	9.3
296	GSH2687	3	448319	4799793	2	90	66	0.41	24.3	9.3
296	GSH2687	4	448319	4799793	2	135	66	0.41	24.2	9.2
1702	GSH2689	1	448388	4799719	2	0	12	0.12	1.1	0.4
1702	GSH2689	2	448388	4799719	2	45	12	0.12	1.1	0.4
1702	GSH2689	3	448388	4799719	2	90	12	0.12	1.1	0.4
1702	GSH2689	4	448388	4799719	2	135	11	0.11	1	0.4
1994	GSH2690	1	448283	4799707	2	0	49	0.38	15.7	6.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1994	GSH2690	2	448283	4799707	2	45	49	0.38	15.8	6.0
1994	GSH2690	3	448283	4799707	2	90	49	0.38	15.7	6.0
1994	GSH2690	4	448283	4799707	2	135	49	0.38	15.6	6.0
1439	GSH2734	5	451195	4794881	2	180	37	0.35	9.9	3.8
1439	GSH2734	6	451195	4794881	2	225	38	0.35	10	3.8
1439	GSH2734	7	451195	4794881	2	270	37	0.35	10	3.8
1439	GSH2734	8	451195	4794881	2	315	36	0.35	9.9	3.8
1157	GSH2735	5	451229	4794705	2	180	32	0.36	8.6	3.3
1157	GSH2735	6	451229	4794705	2	225	32	0.36	8.7	3.3
1157	GSH2735	7	451229	4794705	2	270	32	0.36	8.7	3.3
1157	GSH2735	8	451229	4794705	2	315	32	0.36	8.6	3.3
575	GSH2736	2	449374	4794188	2	45	40	0.52	16.4	6.3
575	GSH2736	3	449374	4794188	2	90	40	0.52	16.4	6.3
575	GSH2736	4	449374	4794188	2	135	40	0.52	16.4	6.3
575	GSH2736	5	449374	4794188	2	180	40	0.52	16.3	6.2
1996	GSH2737	2	449197	4794348	2	45	36	0.43	12.3	4.7
1996	GSH2737	3	449197	4794348	2	90	36	0.43	12.3	4.7
1996	GSH2737	4	449197	4794348	2	135	36	0.43	12.3	4.7
1996	GSH2737	5	449197	4794348	2	180	36	0.43	12.2	4.7
1705	GSH2738	1	451489	4793121	2	0	42	0.54	17.7	6.8
1705	GSH2738	2	451489	4793121	2	45	93	0.55	34.9	13.3
1705	GSH2738	3	451489	4793121	2	90	93	0.55	35	13.4
1705	GSH2738	4	451489	4793121	2	135	93	0.55	35	13.4
1705	GSH2738	5	451489	4793121	2	180	51	0.41	17.1	6.5
298	GSH2739	1	451509	4792874	2	0	48	0.54	20	7.6
298	GSH2739	2	451509	4792874	2	45	91	0.54	35.4	13.5
298	GSH2739	3	451509	4792874	2	90	91	0.54	35.4	13.5
298	GSH2739	4	451509	4792874	2	135	153	0.54	58.8	22.5
298	GSH2739	5	451509	4792874	2	180	106	0.45	38.7	14.8
298	GSH2739	6	451509	4792874	2	225	63	0.45	23.5	9.0
298	GSH2739	7	451509	4792874	2	270	63	0.45	23.5	9.0
24	GSH2741	2	449614	4792596	2	45	36	0.35	9.7	3.7
24	GSH2741	3	449614	4792596	2	90	36	0.35	9.7	3.7
24	GSH2741	4	449614	4792596	2	135	36	0.35	9.7	3.7
24	GSH2741	5	449614	4792596	2	180	36	0.35	9.7	3.7
576	GSH2742	1	449708	4791946	2	0	29	0.37	8.4	3.2
576	GSH2742	2	449708	4791946	2	45	75	0.38	22.1	8.4
576	GSH2742	3	449708	4791946	2	90	75	0.39	22.2	8.5
576	GSH2742	4	449708	4791946	2	135	75	0.39	22.2	8.5
576	GSH2742	5	449708	4791946	2	180	83	0.47	27.4	10.5
576	GSH2742	6	449708	4791946	2	225	37	0.47	13.8	5.3
576	GSH2742	7	449708	4791946	2	270	37	0.47	13.8	5.3
576	GSH2742	8	449708	4791946	2	315	37	0.47	13.8	5.3
852	GSH2744	1	449887	4790942	2	0	64	0.42	20.7	7.9
852	GSH2744	2	449887	4790942	2	45	119	0.58	45.6	17.4
852	GSH2744	3	449887	4790942	2	90	119	0.58	45.8	17.5
852	GSH2744	4	449887	4790942	2	135	119	0.58	45.7	17.5
852	GSH2744	5	449887	4790942	2	180	91	0.58	37.2	14.2
852	GSH2744	6	449887	4790942	2	225	35	0.45	12.4	4.7
852	GSH2744	7	449887	4790942	2	270	35	0.45	12.4	4.7
852	GSH2744	8	449887	4790942	2	315	35	0.45	12.3	4.7
853	GSH2745	1	451687	4791494	2	0	40	0.47	14.6	5.6
853	GSH2745	6	451687	4791494	2	225	40	0.47	14.7	5.6
853	GSH2745	7	451687	4791494	2	270	40	0.47	14.7	5.6
853	GSH2745	8	451687	4791494	2	315	40	0.47	14.7	5.6
577	GSH2746	5	451741	4791072	2	180	28	0.35	7.4	2.8
577	GSH2746	6	451741	4791072	2	225	28	0.35	7.5	2.9
577	GSH2746	7	451741	4791072	2	270	28	0.35	7.5	2.9
577	GSH2746	8	451741	4791072	2	315	28	0.35	7.4	2.8
25	GSH2747	1	449937	4790551	2	0	98	0.62	41.9	16.0
25	GSH2747	2	449937	4790551	2	45	50	0.63	24.9	9.5
25	GSH2747	3	449937	4790551	2	90	50	0.63	24.9	9.5
25	GSH2747	4	449937	4790551	2	135	50	0.62	24.8	9.5
25	GSH2747	6	449937	4790551	2	225	49	0.45	17.4	6.6
25	GSH2747	7	449937	4790551	2	270	50	0.45	17.5	6.7
25	GSH2747	8	449937	4790551	2	315	50	0.45	17.5	6.7
299	GSH2748	1	449954	4790401	2	0	119	0.67	59.5	22.7
299	GSH2748	2	449954	4790401	2	45	69	0.62	33	12.6
299	GSH2748	3	449954	4790401	2	90	69	0.62	33	12.6

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
299	GSH2748	4	449954	4790401	2	135	69	0.62	32.9	12.6
299	GSH2748	6	449954	4790401	2	225	67	0.45	26.6	10.2
299	GSH2748	7	449954	4790401	2	270	67	0.45	26.7	10.2
299	GSH2748	8	449954	4790401	2	315	67	0.45	26.7	10.2
1440	GSH2749	1	451850	4790478	2	0	34	0.35	9.2	3.5
1440	GSH2749	6	451850	4790478	2	225	34	0.35	9.2	3.5
1440	GSH2749	7	451850	4790478	2	270	34	0.35	9.2	3.5
1440	GSH2749	8	451850	4790478	2	315	34	0.35	9.2	3.5
578	GSH2752	1	449605	4791116	2	0	28	0.35	7.9	3.0
578	GSH2752	2	449605	4791116	2	45	80	0.42	25.1	9.6
578	GSH2752	3	449605	4791116	2	90	81	0.42	25.2	9.6
578	GSH2752	4	449605	4791116	2	135	81	0.42	25.2	9.6
578	GSH2752	5	449605	4791116	2	180	100	0.58	39.7	15.2
578	GSH2752	6	449605	4791116	2	225	50	0.58	22.6	8.6
578	GSH2752	7	449605	4791116	2	270	50	0.58	22.6	8.6
578	GSH2752	8	449605	4791116	2	315	50	0.58	22.5	8.6
1441	GSH2753	1	447900	4790428	2	0	101	0.49	40.1	15.3
1441	GSH2753	2	447900	4790428	2	45	30	0.38	9.1	3.5
1441	GSH2753	3	447900	4790428	2	90	30	0.38	9.2	3.5
1441	GSH2753	4	447900	4790428	2	135	30	0.38	9.1	3.5
1441	GSH2753	6	447900	4790428	2	225	71	0.49	31	11.8
1441	GSH2753	7	447900	4790428	2	270	71	0.49	31.1	11.9
1441	GSH2753	8	447900	4790428	2	315	71	0.49	31.1	11.9
1158	GSH2754	1	447924	4790347	2	0	72	0.38	22.2	8.5
1158	GSH2754	2	447924	4790347	2	45	32	0.38	9.8	3.7
1158	GSH2754	3	447924	4790347	2	90	32	0.38	9.8	3.7
1158	GSH2754	4	447924	4790347	2	135	32	0.38	9.8	3.7
1158	GSH2754	6	447924	4790347	2	225	40	0.38	12.5	4.8
1158	GSH2754	7	447924	4790347	2	270	40	0.39	12.5	4.8
1158	GSH2754	8	447924	4790347	2	315	40	0.39	12.5	4.8
1159	GSH2755	1	447937	4790235	2	0	36	0.38	10.8	4.1
1159	GSH2755	2	447937	4790235	2	45	36	0.38	10.9	4.2
1159	GSH2755	3	447937	4790235	2	90	36	0.38	10.9	4.2
1159	GSH2755	4	447937	4790235	2	135	37	0.38	10.8	4.1
1707	GSH2759	1	447756	4791074	2	0	34	0.35	9.2	3.5
1707	GSH2759	2	447756	4791074	2	45	65	0.35	17.8	6.8
1707	GSH2759	3	447756	4791074	2	90	65	0.35	17.9	6.8
1707	GSH2759	4	447756	4791074	2	135	65	0.35	17.8	6.8
1707	GSH2759	5	447756	4791074	2	180	70	0.51	25.2	9.6
1707	GSH2759	6	447756	4791074	2	225	42	0.51	16.8	6.4
1707	GSH2759	7	447756	4791074	2	270	42	0.51	16.8	6.4
1707	GSH2759	8	447756	4791074	2	315	42	0.51	16.7	6.4
1160	GSH2761	5	447604	4791982	2	180	49	0.63	24.4	9.3
1160	GSH2761	6	447604	4791982	2	225	49	0.63	24.5	9.4
1160	GSH2761	7	447604	4791982	2	270	49	0.63	24.5	9.4
1160	GSH2761	8	447604	4791982	2	315	49	0.64	24.4	9.3
1442	GSH2762	1	447469	4791984	2	0	34	0.35	9.3	3.6
1442	GSH2762	5	447469	4791984	2	180	60	0.89	40.3	15.4
1442	GSH2762	6	447469	4791984	2	225	95	0.9	49.9	19.1
1442	GSH2762	7	447469	4791984	2	270	95	0.9	50	19.1
1442	GSH2762	8	447469	4791984	2	315	95	0.9	49.8	19.0
855	GSH2763	5	447589	4792077	2	180	49	0.62	23.9	9.1
855	GSH2763	6	447589	4792077	2	225	49	0.62	24	9.2
855	GSH2763	7	447589	4792077	2	270	49	0.62	24	9.2
855	GSH2763	8	447589	4792077	2	315	49	0.62	23.9	9.1
579	GSH2764	5	447536	4792370	2	180	82	0.54	36.6	14.0
579	GSH2764	6	447536	4792370	2	225	82	0.54	36.7	14.0
579	GSH2764	7	447536	4792370	2	270	82	0.54	36.7	14.0
1708	GSH2766	1	449316	4793619	2	0	66	0.45	22.4	8.6
1708	GSH2766	2	449316	4793619	2	45	66	0.45	22.5	8.6
1708	GSH2766	3	449316	4793619	2	90	66	0.45	22.5	8.6
1708	GSH2766	4	449316	4793619	2	135	66	0.45	22.4	8.6
1709	GSH2767	1	447579	4793554	2	0	113	0.94	76.5	29.2
1709	GSH2767	2	447579	4793554	2	45	113	0.95	77.1	29.5
1709	GSH2767	3	447579	4793554	2	90	113	0.95	77.2	29.5
1709	GSH2767	4	447579	4793554	2	135	113	0.94	76.9	29.4
1709	GSH2767	5	447579	4793554	2	180	32	0.42	10.7	4.1
1709	GSH2767	6	447579	4793554	2	225	32	0.42	10.8	4.1
1709	GSH2767	7	447579	4793554	2	270	32	0.42	10.8	4.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1709	GSH2767	8	447579	4793554	2	315	32	0.42	10.8	4.1
1443	GSH2768	1	449232	4794036	2	0	33	0.44	11.8	4.5
1443	GSH2768	2	449232	4794036	2	45	34	0.44	11.9	4.5
1443	GSH2768	3	449232	4794036	2	90	34	0.45	11.9	4.5
1443	GSH2768	4	449232	4794036	2	135	34	0.44	11.8	4.5
1443	GSH2768	5	449232	4794036	2	180	25	0.33	6.7	2.6
1443	GSH2768	6	449232	4794036	2	225	25	0.33	6.7	2.6
1443	GSH2768	7	449232	4794036	2	270	26	0.33	6.7	2.6
1443	GSH2768	8	449232	4794036	2	315	25	0.33	6.7	2.6
27	GSH2772	1	447181	4794729	2	0	55	0.42	19.9	7.6
27	GSH2772	5	447181	4794729	2	180	40	0.51	16.2	6.2
27	GSH2772	6	447181	4794729	2	225	95	0.51	36.3	13.9
27	GSH2772	7	447181	4794729	2	270	95	0.51	36.4	13.9
27	GSH2772	8	447181	4794729	2	315	95	0.51	36.3	13.9
301	GSH2773	2	447272	4794151	2	45	60	0.47	24.8	9.5
301	GSH2773	3	447272	4794151	2	90	59	0.47	24.9	9.5
301	GSH2773	4	447272	4794151	2	135	66	0.91	49.4	18.9
301	GSH2773	5	447272	4794151	2	180	66	0.91	49.5	18.9
301	GSH2773	6	447272	4794151	2	225	66	0.45	24.6	9.4
301	GSH2773	7	447272	4794151	2	270	66	0.45	24.6	9.4
28	GSH2776	1	448910	4796099	2	0	47	0.41	14.8	5.7
28	GSH2776	6	448910	4796099	2	225	47	0.41	14.9	5.7
28	GSH2776	7	448910	4796099	2	270	47	0.43	15	5.7
28	GSH2776	8	448910	4796099	2	315	47	0.43	15	5.7
857	GSH2777	5	448814	4796861	2	180	32	0.39	10.1	3.9
857	GSH2777	6	448814	4796861	2	225	32	0.39	10.1	3.9
857	GSH2777	7	448814	4796861	2	270	32	0.39	10.1	3.9
857	GSH2777	8	448814	4796861	2	315	32	0.39	10.1	3.9
580	GSH2780	2	446976	4796403	2	45	38	0.48	14	5.3
580	GSH2780	3	446976	4796403	2	90	38	0.48	14.1	5.4
580	GSH2780	4	446976	4796403	2	135	38	0.48	14	5.3
580	GSH2780	5	446976	4796403	2	180	38	0.48	14	5.3
583	GSH2791	1	446169	4801841	2	0	55	0.59	25.1	9.6
583	GSH2791	2	446169	4801841	2	45	55	0.59	25.3	9.7
583	GSH2791	3	446169	4801841	2	90	55	0.6	25.3	9.7
583	GSH2791	4	446169	4801841	2	135	56	0.59	25.2	9.6
860	GSH2792	1	446102	4802709	2	0	67	0.39	22.9	8.7
860	GSH2792	2	446102	4802709	2	45	67	0.39	23	8.8
860	GSH2792	3	446102	4802709	2	90	67	0.39	23	8.8
860	GSH2792	4	446102	4802709	2	135	67	0.39	22.8	8.7
1444	GSH2793	1	447891	4803358	2	0	77	0.98	44.1	16.8
1444	GSH2793	2	447891	4803358	2	45	60	0.57	26.5	10.1
1444	GSH2793	3	447891	4803358	2	90	60	0.57	26.5	10.1
1444	GSH2793	4	447891	4803358	2	135	60	0.57	26.5	10.1
1444	GSH2793	6	447891	4803358	2	225	47	0.51	17.8	6.8
1444	GSH2793	7	447891	4803358	2	270	46	0.51	17.8	6.8
1444	GSH2793	8	447891	4803358	2	315	47	0.51	17.9	6.8
861	GSH2794	2	448013	4802577	2	45	47	0.45	16.8	6.4
861	GSH2794	3	448013	4802577	2	90	49	0.46	16.9	6.5
861	GSH2794	4	448013	4802577	2	135	49	0.46	16.9	6.5
861	GSH2794	5	448013	4802577	2	180	75	0.46	24	9.2
861	GSH2794	6	448013	4802577	2	225	28	0.34	7.2	2.8
861	GSH2794	7	448013	4802577	2	270	28	0.34	7.2	2.8
861	GSH2794	8	448013	4802577	2	315	28	0.34	7.2	2.8
303	GSH2795	2	448045	4802358	2	45	38	0.48	14.3	5.5
303	GSH2795	3	448045	4802358	2	90	38	0.48	14.3	5.5
303	GSH2795	4	448045	4802358	2	135	38	0.48	14.3	5.5
303	GSH2795	5	448045	4802358	2	180	66	0.48	21.4	8.2
303	GSH2795	6	448045	4802358	2	225	27	0.34	7.2	2.8
303	GSH2795	7	448045	4802358	2	270	27	0.34	7.2	2.8
303	GSH2795	8	448045	4802358	2	315	27	0.34	7.2	2.8
862	GSH2796	1	447883	4803520	2	0	46	0.58	21.5	8.2
862	GSH2796	2	447883	4803520	2	45	46	0.59	21.7	8.3
862	GSH2796	3	447883	4803520	2	90	46	0.59	21.7	8.3
862	GSH2796	4	447883	4803520	2	135	46	0.59	21.6	8.3
862	GSH2796	5	447883	4803520	2	180	40	0.5	15.7	6.0
862	GSH2796	6	447883	4803520	2	225	40	0.5	15.8	6.0
862	GSH2796	7	447883	4803520	2	270	40	0.5	15.8	6.0
862	GSH2796	8	447883	4803520	2	315	40	0.5	15.8	6.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1445	GSH2797	2	447849	4803711	2	45	44	0.57	19.5	7.4
1445	GSH2797	3	447849	4803711	2	90	44	0.57	19.6	7.5
1445	GSH2797	4	447849	4803711	2	135	44	0.57	19.6	7.5
1445	GSH2797	5	447849	4803711	2	180	48	1.05	34.6	13.2
1445	GSH2797	6	447849	4803711	2	225	38	0.5	15.2	5.8
1445	GSH2797	7	447849	4803711	2	270	38	0.5	15.2	5.8
1445	GSH2797	8	447849	4803711	2	315	38	0.5	15.1	5.8
587	GSH2815	1	445828	4803092	2	0	26	0.34	7.1	2.7
587	GSH2815	2	445828	4803092	2	45	27	0.34	7.1	2.7
587	GSH2815	3	445828	4803092	2	90	27	0.34	7.1	2.7
587	GSH2815	4	445828	4803092	2	135	26	0.34	7.1	2.7
1446	GSH2819	2	445989	4802260	2	45	41	0.49	15.6	6.0
1446	GSH2819	3	445989	4802260	2	90	41	0.49	15.6	6.0
1446	GSH2819	4	445989	4802260	2	135	41	0.49	15.6	6.0
1446	GSH2819	5	445989	4802260	2	180	41	0.49	15.6	6.0
866	GSH2858	2	444676	4796748	2	45	75	0.48	28.8	11.0
866	GSH2858	3	444676	4796748	2	90	75	0.48	28.9	11.0
866	GSH2858	4	444676	4796748	2	135	75	0.48	28.9	11.0
866	GSH2858	5	444676	4796748	2	180	75	0.48	28.8	11.0
1715	GSH2859	2	444380	4796698	2	45	38	0.37	11	4.2
1715	GSH2859	3	444380	4796698	2	90	38	0.37	11.1	4.2
1715	GSH2859	4	444380	4796698	2	135	38	0.37	11.1	4.2
1715	GSH2859	5	444380	4796698	2	180	38	0.37	11	4.2
1448	GSH2861	2	446814	4796332	2	45	31	0.41	10.1	3.9
1448	GSH2861	3	446814	4796332	2	90	31	0.41	10.1	3.9
1448	GSH2861	4	446814	4796332	2	135	31	0.41	10.1	3.9
1448	GSH2861	5	446814	4796332	2	180	31	0.41	10.1	3.9
591	GSH2862	1	446926	4795546	2	0	81	0.65	33.4	12.8
591	GSH2862	2	446926	4795546	2	45	82	0.66	33.7	12.9
591	GSH2862	3	446926	4795546	2	90	81	0.66	33.6	12.8
591	GSH2862	4	446926	4795546	2	135	81	0.65	33.5	12.8
591	GSH2862	5	446926	4795546	2	180	66	0.49	22.3	8.5
591	GSH2862	6	446926	4795546	2	225	66	0.49	22.4	8.6
591	GSH2862	7	446926	4795546	2	270	66	0.49	22.4	8.6
591	GSH2862	8	446926	4795546	2	315	65	0.49	22.3	8.5
592	GSH2863	1	446968	4795176	2	0	29	0.34	7.5	2.9
592	GSH2863	5	446968	4795176	2	180	116	0.55	47.5	18.1
592	GSH2863	6	446968	4795176	2	225	128	0.73	55.3	21.1
592	GSH2863	7	446968	4795176	2	270	128	0.73	55.3	21.1
592	GSH2863	8	446968	4795176	2	315	128	0.73	55.1	21.0
1162	GSH2864	1	447005	4794947	2	0	60	0.51	22.2	8.5
1162	GSH2864	5	447005	4794947	2	180	46	0.59	21.6	8.3
1162	GSH2864	6	447005	4794947	2	225	106	0.59	43.8	16.7
1162	GSH2864	7	447005	4794947	2	270	106	0.59	43.9	16.8
1162	GSH2864	8	447005	4794947	2	315	106	0.59	43.7	16.7
1449	GSH2865	1	447038	4794743	2	0	33	0.34	8.9	3.4
1449	GSH2865	5	447038	4794743	2	180	48	0.61	22.9	8.7
1449	GSH2865	6	447038	4794743	2	225	81	0.61	32	12.2
1449	GSH2865	7	447038	4794743	2	270	82	0.61	32.1	12.3
1449	GSH2865	8	447038	4794743	2	315	81	0.61	32	12.2
306	GSH2866	1	447076	4794527	2	0	71	0.57	29.8	11.4
306	GSH2866	5	447076	4794527	2	180	26	0.33	6.7	2.6
306	GSH2866	6	447076	4794527	2	225	97	0.57	36.5	13.9
306	GSH2866	7	447076	4794527	2	270	98	0.57	36.8	14.1
306	GSH2866	8	447076	4794527	2	315	97	0.57	36.7	14.0
1163	GSH2867	1	445146	4794872	2	0	114	0.69	59.1	22.6
1163	GSH2867	2	445146	4794872	2	45	143	0.69	67.3	25.7
1163	GSH2867	3	445146	4794872	2	90	144	0.69	67.4	25.7
1163	GSH2867	4	445146	4794872	2	135	151	0.69	67.5	25.8
1163	GSH2867	5	445146	4794872	2	180	37	0.35	8.5	3.2
1163	GSH2867	6	445146	4794872	2	225	9	0.09	0.6	0.2
1163	GSH2867	7	445146	4794872	2	270	8	0.08	0.5	0.2
31	GSH2868	2	445018	4795341	2	45	55	0.61	25.9	9.9
31	GSH2868	3	445018	4795341	2	90	55	0.61	26	9.9
31	GSH2868	4	445018	4795341	2	135	55	0.61	26	9.9
31	GSH2868	5	445018	4795341	2	180	55	0.61	25.8	9.9
2000	GSH2870	1	444900	4794847	2	0	78	0.5	26.6	10.2
2000	GSH2870	2	444900	4794847	2	45	78	0.5	26.8	10.2
2000	GSH2870	3	444900	4794847	2	90	78	0.5	26.8	10.2

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2000	GSH2870	4	444900	4794847	2	135	78	0.5	26.7	10.2
1716	GSH2873	1	444871	4795276	2	0	50	0.48	19.6	7.5
1716	GSH2873	2	444871	4795276	2	45	90	0.51	35.5	13.6
1716	GSH2873	3	444871	4795276	2	90	90	0.51	35.6	13.6
1716	GSH2873	4	444871	4795276	2	135	90	0.51	35.4	13.5
1716	GSH2873	5	444871	4795276	2	180	40	0.51	15.8	6.0
1450	GSH2874	1	444821	4795587	2	0	47	0.55	19.8	7.6
1450	GSH2874	2	444821	4795587	2	45	106	0.55	40.9	15.6
1450	GSH2874	3	444821	4795587	2	90	106	0.55	41.1	15.7
1450	GSH2874	4	444821	4795587	2	135	107	0.55	41	15.7
1450	GSH2874	5	444821	4795587	2	180	59	0.47	21	8.0
307	GSH2877	2	447192	4793737	2	45	40	0.52	16.4	6.3
307	GSH2877	3	447192	4793737	2	90	40	0.52	16.4	6.3
307	GSH2877	4	447192	4793737	2	135	40	0.52	16.4	6.3
307	GSH2877	5	447192	4793737	2	180	66	0.99	39	14.9
307	GSH2877	6	447192	4793737	2	225	49	0.6	22.8	8.7
307	GSH2877	7	447192	4793737	2	270	49	0.6	22.8	8.7
307	GSH2877	8	447192	4793737	2	315	49	0.6	22.7	8.7
2001	GSH2878	1	447213	4793546	2	0	42	0.52	17.2	6.6
2001	GSH2878	2	447213	4793546	2	45	42	0.53	17.3	6.6
2001	GSH2878	3	447213	4793546	2	90	42	0.53	17.4	6.6
2001	GSH2878	4	447213	4793546	2	135	42	0.53	17.3	6.6
2001	GSH2878	5	447213	4793546	2	180	50	0.63	24.5	9.4
2001	GSH2878	6	447213	4793546	2	225	50	0.63	24.7	9.4
2001	GSH2878	7	447213	4793546	2	270	50	0.63	24.7	9.4
2001	GSH2878	8	447213	4793546	2	315	50	0.63	24.7	9.4
308	GSH2880	1	445300	4793244	2	0	26	0.33	6.7	2.6
308	GSH2880	2	445300	4793244	2	45	26	0.33	6.7	2.6
308	GSH2880	3	445300	4793244	2	90	26	0.33	6.7	2.6
308	GSH2880	4	445300	4793244	2	135	26	0.33	6.7	2.6
1165	GSH2881	1	445181	4794137	2	0	31	0.34	8.2	3.1
1165	GSH2881	2	445181	4794137	2	45	46	0.61	22.3	8.5
1165	GSH2881	3	445181	4794137	2	90	46	0.61	22.4	8.6
1165	GSH2881	4	445181	4794137	2	135	77	0.61	30.6	11.7
1165	GSH2881	5	445181	4794137	2	180	56	1.06	37.4	14.3
1165	GSH2881	6	445181	4794137	2	225	39	0.5	15.3	5.8
1165	GSH2881	7	445181	4794137	2	270	39	0.5	15.3	5.8
1165	GSH2881	8	445181	4794137	2	315	39	0.5	15.2	5.8
33	GSH2885	1	443361	4792560	2	0	52	0.65	26.7	10.2
33	GSH2885	2	443361	4792560	2	45	52	0.66	26.9	10.3
33	GSH2885	3	443361	4792560	2	90	52	0.66	26.9	10.3
33	GSH2885	4	443361	4792560	2	135	52	0.65	26.8	10.2
33	GSH2885	5	443361	4792560	2	180	76	0.78	46.6	17.8
33	GSH2885	6	443361	4792560	2	225	76	0.79	46.8	17.9
33	GSH2885	7	443361	4792560	2	270	76	0.79	46.7	17.8
33	GSH2885	8	443361	4792560	2	315	76	0.79	46.5	17.8
1166	GSH2886	5	444414	4792693	2	180	81	0.91	56.8	21.7
1166	GSH2886	6	444414	4792693	2	225	81	0.91	57.2	21.9
1166	GSH2886	7	444414	4792693	2	270	81	0.91	57.4	21.9
1166	GSH2886	8	444414	4792693	2	315	81	0.91	57.3	21.9
1451	GSH2887	2	445038	4792776	2	45	65	0.36	20.1	7.7
1451	GSH2887	3	445038	4792776	2	90	65	0.36	20.2	7.7
1451	GSH2887	4	445038	4792776	2	135	65	0.36	20.2	7.7
1451	GSH2887	5	445038	4792776	2	180	96	0.39	29.8	11.4
1451	GSH2887	6	445038	4792776	2	225	31	0.39	9.7	3.7
1451	GSH2887	7	445038	4792776	2	270	31	0.4	9.7	3.7
1451	GSH2887	8	445038	4792776	2	315	31	0.4	9.7	3.7
593	GSH2888	1	445096	4792647	2	0	32	0.38	9.6	3.7
593	GSH2888	2	445096	4792647	2	45	46	0.38	13.5	5.2
593	GSH2888	3	445096	4792647	2	90	46	0.38	13.6	5.2
593	GSH2888	4	445096	4792647	2	135	46	0.38	13.6	5.2
593	GSH2888	5	445096	4792647	2	180	46	0.38	13.5	5.2
593	GSH2888	6	445096	4792647	2	225	33	0.38	9.7	3.7
593	GSH2888	7	445096	4792647	2	270	33	0.38	9.7	3.7
593	GSH2888	8	445096	4792647	2	315	33	0.38	9.7	3.7
1452	GSH2892	2	445391	4792618	2	45	77	0.49	29.4	11.2
1452	GSH2892	3	445391	4792618	2	90	77	0.49	29.5	11.3
1452	GSH2892	4	445391	4792618	2	135	77	0.49	29.6	11.3
1452	GSH2892	5	445391	4792618	2	180	77	0.49	29.5	11.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
34	GSH2894	1	445749	4792714	2	0	10	0.1	0.8	0.3
34	GSH2894	2	445749	4792714	2	45	11	0.11	0.9	0.3
34	GSH2894	3	445749	4792714	2	90	10	0.11	0.9	0.3
34	GSH2894	4	445749	4792714	2	135	10	0.1	0.7	0.3
594	GSH2895	2	445406	4792710	2	45	43	0.41	14.4	5.5
594	GSH2895	3	445406	4792710	2	90	43	0.42	14.6	5.6
594	GSH2895	4	445406	4792710	2	135	43	0.42	14.6	5.6
594	GSH2895	5	445406	4792710	2	180	43	0.42	14.5	5.5
35	GSH2897	1	446572	4790890	2	0	53	0.71	30.5	11.7
35	GSH2897	2	446572	4790890	2	45	78	0.84	50.8	19.4
35	GSH2897	3	446572	4790890	2	90	78	0.84	51.1	19.5
35	GSH2897	4	446572	4790890	2	135	78	0.84	51.2	19.6
35	GSH2897	5	446572	4790890	2	180	78	0.84	50.9	19.4
35	GSH2897	6	446572	4790890	2	225	53	0.74	30.8	11.8
35	GSH2897	7	446572	4790890	2	270	53	0.72	30.8	11.8
35	GSH2897	8	446572	4790890	2	315	53	0.74	30.8	11.8
36	GSH2898	1	445212	4792335	2	0	49	0.36	13.5	5.2
36	GSH2898	2	445212	4792335	2	45	34	0.43	11.4	4.4
36	GSH2898	3	445212	4792335	2	90	34	0.43	11.5	4.4
36	GSH2898	4	445212	4792335	2	135	34	0.43	11.5	4.4
36	GSH2898	5	445212	4792335	2	180	34	0.43	11.4	4.4
36	GSH2898	6	445212	4792335	2	225	49	0.36	13.5	5.2
36	GSH2898	7	445212	4792335	2	270	49	0.36	13.6	5.2
36	GSH2898	8	445212	4792335	2	315	49	0.36	13.6	5.2
1717	GSH2902	1	445437	4791470	2	0	38	0.48	14.3	5.5
1717	GSH2902	2	445437	4791470	2	45	103	0.48	41.9	16.0
1717	GSH2902	3	445437	4791470	2	90	103	0.48	42.1	16.1
1717	GSH2902	4	445437	4791470	2	135	103	0.48	42.1	16.1
1717	GSH2902	5	445437	4791470	2	180	65	0.47	27.6	10.5
867	GSH2906	1	443374	4792373	2	0	79	0.64	37.9	14.5
867	GSH2906	2	443374	4792373	2	45	78	0.64	38.1	14.6
867	GSH2906	3	443374	4792373	2	90	78	0.64	38.1	14.6
867	GSH2906	4	443374	4792373	2	135	79	0.64	38	14.5
867	GSH2906	5	443374	4792373	2	180	69	0.88	47.2	18.0
867	GSH2906	6	443374	4792373	2	225	69	0.88	47.5	18.1
867	GSH2906	7	443374	4792373	2	270	69	0.88	47.5	18.1
867	GSH2906	8	443374	4792373	2	315	69	0.88	47.4	18.1
1453	GSH2907	5	447627	4790892	2	180	50	0.65	25.2	9.6
1453	GSH2907	6	447627	4790892	2	225	50	0.65	25.4	9.7
1453	GSH2907	7	447627	4790892	2	270	50	0.65	25.4	9.7
1453	GSH2907	8	447627	4790892	2	315	50	0.65	25.3	9.7
2002	GSH2908	1	447675	4790500	2	0	69	0.64	37.6	14.4
2002	GSH2908	6	447675	4790500	2	225	69	0.64	37.6	14.4
2002	GSH2908	7	447675	4790500	2	270	69	0.64	37.7	14.4
2002	GSH2908	8	447675	4790500	2	315	69	0.64	37.7	14.4
2005	GSH2915	1	441539	4790651	2	0	60	0.65	30.9	11.8
2005	GSH2915	2	441539	4790651	2	45	60	0.66	31	11.8
2005	GSH2915	3	441539	4790651	2	90	60	0.66	31.1	11.9
2005	GSH2915	4	441539	4790651	2	135	60	0.66	31	11.8
868	GSH2919	5	443390	4791133	2	180	26	0.33	6.8	2.6
868	GSH2919	6	443390	4791133	2	225	26	0.33	6.8	2.6
868	GSH2919	7	443390	4791133	2	270	26	0.33	6.8	2.6
868	GSH2919	8	443390	4791133	2	315	26	0.33	6.8	2.6
1455	GSH2922	1	443187	4792335	2	0	48	0.5	18.6	7.1
1455	GSH2922	2	443187	4792335	2	45	48	0.5	18.7	7.1
1455	GSH2922	3	443187	4792335	2	90	48	0.5	18.7	7.1
1455	GSH2922	4	443187	4792335	2	135	48	0.5	18.7	7.1
1455	GSH2922	5	443187	4792335	2	180	115	1.45	129.9	49.6
1455	GSH2922	6	443187	4792335	2	225	115	1.45	130.7	49.9
1455	GSH2922	7	443187	4792335	2	270	115	1.45	130.9	50.0
1455	GSH2922	8	443187	4792335	2	315	115	1.45	130.5	49.9
310	GSH2923	2	441502	4791004	2	45	51	0.64	25.8	9.9
310	GSH2923	3	441502	4791004	2	90	51	0.64	25.9	9.9
310	GSH2923	4	441502	4791004	2	135	51	0.64	25.9	9.9
310	GSH2923	5	441502	4791004	2	180	51	0.63	25.8	9.9
311	GSH2931	2	441315	4790996	2	45	40	0.5	15.9	6.1
311	GSH2931	3	441315	4790996	2	90	40	0.51	16	6.1
311	GSH2931	4	441315	4790996	2	135	40	0.5	16	6.1
311	GSH2931	5	441315	4790996	2	180	41	0.5	15.9	6.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
312	GSH2938	2	446113	4802214	2	45	46	0.57	20.4	7.8
312	GSH2938	3	446113	4802214	2	90	46	0.57	20.5	7.8
312	GSH2938	4	446113	4802214	2	135	46	0.57	20.5	7.8
312	GSH2938	5	446113	4802214	2	180	46	0.57	20.4	7.8
313	GSH2945	2	444970	4794218	2	45	37	0.47	13.8	5.3
313	GSH2945	3	444970	4794218	2	90	37	0.48	13.9	5.3
313	GSH2945	4	444970	4794218	2	135	37	0.48	13.9	5.3
313	GSH2945	5	444970	4794218	2	180	50	1.1	38.3	14.6
313	GSH2945	6	444970	4794218	2	225	50	0.63	24.7	9.4
313	GSH2945	7	444970	4794218	2	270	50	0.63	24.7	9.4
313	GSH2945	8	444970	4794218	2	315	50	0.63	24.6	9.4
870	GSH2947	5	455120	4796643	2	180	34	0.41	10.8	4.1
870	GSH2947	6	455120	4796643	2	225	34	0.41	10.8	4.1
870	GSH2947	7	455120	4796643	2	270	34	0.41	10.9	4.2
870	GSH2947	8	455120	4796643	2	315	34	0.41	10.8	4.1
314	GSH2949	1	451542	4797688	2	0	42	0.5	16.9	6.5
314	GSH2949	2	451542	4797688	2	45	42	0.51	17	6.5
314	GSH2949	3	451542	4797688	2	90	42	0.51	17	6.5
314	GSH2949	4	451542	4797688	2	135	42	0.51	16.9	6.5
1170	GSH2950	1	451374	4793821	2	0	47	0.36	13.3	5.1
1170	GSH2950	6	451374	4793821	2	225	47	0.36	13.3	5.1
1170	GSH2950	7	451374	4793821	2	270	47	0.36	13.4	5.1
1170	GSH2950	8	451374	4793821	2	315	47	0.36	13.4	5.1
1456	GSH2955	2	447776	4790935	2	45	28	0.35	8	3.1
1456	GSH2955	3	447776	4790935	2	90	28	0.35	8	3.1
1456	GSH2955	4	447776	4790935	2	135	28	0.35	8	3.1
1456	GSH2955	5	447776	4790935	2	180	69	0.53	24.7	9.4
1456	GSH2955	6	447776	4790935	2	225	41	0.53	16.9	6.5
1456	GSH2955	7	447776	4790935	2	270	41	0.53	16.9	6.5
1456	GSH2955	8	447776	4790935	2	315	41	0.53	16.8	6.4
316	GSH2959	5	451792	4806090	2	180	74	0.43	27	10.3
316	GSH2959	6	451792	4806090	2	225	74	0.43	27.1	10.4
316	GSH2959	7	451792	4806090	2	270	74	0.43	27	10.3
316	GSH2959	8	451792	4806090	2	315	74	0.43	26.9	10.3
317	GSH2963	5	451445	4794253	2	180	26	0.34	6.9	2.6
317	GSH2963	6	451445	4794253	2	225	27	0.34	7	2.7
317	GSH2963	7	451445	4794253	2	270	27	0.34	7	2.7
317	GSH2963	8	451445	4794253	2	315	27	0.34	7	2.7
872	GSH3007	1	451623	4792852	2	0	93	0.62	39	14.9
872	GSH3007	2	451623	4792852	2	45	140	0.62	58.6	22.4
872	GSH3007	3	451623	4792852	2	90	140	0.62	58.7	22.4
872	GSH3007	4	451623	4792852	2	135	141	0.62	58.6	22.4
872	GSH3007	5	451623	4792852	2	180	89	0.75	39	14.9
872	GSH3007	6	451623	4792852	2	225	60	0.43	19.6	7.5
872	GSH3007	7	451623	4792852	2	270	60	0.43	19.6	7.5
872	GSH3007	8	451623	4792852	2	315	60	0.43	19.5	7.4
873	GSH3008	1	453149	4795962	2	0	77	0.4	25.6	9.8
873	GSH3008	2	453149	4795962	2	45	126	0.43	43.5	16.6
873	GSH3008	3	453149	4795962	2	90	126	0.43	43.5	16.6
873	GSH3008	4	453149	4795962	2	135	126	0.43	43.4	16.6
873	GSH3008	5	453149	4795962	2	180	49	0.43	17.8	6.8
2008	GSH3022	1	451509	4792982	2	0	43	0.55	18.8	7.2
2008	GSH3022	2	451509	4792982	2	45	103	0.55	39.5	15.1
2008	GSH3022	3	451509	4792982	2	90	103	0.55	39.7	15.2
2008	GSH3022	4	451509	4792982	2	135	130	0.55	45.7	17.5
2008	GSH3022	5	451509	4792982	2	180	87	0.45	26.8	10.2
2008	GSH3022	6	451509	4792982	2	225	27	0.29	6.2	2.4
2008	GSH3022	7	451509	4792982	2	270	27	0.28	6.2	2.4
2009	GSH3051	5	446180	4796960	2	180	78	0.48	30.4	11.6
2009	GSH3051	6	446180	4796960	2	225	78	0.48	30.5	11.7
2009	GSH3051	7	446180	4796960	2	270	78	0.48	30.5	11.7
2009	GSH3051	8	446180	4796960	2	315	78	0.48	30.4	11.6
1173	GSH3067	1	441275	4788022	2	0	76	0.39	24.5	9.4
1173	GSH3067	6	441275	4788022	2	225	76	0.39	24.5	9.4
1173	GSH3067	7	441275	4788022	2	270	76	0.39	24.6	9.4
1173	GSH3067	8	441275	4788022	2	315	76	0.39	24.6	9.4
599	GSH3068	1	438962	4789583	2	0	32	0.4	9.7	3.7
599	GSH3068	2	438962	4789583	2	45	31	0.4	9.7	3.7
599	GSH3068	3	438962	4789583	2	90	31	0.4	9.7	3.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
599	GSH3068	4	438962	4789583	2	135	63	0.4	16.9	6.5
599	GSH3068	5	438962	4789583	2	180	63	0.42	17.8	6.8
599	GSH3068	6	438962	4789583	2	225	64	0.42	17.9	6.8
599	GSH3068	7	438962	4789583	2	270	63	0.42	17.9	6.8
599	GSH3068	8	438962	4789583	2	315	32	0.42	10.7	4.1
1722	GSH3084	1	448237	4801796	2	0	82	0.55	40	15.3
1722	GSH3084	2	448237	4801796	2	45	136	0.63	66.5	25.4
1722	GSH3084	3	448237	4801796	2	90	136	0.63	66.6	25.4
1722	GSH3084	4	448237	4801796	2	135	136	0.63	66.4	25.4
1722	GSH3084	5	448237	4801796	2	180	54	0.63	26.3	10.0
261	GSH3089	4	455603	4793978	2	135	35	0.38	10.7	4.1
261	GSH3089	5	455603	4793978	2	180	35	0.38	10.8	4.1
261	GSH3089	6	455603	4793978	2	225	35	0.38	10.8	4.1
261	GSH3089	7	455603	4793978	2	270	35	0.38	10.8	4.1
1407	GSH3090	4	455605	4794009	2	135	19	0.22	3.4	1.3
1407	GSH3090	5	455605	4794009	2	180	20	0.22	3.5	1.3
1407	GSH3090	6	455605	4794009	2	225	20	0.23	3.6	1.4
1407	GSH3090	7	455605	4794009	2	270	20	0.23	3.5	1.3
1411	GSH3104	4	455821	4794182	2	135	28	0.27	6	2.3
1411	GSH3104	5	455821	4794182	2	180	28	0.27	6	2.3
1411	GSH3104	6	455821	4794182	2	225	28	0.27	6.1	2.3
1411	GSH3104	7	455821	4794182	2	270	28	0.27	6	2.3
812	GSH3105	4	455810	4794181	2	135	24	0.24	4.5	1.7
812	GSH3105	5	455810	4794181	2	180	24	0.24	4.6	1.8
812	GSH3105	6	455810	4794181	2	225	24	0.24	4.6	1.8
812	GSH3105	7	455810	4794181	2	270	24	0.24	4.6	1.8
1665	GSH3106	4	455801	4794182	2	135	19	0.19	2.9	1.1
1665	GSH3106	5	455801	4794182	2	180	19	0.2	3	1.1
1665	GSH3106	6	455801	4794182	2	225	19	0.2	3	1.1
1665	GSH3106	7	455801	4794182	2	270	19	0.2	3	1.1
813	GSH3108	4	455781	4794179	2	135	5	0.05	0.2	0.1
813	GSH3108	5	455781	4794179	2	180	6	0.06	0.3	0.1
813	GSH3108	6	455781	4794179	2	225	7	0.07	0.3	0.1
813	GSH3108	7	455781	4794179	2	270	6	0.06	0.3	0.1
2261	GSH3110	4	455901	4794234	2	135	34	0.3	8.3	3.2
2261	GSH3110	5	455901	4794234	2	180	34	0.3	8.4	3.2
2261	GSH3110	6	455901	4794234	2	225	34	0.3	8.4	3.2
2261	GSH3110	7	455901	4794234	2	270	34	0.3	8.4	3.2
2262	GSH3111	4	455919	4794176	2	135	53	0.37	17.2	6.6
2262	GSH3111	5	455919	4794176	2	180	54	0.37	17.3	6.6
2262	GSH3111	6	455919	4794176	2	225	54	0.37	17.3	6.6
2262	GSH3111	7	455919	4794176	2	270	54	0.37	17.3	6.6
534	GSH3112	4	455881	4794176	2	135	46	0.37	14.1	5.4
534	GSH3112	5	455881	4794176	2	180	46	0.37	14.2	5.4
534	GSH3112	6	455881	4794176	2	225	46	0.37	14.2	5.4
534	GSH3112	7	455881	4794176	2	270	46	0.37	14.2	5.4
264	GSH3113	4	455840	4794187	2	135	32	0.3	7.8	3.0
264	GSH3113	5	455840	4794187	2	180	32	0.3	7.9	3.0
264	GSH3113	6	455840	4794187	2	225	32	0.3	7.9	3.0
264	GSH3113	7	455840	4794187	2	270	32	0.3	7.9	3.0
1666	GSH3114	4	455860	4794229	2	135	22	0.22	3.8	1.5
1666	GSH3114	5	455860	4794229	2	180	22	0.22	3.9	1.5
1666	GSH3114	6	455860	4794229	2	225	22	0.22	3.9	1.5
1666	GSH3114	7	455860	4794229	2	270	22	0.22	3.9	1.5
269	GSH3137	5	454779	4794100	2	180	47	0.56	20.7	7.9
269	GSH3137	6	454779	4794100	2	225	47	0.56	20.8	7.9
269	GSH3137	7	454779	4794100	2	270	47	0.56	20.8	7.9
269	GSH3137	8	454779	4794100	2	315	47	0.56	20.7	7.9
1959	GSH3138	5	454824	4794109	2	180	44	0.53	18.4	7.0
1959	GSH3138	6	454824	4794109	2	225	44	0.53	18.5	7.1
1959	GSH3138	7	454824	4794109	2	270	44	0.53	18.5	7.1
1959	GSH3138	8	454824	4794109	2	315	44	0.53	18.4	7.0
2263	GSH3139	5	455101	4794285	2	180	34	0.39	10.3	3.9
2263	GSH3139	6	455101	4794285	2	225	34	0.39	10.3	3.9
2263	GSH3139	7	455101	4794285	2	270	34	0.39	10.3	3.9
2263	GSH3139	8	455101	4794285	2	315	34	0.39	10.3	3.9
2274	GSH3197	2	445097	4792748	2	45	67	0.38	21.6	8.3
2274	GSH3197	3	445097	4792748	2	90	67	0.38	21.7	8.3
2274	GSH3197	4	445097	4792748	2	135	67	0.38	21.7	8.3

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2274	GSH3197	5	445097	4792748	2	180	97	0.38	30.5	11.7
2274	GSH3197	6	445097	4792748	2	225	31	0.38	9	3.4
2274	GSH3197	7	445097	4792748	2	270	31	0.38	9	3.4
2274	GSH3197	8	445097	4792748	2	315	31	0.38	9	3.4
1678	GSH3198	2	445141	4792744	2	45	64	0.39	21.9	8.4
1678	GSH3198	3	445141	4792744	2	90	63	0.39	22	8.4
1678	GSH3198	4	445141	4792744	2	135	63	0.39	22	8.4
1678	GSH3198	5	445141	4792744	2	180	94	0.39	30.4	11.6
1678	GSH3198	6	445141	4792744	2	225	30	0.37	8.5	3.2
1678	GSH3198	7	445141	4792744	2	270	30	0.37	8.5	3.2
1678	GSH3198	8	445141	4792744	2	315	30	0.37	8.5	3.2
824	GSH3199	1	445142	4792671	2	0	30	0.37	8.8	3.4
824	GSH3199	2	445142	4792671	2	45	58	0.39	17.1	6.5
824	GSH3199	3	445142	4792671	2	90	58	0.39	17.2	6.6
824	GSH3199	4	445142	4792671	2	135	58	0.39	17.2	6.6
824	GSH3199	5	445142	4792671	2	180	58	0.39	17.1	6.5
824	GSH3199	6	445142	4792671	2	225	30	0.37	8.8	3.4
824	GSH3199	7	445142	4792671	2	270	30	0.37	8.8	3.4
824	GSH3199	8	445142	4792671	2	315	30	0.37	8.8	3.4
541	GSH3200	2	445188	4792677	2	45	77	0.41	23.2	8.9
541	GSH3200	3	445188	4792677	2	90	77	0.41	23.3	8.9
541	GSH3200	4	445188	4792677	2	135	77	0.41	23.3	8.9
541	GSH3200	5	445188	4792677	2	180	107	0.41	31.3	12.0
541	GSH3200	6	445188	4792677	2	225	30	0.36	8.2	3.1
541	GSH3200	7	445188	4792677	2	270	30	0.36	8.2	3.1
541	GSH3200	8	445188	4792677	2	315	30	0.36	8.2	3.1
2275	GSH3201	1	445030	4792631	2	0	34	0.41	10.9	4.2
2275	GSH3201	2	445030	4792631	2	45	38	0.36	11	4.2
2275	GSH3201	3	445030	4792631	2	90	38	0.36	11.1	4.2
2275	GSH3201	4	445030	4792631	2	135	38	0.36	11.1	4.2
2275	GSH3201	5	445030	4792631	2	180	38	0.36	11	4.2
2275	GSH3201	6	445030	4792631	2	225	35	0.4	10.9	4.2
2275	GSH3201	7	445030	4792631	2	270	35	0.4	11	4.2
2275	GSH3201	8	445030	4792631	2	315	35	0.41	10.9	4.2
278	GSH3202	2	445200	4792750	2	45	57	0.41	19.4	7.4
278	GSH3202	3	445200	4792750	2	90	57	0.41	19.5	7.4
278	GSH3202	4	445200	4792750	2	135	57	0.41	19.5	7.4
278	GSH3202	5	445200	4792750	2	180	85	0.41	27.1	10.4
278	GSH3202	6	445200	4792750	2	225	28	0.35	7.7	2.9
278	GSH3202	7	445200	4792750	2	270	28	0.35	7.7	2.9
278	GSH3202	8	445200	4792750	2	315	28	0.35	7.7	2.9
1679	GSH3203	2	445226	4792753	2	45	53	0.41	17.8	6.8
1679	GSH3203	3	445226	4792753	2	90	53	0.41	17.9	6.8
1679	GSH3203	4	445226	4792753	2	135	53	0.41	17.9	6.8
1679	GSH3203	5	445226	4792753	2	180	79	0.41	25.1	9.6
1679	GSH3203	6	445226	4792753	2	225	26	0.34	7.3	2.8
1679	GSH3203	7	445226	4792753	2	270	27	0.34	7.3	2.8
1679	GSH3203	8	445226	4792753	2	315	26	0.34	7.3	2.8
279	GSH3204	2	445255	4792750	2	45	51	0.41	16.9	6.5
279	GSH3204	3	445255	4792750	2	90	51	0.41	17	6.5
279	GSH3204	4	445255	4792750	2	135	51	0.41	17	6.5
279	GSH3204	5	445255	4792750	2	180	79	0.41	24	9.2
279	GSH3204	6	445255	4792750	2	225	28	0.34	7.1	2.7
279	GSH3204	7	445255	4792750	2	270	28	0.34	7.2	2.8
279	GSH3204	8	445255	4792750	2	315	28	0.34	7.1	2.7
1119	GSH3205	2	445272	4792752	2	45	47	0.41	15.7	6.0
1119	GSH3205	3	445272	4792752	2	90	47	0.41	15.8	6.0
1119	GSH3205	4	445272	4792752	2	135	47	0.41	15.8	6.0
1119	GSH3205	5	445272	4792752	2	180	47	0.41	15.8	6.0
1418	GSH3206	2	445289	4792709	2	45	59	0.43	21	8.0
1418	GSH3206	3	445289	4792709	2	90	59	0.43	21.1	8.1
1418	GSH3206	4	445289	4792709	2	135	59	0.43	21.2	8.1
1418	GSH3206	5	445289	4792709	2	180	59	0.43	21.1	8.1
542	GSH3207	2	445364	4792769	2	45	23	0.25	4.5	1.7
542	GSH3207	3	445364	4792769	2	90	23	0.25	4.5	1.7
542	GSH3207	4	445364	4792769	2	135	23	0.25	4.6	1.8
542	GSH3207	5	445364	4792769	2	180	23	0.25	4.6	1.8
543	GSH3208	2	445339	4792766	2	45	31	0.32	8	3.1
543	GSH3208	3	445339	4792766	2	90	31	0.32	8	3.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
543	GSH3208	4	445339	4792766	2	135	31	0.32	8	3.1
543	GSH3208	5	445339	4792766	2	180	31	0.32	8	3.1
1419	GSH3212	2	445435	4792731	2	45	27	0.31	6.7	2.6
1419	GSH3212	3	445435	4792731	2	90	27	0.31	6.7	2.6
1419	GSH3212	4	445435	4792731	2	135	27	0.31	6.7	2.6
1419	GSH3212	5	445435	4792731	2	180	27	0.31	6.7	2.6
2276	GSH3213	2	445477	4792730	2	45	13	0.15	1.6	0.6
2276	GSH3213	3	445477	4792730	2	90	13	0.15	1.5	0.6
2276	GSH3213	4	445477	4792730	2	135	13	0.15	1.5	0.6
2276	GSH3213	5	445477	4792730	2	180	13	0.15	1.6	0.6
1121	GSH3214	2	445365	4792715	2	45	47	0.42	16.3	6.2
1121	GSH3214	3	445365	4792715	2	90	47	0.42	16.4	6.3
1121	GSH3214	4	445365	4792715	2	135	47	0.42	16.4	6.3
1121	GSH3214	5	445365	4792715	2	180	47	0.42	16.3	6.2
545	GSH3215	2	445374	4792676	2	45	61	0.45	22.9	8.7
545	GSH3215	3	445374	4792676	2	90	61	0.45	23	8.8
545	GSH3215	4	445374	4792676	2	135	61	0.45	23	8.8
545	GSH3215	5	445374	4792676	2	180	61	0.45	23	8.8
1681	GSH3216	2	445339	4792715	2	45	51	0.42	17.9	6.8
1681	GSH3216	3	445339	4792715	2	90	51	0.43	18	6.9
1681	GSH3216	4	445339	4792715	2	135	51	0.43	18	6.9
1681	GSH3216	5	445339	4792715	2	180	51	0.42	18	6.9
1682	GSH3217	2	445313	4792632	2	45	79	0.46	28.9	11.0
1682	GSH3217	3	445313	4792632	2	90	79	0.46	29.1	11.1
1682	GSH3217	4	445313	4792632	2	135	79	0.46	29.1	11.1
1682	GSH3217	5	445313	4792632	2	180	79	0.46	29	11.1
1122	GSH3218	2	445313	4792539	2	45	50	0.46	17.9	6.8
1122	GSH3218	3	445313	4792539	2	90	50	0.46	18	6.9
1122	GSH3218	4	445313	4792539	2	135	50	0.46	18	6.9
1122	GSH3218	5	445313	4792539	2	180	50	0.46	17.9	6.8
1967	GSH3219	2	445315	4792456	2	45	43	0.47	15.4	5.9
1967	GSH3219	3	445315	4792456	2	90	42	0.47	15.5	5.9
1967	GSH3219	4	445315	4792456	2	135	43	0.47	15.5	5.9
1967	GSH3219	5	445315	4792456	2	180	42	0.47	15.4	5.9
1123	GSH3220	2	445400	4792376	2	45	43	0.52	17.4	6.6
1123	GSH3220	3	445400	4792376	2	90	43	0.52	17.4	6.6
1123	GSH3220	4	445400	4792376	2	135	43	0.52	17.4	6.6
1123	GSH3220	5	445400	4792376	2	180	43	0.52	17.3	6.6
1420	GSH3221	2	445343	4792333	2	45	39	0.49	14.9	5.7
1420	GSH3221	3	445343	4792333	2	90	39	0.49	14.9	5.7
1420	GSH3221	4	445343	4792333	2	135	39	0.49	14.9	5.7
1420	GSH3221	5	445343	4792333	2	180	39	0.48	14.8	5.7
546	GSH3222	2	445337	4792366	2	45	39	0.48	14.9	5.7
546	GSH3222	3	445337	4792366	2	90	39	0.48	15	5.7
546	GSH3222	4	445337	4792366	2	135	39	0.48	15	5.7
546	GSH3222	5	445337	4792366	2	180	39	0.48	14.9	5.7
2277	GSH3223	2	445302	4792386	2	45	38	0.46	14.1	5.4
2277	GSH3223	3	445302	4792386	2	90	38	0.47	14.1	5.4
2277	GSH3223	4	445302	4792386	2	135	38	0.47	14.1	5.4
2277	GSH3223	5	445302	4792386	2	180	38	0.46	14	5.3
1124	GSH3224	1	445481	4792795	2	0	42	0.36	11.8	4.5
1124	GSH3224	2	445481	4792795	2	45	42	0.36	11.8	4.5
1124	GSH3224	3	445481	4792795	2	90	42	0.36	11.8	4.5
1124	GSH3224	4	445481	4792795	2	135	42	0.36	11.8	4.5
1968	GSH3225	1	445508	4792811	2	0	44	0.36	12.4	4.7
1968	GSH3225	2	445508	4792811	2	45	44	0.36	12.5	4.8
1968	GSH3225	3	445508	4792811	2	90	44	0.36	12.5	4.8
1968	GSH3225	4	445508	4792811	2	135	44	0.36	12.4	4.7
1683	GSH3226	1	445549	4792817	2	0	48	0.38	14.1	5.4
1683	GSH3226	2	445549	4792817	2	45	48	0.38	14.2	5.4
1683	GSH3226	3	445549	4792817	2	90	48	0.38	14.2	5.4
1683	GSH3226	4	445549	4792817	2	135	48	0.38	14.1	5.4
1684	GSH3227	1	445526	4792736	2	0	65	0.36	17.5	6.7
1684	GSH3227	2	445526	4792736	2	45	65	0.36	17.6	6.7
1684	GSH3227	3	445526	4792736	2	90	65	0.36	17.6	6.7
1684	GSH3227	4	445526	4792736	2	135	66	0.36	17.5	6.7
547	GSH3228	1	445560	4792731	2	0	74	0.37	22.6	8.6
547	GSH3228	2	445560	4792731	2	45	74	0.37	22.7	8.7
547	GSH3228	3	445560	4792731	2	90	74	0.37	22.7	8.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
547	GSH3228	4	445560	4792731	2	135	74	0.37	22.6	8.6
548	GSH3229	1	445577	4792709	2	0	66	0.37	22	8.4
548	GSH3229	2	445577	4792709	2	45	67	0.38	22.1	8.4
548	GSH3229	3	445577	4792709	2	90	66	0.37	22	8.4
548	GSH3229	4	445577	4792709	2	135	66	0.37	21.9	8.4
1969	GSH3230	1	445621	4792718	2	0	60	0.39	20.6	7.9
1969	GSH3230	2	445621	4792718	2	45	60	0.39	20.7	7.9
1969	GSH3230	3	445621	4792718	2	90	60	0.39	20.7	7.9
1969	GSH3230	4	445621	4792718	2	135	60	0.39	20.6	7.9
1970	GSH3231	1	445609	4792751	2	0	71	0.39	23.9	9.1
1970	GSH3231	2	445609	4792751	2	45	71	0.39	24	9.2
1970	GSH3231	3	445609	4792751	2	90	71	0.39	24	9.2
1970	GSH3231	4	445609	4792751	2	135	71	0.39	23.8	9.1
71	GSH339	2	446928	4796894	2	45	43	0.4	14.1	5.4
71	GSH339	3	446928	4796894	2	90	43	0.4	14.2	5.4
71	GSH339	4	446928	4796894	2	135	43	0.4	14.2	5.4
71	GSH339	5	446928	4796894	2	180	43	0.4	14.1	5.4
893	GSH340	2	446924	4796927	2	45	29	0.3	7.2	2.8
893	GSH340	3	446924	4796927	2	90	29	0.3	7.3	2.8
893	GSH340	4	446924	4796927	2	135	29	0.31	7.3	2.8
893	GSH340	5	446924	4796927	2	180	29	0.3	7.2	2.8
1194	GSH341	2	446730	4796612	2	45	34	0.38	10	3.8
1194	GSH341	3	446730	4796612	2	90	34	0.38	10	3.8
1194	GSH341	4	446730	4796612	2	135	34	0.38	10	3.8
1194	GSH341	5	446730	4796612	2	180	60	0.38	16.9	6.5
1194	GSH341	6	446730	4796612	2	225	26	0.34	7	2.7
1194	GSH341	7	446730	4796612	2	270	27	0.34	7	2.7
1194	GSH341	8	446730	4796612	2	315	26	0.34	7	2.7
1195	GSH342	2	446758	4796597	2	45	34	0.39	10.3	3.9
1195	GSH342	3	446758	4796597	2	90	34	0.39	10.4	4.0
1195	GSH342	4	446758	4796597	2	135	34	0.39	10.4	4.0
1195	GSH342	5	446758	4796597	2	180	60	0.39	17.1	6.5
1195	GSH342	6	446758	4796597	2	225	26	0.34	6.8	2.6
1195	GSH342	7	446758	4796597	2	270	26	0.34	6.8	2.6
1195	GSH342	8	446758	4796597	2	315	26	0.34	6.8	2.6
894	GSH343	1	446797	4796152	2	0	62	0.4	17.8	6.8
894	GSH343	2	446797	4796152	2	45	96	0.47	37	14.1
894	GSH343	3	446797	4796152	2	90	96	0.48	37.1	14.2
894	GSH343	4	446797	4796152	2	135	96	0.48	37.1	14.2
894	GSH343	5	446797	4796152	2	180	91	0.47	34	13.0
894	GSH343	6	446797	4796152	2	225	57	0.34	14.8	5.7
894	GSH343	7	446797	4796152	2	270	56	0.34	14.7	5.6
894	GSH343	8	446797	4796152	2	315	57	0.34	14.7	5.6
82	GSH344	1	446860	4796191	2	0	33	0.42	10.8	4.1
82	GSH344	2	446860	4796191	2	45	72	0.42	24.1	9.2
82	GSH344	3	446860	4796191	2	90	72	0.42	24.3	9.3
82	GSH344	4	446860	4796191	2	135	72	0.42	24.2	9.2
82	GSH344	5	446860	4796191	2	180	39	0.42	13.3	5.1
1764	GSH345	1	447175	4796071	2	0	54	0.59	25	9.6
1764	GSH345	2	447175	4796071	2	45	95	0.59	42.7	16.3
1764	GSH345	3	447175	4796071	2	90	95	0.59	42.8	16.3
1764	GSH345	4	447175	4796071	2	135	95	0.59	42.8	16.3
1764	GSH345	5	447175	4796071	2	180	41	0.53	17.8	6.8
516	GSH3451	1	448468	4799873	2	0	57	0.47	22.7	8.7
516	GSH3451	2	448468	4799873	2	45	57	0.47	22.8	8.7
516	GSH3451	3	448468	4799873	2	90	57	0.47	22.7	8.7
516	GSH3451	4	448468	4799873	2	135	57	0.47	22.6	8.6
1087	GSH3452	1	448495	4799859	2	0	43	0.41	14.6	5.6
1087	GSH3452	2	448495	4799859	2	45	43	0.42	14.6	5.6
1087	GSH3452	3	448495	4799859	2	90	43	0.42	14.6	5.6
1087	GSH3452	4	448495	4799859	2	135	43	0.41	14.5	5.5
249	GSH3454	1	448391	4799807	2	0	55	0.43	19.8	7.6
249	GSH3454	2	448391	4799807	2	45	55	0.43	19.9	7.6
249	GSH3454	3	448391	4799807	2	90	55	0.43	19.9	7.6
249	GSH3454	4	448391	4799807	2	135	55	0.43	19.7	7.5
1399	GSH3455	1	448428	4799818	2	0	49	0.42	16.8	6.4
1399	GSH3455	2	448428	4799818	2	45	49	0.42	16.9	6.5
1399	GSH3455	3	448428	4799818	2	90	49	0.42	16.8	6.4
1399	GSH3455	4	448428	4799818	2	135	48	0.42	16.7	6.4

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
633	GSH346	1	447211	4796114	2	0	56	0.62	27	10.3
633	GSH346	2	447211	4796114	2	45	56	0.62	27.1	10.4
633	GSH346	3	447211	4796114	2	90	56	0.62	27.2	10.4
633	GSH346	4	447211	4796114	2	135	56	0.62	27	10.3
361	GSH347	1	447126	4796046	2	0	50	0.55	21.7	8.3
361	GSH347	2	447126	4796046	2	45	115	0.73	61.5	23.5
361	GSH347	3	447126	4796046	2	90	115	0.74	61.8	23.6
361	GSH347	4	447126	4796046	2	135	115	0.74	61.9	23.6
361	GSH347	5	447126	4796046	2	180	65	0.74	40	15.3
1489	GSH348	1	446890	4795693	2	0	128	0.63	48.1	18.4
1489	GSH348	2	446890	4795693	2	45	130	0.63	48.3	18.5
1489	GSH348	3	446890	4795693	2	90	129	0.63	48.4	18.5
1489	GSH348	4	446890	4795693	2	135	129	0.63	48.2	18.4
1489	GSH348	5	446890	4795693	2	180	81	0.47	26.6	10.2
1489	GSH348	6	446890	4795693	2	225	55	0.47	19.9	7.6
1489	GSH348	7	446890	4795693	2	270	55	0.47	19.8	7.6
1489	GSH348	8	446890	4795693	2	315	54	0.47	19.7	7.5
2056	GSH349	1	446887	4795666	2	0	124	0.63	48.7	18.6
2056	GSH349	2	446887	4795666	2	45	124	0.63	49	18.7
2056	GSH349	3	446887	4795666	2	90	124	0.63	49	18.7
2056	GSH349	4	446887	4795666	2	135	124	0.63	48.8	18.6
2056	GSH349	5	446887	4795666	2	180	76	0.48	25.9	9.9
2056	GSH349	6	446887	4795666	2	225	78	0.48	26	9.9
2056	GSH349	7	446887	4795666	2	270	77	0.48	26	9.9
2056	GSH349	8	446887	4795666	2	315	77	0.48	25.8	9.9
1402	GSH3491	5	454562	4794106	2	180	84	0.74	45.4	17.3
1402	GSH3491	6	454562	4794106	2	225	84	0.74	45.6	17.4
1402	GSH3491	7	454562	4794106	2	270	84	0.74	45.5	17.4
1402	GSH3491	8	454562	4794106	2	315	83	0.74	45.2	17.3
1946	GSH3492	5	454740	4794130	2	180	51	0.58	23.2	8.9
1946	GSH3492	6	454740	4794130	2	225	51	0.58	23.3	8.9
1946	GSH3492	7	454740	4794130	2	270	51	0.58	23.3	8.9
1946	GSH3492	8	454740	4794130	2	315	51	0.58	23.2	8.9
1094	GSH3493	5	454765	4794176	2	180	52	0.55	22.1	8.4
1094	GSH3493	6	454765	4794176	2	225	52	0.55	22.2	8.5
1094	GSH3493	7	454765	4794176	2	270	52	0.55	22.2	8.5
1094	GSH3493	8	454765	4794176	2	315	52	0.55	22.1	8.4
2254	GSH3494	5	454862	4794127	2	180	43	0.51	16.7	6.4
2254	GSH3494	6	454862	4794127	2	225	43	0.51	16.8	6.4
2254	GSH3494	7	454862	4794127	2	270	43	0.51	16.8	6.4
2254	GSH3494	8	454862	4794127	2	315	43	0.51	16.7	6.4
802	GSH3495	5	455058	4794141	2	180	33	0.42	11	4.2
802	GSH3495	6	455058	4794141	2	225	33	0.42	11	4.2
802	GSH3495	7	455058	4794141	2	270	33	0.42	11	4.2
802	GSH3495	8	455058	4794141	2	315	33	0.42	11	4.2
2255	GSH3496	5	455000	4794141	2	180	35	0.44	12.3	4.7
2255	GSH3496	6	455000	4794141	2	225	36	0.44	12.4	4.7
2255	GSH3496	7	455000	4794141	2	270	36	0.44	12.4	4.7
2255	GSH3496	8	455000	4794141	2	315	35	0.44	12.3	4.7
1947	GSH3497	5	454998	4794192	2	180	36	0.44	12.4	4.7
1947	GSH3497	6	454998	4794192	2	225	36	0.44	12.4	4.7
1947	GSH3497	7	454998	4794192	2	270	36	0.44	12.4	4.7
1947	GSH3497	8	454998	4794192	2	315	36	0.44	12.4	4.7
803	GSH3498	5	455239	4794156	2	180	29	0.36	8.1	3.1
803	GSH3498	6	455239	4794156	2	225	29	0.36	8.1	3.1
803	GSH3498	7	455239	4794156	2	270	29	0.36	8.1	3.1
803	GSH3498	8	455239	4794156	2	315	29	0.36	8.1	3.1
521	GSH3499	5	455283	4794158	2	180	28	0.35	7.6	2.9
521	GSH3499	6	455283	4794158	2	225	28	0.35	7.6	2.9
521	GSH3499	7	455283	4794158	2	270	28	0.35	7.6	2.9
521	GSH3499	8	455283	4794158	2	315	28	0.35	7.6	2.9
362	GSH350	1	446911	4795634	2	0	113	0.65	47.6	18.2
362	GSH350	2	446911	4795634	2	45	113	0.65	47.8	18.3
362	GSH350	3	446911	4795634	2	90	113	0.65	47.8	18.3
362	GSH350	4	446911	4795634	2	135	112	0.65	47.6	18.2
362	GSH350	5	446911	4795634	2	180	71	0.48	23.6	9.0
362	GSH350	6	446911	4795634	2	225	72	0.48	23.7	9.1
362	GSH350	7	446911	4795634	2	270	72	0.48	23.7	9.1
362	GSH350	8	446911	4795634	2	315	71	0.48	23.6	9.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1095	GSH3500	5	455307	4794177	2	180	27	0.34	7.3	2.8
1095	GSH3500	6	455307	4794177	2	225	27	0.34	7.3	2.8
1095	GSH3500	7	455307	4794177	2	270	27	0.34	7.3	2.8
1095	GSH3500	8	455307	4794177	2	315	27	0.34	7.3	2.8
1948	GSH3501	5	455313	4794161	2	180	27	0.34	7.2	2.8
1948	GSH3501	6	455313	4794161	2	225	27	0.34	7.3	2.8
1948	GSH3501	7	455313	4794161	2	270	27	0.34	7.3	2.8
1948	GSH3501	8	455313	4794161	2	315	27	0.34	7.3	2.8
1949	GSH3502	5	455320	4794099	2	180	27	0.35	7.2	2.8
1949	GSH3502	6	455320	4794099	2	225	27	0.35	7.3	2.8
1949	GSH3502	7	455320	4794099	2	270	27	0.35	7.3	2.8
1949	GSH3502	8	455320	4794099	2	315	27	0.35	7.3	2.8
804	GSH3503	5	455301	4794089	2	180	27	0.35	7.4	2.8
804	GSH3503	6	455301	4794089	2	225	28	0.35	7.5	2.9
804	GSH3503	7	455301	4794089	2	270	28	0.35	7.5	2.9
804	GSH3503	8	455301	4794089	2	315	27	0.35	7.4	2.8
805	GSH3504	5	455275	4794080	2	180	27	0.36	7.8	3.0
805	GSH3504	6	455275	4794080	2	225	27	0.36	7.8	3.0
805	GSH3504	7	455275	4794080	2	270	27	0.36	7.8	3.0
805	GSH3504	8	455275	4794080	2	315	27	0.36	7.8	3.0
1096	GSH3505	5	455338	4794112	2	180	27	0.34	7	2.7
1096	GSH3505	6	455338	4794112	2	225	27	0.34	7.1	2.7
1096	GSH3505	7	455338	4794112	2	270	27	0.34	7.1	2.7
1096	GSH3505	8	455338	4794112	2	315	27	0.34	7	2.7
806	GSH3506	5	455366	4794121	2	180	26	0.33	6.8	2.6
806	GSH3506	6	455366	4794121	2	225	26	0.33	6.8	2.6
806	GSH3506	7	455366	4794121	2	270	26	0.33	6.8	2.6
806	GSH3506	8	455366	4794121	2	315	26	0.33	6.8	2.6
1097	GSH3507	5	455356	4794165	2	180	26	0.33	6.8	2.6
1097	GSH3507	6	455356	4794165	2	225	26	0.33	6.8	2.6
1097	GSH3507	7	455356	4794165	2	270	26	0.33	6.8	2.6
1097	GSH3507	8	455356	4794165	2	315	26	0.33	6.8	2.6
1950	GSH3508	5	455320	4794212	2	180	27	0.34	7.1	2.7
1950	GSH3508	6	455320	4794212	2	225	27	0.34	7.2	2.8
1950	GSH3508	7	455320	4794212	2	270	27	0.34	7.2	2.8
1950	GSH3508	8	455320	4794212	2	315	27	0.34	7.1	2.7
253	GSH3509	5	455278	4794184	2	180	28	0.35	7.6	2.9
253	GSH3509	6	455278	4794184	2	225	28	0.35	7.7	2.9
253	GSH3509	7	455278	4794184	2	270	28	0.35	7.7	2.9
253	GSH3509	8	455278	4794184	2	315	28	0.35	7.6	2.9
903	GSH351	1	447041	4795831	2	0	90	0.47	29.8	11.4
903	GSH351	2	447041	4795831	2	45	155	0.8	70.8	27.0
903	GSH351	3	447041	4795831	2	90	155	0.81	71	27.1
903	GSH351	4	447041	4795831	2	135	155	0.81	70.9	27.1
903	GSH351	5	447041	4795831	2	180	114	0.8	56.1	21.4
903	GSH351	6	447041	4795831	2	225	49	0.4	15.3	5.8
903	GSH351	7	447041	4795831	2	270	49	0.4	15.3	5.8
903	GSH351	8	447041	4795831	2	315	49	0.4	15.2	5.8
83	GSH352	1	447056	4795818	2	0	83	0.48	33.3	12.7
83	GSH352	2	447056	4795818	2	45	150	0.83	76.3	29.1
83	GSH352	3	447056	4795818	2	90	150	0.83	76.5	29.2
83	GSH352	4	447056	4795818	2	135	150	0.83	76.4	29.2
83	GSH352	5	447056	4795818	2	180	112	0.83	57	21.8
83	GSH352	6	447056	4795818	2	225	45	0.39	14.1	5.4
83	GSH352	7	447056	4795818	2	270	45	0.39	14	5.3
83	GSH352	8	447056	4795818	2	315	45	0.39	14	5.3
1209	GSH353	1	447052	4795841	2	0	91	0.48	30.3	11.6
1209	GSH353	2	447052	4795841	2	45	158	0.82	73.4	28.0
1209	GSH353	3	447052	4795841	2	90	158	0.82	73.6	28.1
1209	GSH353	4	447052	4795841	2	135	158	0.82	73.5	28.1
1209	GSH353	5	447052	4795841	2	180	117	0.82	58	22.2
1209	GSH353	6	447052	4795841	2	225	50	0.39	15.1	5.8
1209	GSH353	7	447052	4795841	2	270	50	0.39	15.1	5.8
1209	GSH353	8	447052	4795841	2	315	50	0.39	15	5.7
1210	GSH354	1	447050	4795874	2	0	63	0.48	23.4	8.9
1210	GSH354	2	447050	4795874	2	45	134	0.81	67.9	25.9
1210	GSH354	3	447050	4795874	2	90	134	0.81	68.1	26.0
1210	GSH354	4	447050	4795874	2	135	134	0.81	68.1	26.0
1210	GSH354	5	447050	4795874	2	180	122	0.81	61.3	23.4

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1210	GSH354	6	447050	4795874	2	225	58	0.39	17	6.5
1210	GSH354	7	447050	4795874	2	270	58	0.39	16.9	6.5
1210	GSH354	8	447050	4795874	2	315	58	0.39	16.8	6.4
1211	GSH355	2	445808	4794713	2	45	55	0.71	30.4	11.6
1211	GSH355	3	445808	4794713	2	90	55	0.71	30.6	11.7
1211	GSH355	4	445808	4794713	2	135	55	0.71	30.5	11.7
1211	GSH355	5	445808	4794713	2	180	55	0.7	30.4	11.6
2260	GSH3553	4	455548	4793960	2	135	19	0.23	3.5	1.3
2260	GSH3553	5	455548	4793960	2	180	19	0.23	3.6	1.4
2260	GSH3553	6	455548	4793960	2	225	20	0.24	3.7	1.4
2260	GSH3553	7	455548	4793960	2	270	20	0.23	3.6	1.4
84	GSH356	1	447079	4794335	2	0	9	0.11	0.8	0.3
84	GSH356	5	447079	4794335	2	180	27	0.34	7.1	2.7
84	GSH356	6	447079	4794335	2	225	36	0.34	8	3.1
84	GSH356	7	447079	4794335	2	270	37	0.34	8.2	3.1
84	GSH356	8	447079	4794335	2	315	37	0.34	8.2	3.1
1212	GSH357	1	447104	4794327	2	0	17	0.2	2.6	1.0
1212	GSH357	5	447104	4794327	2	180	26	0.34	6.9	2.6
1212	GSH357	6	447104	4794327	2	225	44	0.34	9.5	3.6
1212	GSH357	7	447104	4794327	2	270	44	0.34	9.7	3.7
1212	GSH357	8	447104	4794327	2	315	44	0.34	9.6	3.7
1213	GSH358	1	447121	4794355	2	0	47	0.48	18.5	7.1
1213	GSH358	5	447121	4794355	2	180	25	0.33	6.6	2.5
1213	GSH358	6	447121	4794355	2	225	72	0.48	25.2	9.6
1213	GSH358	7	447121	4794355	2	270	72	0.48	25.3	9.7
1213	GSH358	8	447121	4794355	2	315	72	0.48	25.2	9.6
2057	GSH359	2	447126	4794180	2	45	67	0.45	24.9	9.5
2057	GSH359	3	447126	4794180	2	90	67	0.45	25	9.6
2057	GSH359	4	447126	4794180	2	135	67	0.46	25	9.6
2057	GSH359	5	447126	4794180	2	180	93	0.45	32.1	12.3
2057	GSH359	6	447126	4794180	2	225	26	0.34	7.1	2.7
2057	GSH359	7	447126	4794180	2	270	26	0.34	7.2	2.8
2057	GSH359	8	447126	4794180	2	315	26	0.34	7.1	2.7
85	GSH360	2	447156	4794164	2	45	69	0.46	26.3	10.0
85	GSH360	3	447156	4794164	2	90	69	0.47	26.5	10.1
85	GSH360	4	447156	4794164	2	135	69	0.76	36.5	13.9
85	GSH360	5	447156	4794164	2	180	69	0.76	36.5	13.9
85	GSH360	6	447156	4794164	2	225	34	0.37	10.2	3.9
85	GSH360	7	447156	4794164	2	270	34	0.37	10.2	3.9
1490	GSH361	2	447132	4793914	2	45	42	0.48	15.6	6.0
1490	GSH361	3	447132	4793914	2	90	42	0.49	15.7	6.0
1490	GSH361	4	447132	4793914	2	135	42	0.48	15.7	6.0
1490	GSH361	5	447132	4793914	2	180	98	0.72	46.7	17.8
1490	GSH361	6	447132	4793914	2	225	69	0.59	31.2	11.9
1490	GSH361	7	447132	4793914	2	270	69	0.59	31.2	11.9
1490	GSH361	8	447132	4793914	2	315	69	0.59	31	11.8
86	GSH362	2	447174	4793917	2	45	44	0.51	17.3	6.6
86	GSH362	3	447174	4793917	2	90	44	0.51	17.3	6.6
86	GSH362	4	447174	4793917	2	135	44	0.51	17.3	6.6
86	GSH362	5	447174	4793917	2	180	82	0.89	43.1	16.5
86	GSH362	6	447174	4793917	2	225	59	0.56	26	9.9
86	GSH362	7	447174	4793917	2	270	59	0.56	25.9	9.9
86	GSH362	8	447174	4793917	2	315	59	0.56	25.8	9.9
634	GSH363	2	447156	4793881	2	45	42	0.5	16.1	6.2
634	GSH363	3	447156	4793881	2	90	42	0.5	16.1	6.2
634	GSH363	4	447156	4793881	2	135	42	0.5	16.1	6.2
634	GSH363	5	447156	4793881	2	180	83	0.84	42.4	16.2
634	GSH363	6	447156	4793881	2	225	58	0.59	26.5	10.1
634	GSH363	7	447156	4793881	2	270	58	0.59	26.5	10.1
634	GSH363	8	447156	4793881	2	315	58	0.59	26.3	10.0
2058	GSH364	2	447199	4793848	2	45	42	0.52	17.3	6.6
2058	GSH364	3	447199	4793848	2	90	42	0.52	17.4	6.6
2058	GSH364	4	447199	4793848	2	135	42	0.52	17.4	6.6
2058	GSH364	5	447199	4793848	2	180	69	0.96	39.6	15.1
2058	GSH364	6	447199	4793848	2	225	50	0.57	22.4	8.6
2058	GSH364	7	447199	4793848	2	270	50	0.57	22.4	8.6
2058	GSH364	8	447199	4793848	2	315	50	0.57	22.3	8.5
2059	GSH365	2	447206	4793902	2	45	46	0.52	18.4	7.0
2059	GSH365	3	447206	4793902	2	90	46	0.53	18.5	7.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2059	GSH365	4	447206	4793902	2	135	46	0.53	18.5	7.1
2059	GSH365	5	447206	4793902	2	180	71	0.97	40.9	15.6
2059	GSH365	6	447206	4793902	2	225	52	0.55	22.7	8.7
2059	GSH365	7	447206	4793902	2	270	52	0.55	22.6	8.6
2059	GSH365	8	447206	4793902	2	315	52	0.55	22.6	8.6
904	GSH366	1	447368	4793656	2	0	50	0.65	25.7	9.8
904	GSH366	2	447368	4793656	2	45	50	0.65	25.9	9.9
904	GSH366	3	447368	4793656	2	90	50	0.66	26	9.9
904	GSH366	4	447368	4793656	2	135	50	0.65	25.9	9.9
904	GSH366	5	447368	4793656	2	180	39	0.5	15.3	5.8
904	GSH366	6	447368	4793656	2	225	39	0.5	15.4	5.9
904	GSH366	7	447368	4793656	2	270	39	0.5	15.4	5.9
904	GSH366	8	447368	4793656	2	315	39	0.5	15.4	5.9
1214	GSH367	1	447210	4793197	2	0	81	0.93	54.3	20.7
1214	GSH367	2	447210	4793197	2	45	81	0.48	34	13.0
1214	GSH367	3	447210	4793197	2	90	81	0.48	33.9	12.9
1214	GSH367	4	447210	4793197	2	135	81	0.48	33.8	12.9
1214	GSH367	6	447210	4793197	2	225	47	0.54	20.5	7.8
1214	GSH367	7	447210	4793197	2	270	48	0.54	20.6	7.9
1214	GSH367	8	447210	4793197	2	315	48	0.54	20.6	7.9
2060	GSH368	1	447237	4793185	2	0	72	1	51.2	19.6
2060	GSH368	2	447237	4793185	2	45	72	0.5	31.9	12.2
2060	GSH368	3	447237	4793185	2	90	72	0.5	31.8	12.1
2060	GSH368	4	447237	4793185	2	135	72	0.49	31.7	12.1
2060	GSH368	6	447237	4793185	2	225	47	0.52	19.5	7.4
2060	GSH368	7	447237	4793185	2	270	47	0.52	19.7	7.5
2060	GSH368	8	447237	4793185	2	315	47	0.52	19.7	7.5
635	GSH369	1	447245	4793216	2	0	79	1.08	70.1	26.8
635	GSH369	2	447245	4793216	2	45	80	0.51	35.5	13.6
635	GSH369	3	447245	4793216	2	90	80	0.51	35.5	13.6
635	GSH369	4	447245	4793216	2	135	79	0.5	35.3	13.5
635	GSH369	6	447245	4793216	2	225	66	0.62	34.7	13.3
635	GSH369	7	447245	4793216	2	270	66	0.62	34.9	13.3
635	GSH369	8	447245	4793216	2	315	67	0.62	34.9	13.3
905	GSH370	1	447294	4793224	2	0	78	1.12	74.5	28.5
905	GSH370	2	447294	4793224	2	45	71	0.53	33.7	12.9
905	GSH370	3	447294	4793224	2	90	71	0.53	33.7	12.9
905	GSH370	4	447294	4793224	2	135	71	0.53	33.6	12.8
905	GSH370	6	447294	4793224	2	225	78	0.59	40.9	15.6
905	GSH370	7	447294	4793224	2	270	78	0.59	41	15.7
905	GSH370	8	447294	4793224	2	315	78	0.59	41	15.7
906	GSH371	5	447223	4792987	2	180	38	0.35	10.5	4.0
906	GSH371	6	447223	4792987	2	225	38	0.35	10.5	4.0
906	GSH371	7	447223	4792987	2	270	38	0.35	10.5	4.0
906	GSH371	8	447223	4792987	2	315	38	0.35	10.5	4.0
1765	GSH372	5	447240	4792956	2	180	35	0.35	9.7	3.7
1765	GSH372	6	447240	4792956	2	225	35	0.35	9.7	3.7
1765	GSH372	7	447240	4792956	2	270	35	0.35	9.7	3.7
1765	GSH372	8	447240	4792956	2	315	35	0.35	9.7	3.7
1215	GSH373	5	447221	4792902	2	180	34	0.36	9.7	3.7
1215	GSH373	6	447221	4792902	2	225	34	0.36	9.7	3.7
1215	GSH373	7	447221	4792902	2	270	34	0.36	9.7	3.7
1215	GSH373	8	447221	4792902	2	315	34	0.36	9.7	3.7
636	GSH374	5	447251	4792889	2	180	32	0.35	9	3.4
636	GSH374	6	447251	4792889	2	225	32	0.35	9.1	3.5
636	GSH374	7	447251	4792889	2	270	32	0.35	9.1	3.5
636	GSH374	8	447251	4792889	2	315	32	0.35	9	3.4
1216	GSH375	5	447260	4792490	2	180	85	0.38	24	9.2
1216	GSH375	6	447260	4792490	2	225	86	0.38	24.1	9.2
1216	GSH375	7	447260	4792490	2	270	85	0.38	24	9.2
1216	GSH375	8	447260	4792490	2	315	85	0.38	23.9	9.1
2061	GSH376	5	447327	4792507	2	180	28	0.36	7.9	3.0
2061	GSH376	6	447327	4792507	2	225	28	0.36	8	3.1
2061	GSH376	7	447327	4792507	2	270	28	0.36	8	3.1
2061	GSH376	8	447327	4792507	2	315	28	0.36	8	3.1
2062	GSH377	1	447478	4791437	2	0	37	0.37	10.1	3.9
2062	GSH377	6	447478	4791437	2	225	37	0.37	10.2	3.9
2062	GSH377	7	447478	4791437	2	270	38	0.37	10.3	3.9
2062	GSH377	8	447478	4791437	2	315	38	0.37	10.3	3.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1491	GSH378	1	447482	4791405	2	0	39	0.37	11.1	4.2
1491	GSH378	6	447482	4791405	2	225	39	0.37	11.2	4.3
1491	GSH378	7	447482	4791405	2	270	39	0.37	11.2	4.3
1491	GSH378	8	447482	4791405	2	315	40	0.37	11.2	4.3
637	GSH379	1	447523	4791418	2	0	35	0.36	10	3.8
637	GSH379	6	447523	4791418	2	225	35	0.36	10	3.8
637	GSH379	7	447523	4791418	2	270	35	0.36	10.1	3.9
637	GSH379	8	447523	4791418	2	315	35	0.36	10	3.8
2063	GSH380	1	447548	4791410	2	0	35	0.35	9.6	3.7
2063	GSH380	4	447548	4791410	2	135	24	0.28	5.5	2.1
2063	GSH380	5	447548	4791410	2	180	24	0.29	5.6	2.1
2063	GSH380	6	447548	4791410	2	225	60	0.35	15.3	5.8
2063	GSH380	7	447548	4791410	2	270	60	0.35	15.4	5.9
2063	GSH380	8	447548	4791410	2	315	35	0.35	9.8	3.7
1492	GSH381	1	447539	4791381	2	0	38	0.36	10.5	4.0
1492	GSH381	4	447539	4791381	2	135	36	0.4	11.6	4.4
1492	GSH381	5	447539	4791381	2	180	36	0.41	11.7	4.5
1492	GSH381	6	447539	4791381	2	225	74	0.41	22.6	8.6
1492	GSH381	7	447539	4791381	2	270	74	0.41	22.6	8.6
1492	GSH381	8	447539	4791381	2	315	38	0.41	10.9	4.2
87	GSH382	5	447606	4791043	2	180	52	0.62	24.9	9.5
87	GSH382	6	447606	4791043	2	225	52	0.62	25.1	9.6
87	GSH382	7	447606	4791043	2	270	52	0.62	25.1	9.6
87	GSH382	8	447606	4791043	2	315	52	0.62	24.9	9.5
1217	GSH383	5	447565	4791028	2	180	56	0.66	28.4	10.8
1217	GSH383	6	447565	4791028	2	225	56	0.66	28.6	10.9
1217	GSH383	7	447565	4791028	2	270	56	0.66	28.6	10.9
1217	GSH383	8	447565	4791028	2	315	56	0.66	28.4	10.8
1218	GSH384	5	447573	4791040	2	180	54	0.65	27.6	10.5
1218	GSH384	6	447573	4791040	2	225	54	0.65	27.8	10.6
1218	GSH384	7	447573	4791040	2	270	54	0.65	27.8	10.6
1218	GSH384	8	447573	4791040	2	315	54	0.65	27.6	10.5
907	GSH385	1	447885	4790558	2	0	84	0.5	29.1	11.1
907	GSH385	2	447885	4790558	2	45	30	0.38	8.8	3.4
907	GSH385	3	447885	4790558	2	90	30	0.38	8.8	3.4
907	GSH385	4	447885	4790558	2	135	30	0.38	8.8	3.4
907	GSH385	6	447885	4790558	2	225	55	0.5	20.3	7.8
907	GSH385	7	447885	4790558	2	270	55	0.5	20.4	7.8
907	GSH385	8	447885	4790558	2	315	55	0.5	20.4	7.8
1493	GSH386	1	447930	4790538	2	0	84	0.48	29.1	11.1
1493	GSH386	2	447930	4790538	2	45	30	0.39	9.5	3.6
1493	GSH386	3	447930	4790538	2	90	30	0.39	9.5	3.6
1493	GSH386	4	447930	4790538	2	135	30	0.39	9.5	3.6
1493	GSH386	6	447930	4790538	2	225	54	0.47	19.6	7.5
1493	GSH386	7	447930	4790538	2	270	54	0.47	19.8	7.6
1493	GSH386	8	447930	4790538	2	315	54	0.48	19.7	7.5
1224	GSH475	1	445532	4790613	2	0	79	0.58	41	15.7
1224	GSH475	2	445532	4790613	2	45	79	0.58	41.2	15.7
1224	GSH475	3	445532	4790613	2	90	79	0.58	41.2	15.7
1224	GSH475	4	445532	4790613	2	135	79	0.58	41	15.7
1499	GSH476	1	445515	4790654	2	0	97	0.58	43.6	16.7
1499	GSH476	2	445515	4790654	2	45	97	0.58	43.8	16.7
1499	GSH476	3	445515	4790654	2	90	97	0.58	43.8	16.7
1499	GSH476	4	445515	4790654	2	135	97	0.58	43.5	16.6
2072	GSH477	1	445489	4790924	2	0	47	0.59	21.8	8.3
2072	GSH477	2	445489	4790924	2	45	47	0.6	21.9	8.4
2072	GSH477	3	445489	4790924	2	90	47	0.6	22	8.4
2072	GSH477	4	445489	4790924	2	135	47	0.59	21.9	8.4
2073	GSH478	1	445473	4790901	2	0	47	0.58	20.9	8.0
2073	GSH478	2	445473	4790901	2	45	46	0.58	21	8.0
2073	GSH478	3	445473	4790901	2	90	46	0.58	21	8.0
2073	GSH478	4	445473	4790901	2	135	47	0.58	21	8.0
2074	GSH479	1	445542	4790920	2	0	50	0.64	25.5	9.7
2074	GSH479	2	445542	4790920	2	45	50	0.64	25.6	9.8
2074	GSH479	3	445542	4790920	2	90	50	0.64	25.7	9.8
2074	GSH479	4	445542	4790920	2	135	50	0.64	25.6	9.8
2075	GSH480	1	445424	4791300	2	0	40	0.46	14.8	5.7
2075	GSH480	2	445424	4791300	2	45	92	0.54	37	14.1
2075	GSH480	3	445424	4791300	2	90	92	0.54	37.1	14.2

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2075	GSH480	4	445424	4791300	2	135	92	0.54	37.1	14.2
2075	GSH480	5	445424	4791300	2	180	52	0.54	22.1	8.4
641	GSH481	1	445500	4791311	2	0	46	0.5	18.2	7.0
641	GSH481	2	445500	4791311	2	45	110	0.59	47.3	18.1
641	GSH481	3	445500	4791311	2	90	110	0.6	47.5	18.1
641	GSH481	4	445500	4791311	2	135	110	0.6	47.4	18.1
641	GSH481	5	445500	4791311	2	180	64	0.59	29	11.1
1776	GSH482	1	445658	4791230	2	0	85	0.59	44.4	17.0
1776	GSH482	2	445658	4791230	2	45	156	0.76	86.8	33.2
1776	GSH482	3	445658	4791230	2	90	156	0.76	87	33.2
1776	GSH482	4	445658	4791230	2	135	156	0.76	86.8	33.2
1776	GSH482	5	445658	4791230	2	180	71	0.76	42.3	16.2
100	GSH483	1	445682	4791234	2	0	81	0.61	43.9	16.8
100	GSH483	2	445682	4791234	2	45	158	0.79	90.7	34.6
100	GSH483	3	445682	4791234	2	90	158	0.79	90.9	34.7
100	GSH483	4	445682	4791234	2	135	158	0.79	90.7	34.6
100	GSH483	5	445682	4791234	2	180	77	0.79	46.7	17.8
1225	GSH484	1	445705	4791214	2	0	67	0.62	34.9	13.3
1225	GSH484	2	445705	4791214	2	45	144	0.83	84.7	32.4
1225	GSH484	3	445705	4791214	2	90	144	0.83	84.9	32.4
1225	GSH484	4	445705	4791214	2	135	144	0.83	84.8	32.4
1225	GSH484	5	445705	4791214	2	180	77	0.83	49.7	19.0
101	GSH485	1	445737	4791244	2	0	70	0.65	38.6	14.7
101	GSH485	2	445737	4791244	2	45	171	0.86	100.8	38.5
101	GSH485	3	445737	4791244	2	90	171	0.86	101.2	38.7
101	GSH485	4	445737	4791244	2	135	170	0.86	101	38.6
101	GSH485	5	445737	4791244	2	180	101	0.86	62.2	23.8
2076	GSH486	1	445711	4791269	2	0	87	0.64	49.6	18.9
2076	GSH486	2	445711	4791269	2	45	202	0.79	114.7	43.8
2076	GSH486	3	445711	4791269	2	90	201	0.79	115.1	44.0
2076	GSH486	4	445711	4791269	2	135	202	0.79	114.9	43.9
2076	GSH486	5	445711	4791269	2	180	115	0.79	65.1	24.9
914	GSH487	1	445681	4791261	2	0	91	0.61	48.6	18.6
914	GSH487	2	445681	4791261	2	45	179	0.78	98.5	37.6
914	GSH487	3	445681	4791261	2	90	179	0.78	98.8	37.7
914	GSH487	4	445681	4791261	2	135	179	0.78	98.6	37.7
914	GSH487	5	445681	4791261	2	180	88	0.78	49.8	19.0
642	GSH488	1	445727	4791278	2	0	87	0.66	50.7	19.4
642	GSH488	2	445727	4791278	2	45	196	0.77	120.6	46.1
642	GSH488	3	445727	4791278	2	90	196	0.78	121	46.2
642	GSH488	4	445727	4791278	2	135	196	0.78	120.9	46.2
642	GSH488	5	445727	4791278	2	180	110	0.78	70.1	26.8
363	GSH495	1	445487	4791940	2	0	50	0.56	21.8	8.3
363	GSH495	2	445487	4791940	2	45	103	0.56	42.4	16.2
363	GSH495	3	445487	4791940	2	90	103	0.56	42.5	16.2
363	GSH495	4	445487	4791940	2	135	103	0.56	42.5	16.2
363	GSH495	5	445487	4791940	2	180	53	0.51	20.5	7.8
364	GSH496	1	445490	4791981	2	0	48	0.56	21.2	8.1
364	GSH496	2	445490	4791981	2	45	108	0.56	44.8	17.1
364	GSH496	3	445490	4791981	2	90	109	0.56	44.9	17.2
364	GSH496	4	445490	4791981	2	135	109	0.56	44.9	17.2
364	GSH496	5	445490	4791981	2	180	60	0.5	23.5	9.0
916	GSH497	1	445495	4792062	2	0	46	0.57	20.6	7.9
916	GSH497	2	445495	4792062	2	45	119	0.58	49.8	19.0
916	GSH497	3	445495	4792062	2	90	119	0.58	50	19.1
916	GSH497	4	445495	4792062	2	135	119	0.57	50	19.1
916	GSH497	5	445495	4792062	2	180	73	0.49	29.3	11.2
1779	GSH498	1	445515	4792068	2	0	47	0.59	21.7	8.3
1779	GSH498	2	445515	4792068	2	45	116	0.59	50.2	19.2
1779	GSH498	3	445515	4792068	2	90	116	0.59	50.5	19.3
1779	GSH498	4	445515	4792068	2	135	116	0.59	50.4	19.3
1779	GSH498	5	445515	4792068	2	180	69	0.48	28.5	10.9
1500	GSH499	1	445626	4792077	2	0	57	0.69	30.9	11.8
1500	GSH499	2	445626	4792077	2	45	109	0.7	52.5	20.1
1500	GSH499	3	445626	4792077	2	90	109	0.7	52.7	20.1
1500	GSH499	4	445626	4792077	2	135	110	0.7	52.7	20.1
1500	GSH499	5	445626	4792077	2	180	53	0.47	21.5	8.2
643	GSH500	1	445533	4792106	2	0	48	0.61	22.7	8.7
643	GSH500	2	445533	4792106	2	45	103	0.61	43.7	16.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
643	GSH500	3	445533	4792106	2	90	103	0.61	43.9	16.8
643	GSH500	4	445533	4792106	2	135	103	0.61	43.8	16.7
643	GSH500	5	445533	4792106	2	180	55	0.44	20.8	7.9
365	GSH501	1	445541	4792130	2	0	47	0.61	23	8.8
365	GSH501	2	445541	4792130	2	45	91	0.62	37.7	14.4
365	GSH501	3	445541	4792130	2	90	91	0.62	37.8	14.4
365	GSH501	4	445541	4792130	2	135	91	0.62	37.8	14.4
365	GSH501	5	445541	4792130	2	180	43	0.42	14.6	5.6
2077	GSH502	1	445576	4792133	2	0	51	0.65	25.6	9.8
2077	GSH502	2	445576	4792133	2	45	86	0.65	36.7	14.0
2077	GSH502	3	445576	4792133	2	90	86	0.65	36.8	14.1
2077	GSH502	4	445576	4792133	2	135	86	0.65	36.8	14.1
2077	GSH502	5	445576	4792133	2	180	35	0.39	11	4.2
917	GSH503	1	445561	4792116	2	0	50	0.63	24.6	9.4
917	GSH503	2	445561	4792116	2	45	97	0.63	41	15.7
917	GSH503	3	445561	4792116	2	90	97	0.64	41.3	15.8
917	GSH503	4	445561	4792116	2	135	97	0.63	41.2	15.7
917	GSH503	5	445561	4792116	2	180	47	0.42	16.4	6.3
104	GSH504	1	445476	4792102	2	0	43	0.56	19.3	7.4
104	GSH504	2	445476	4792102	2	45	107	0.56	43.6	16.7
104	GSH504	3	445476	4792102	2	90	107	0.57	43.8	16.7
104	GSH504	4	445476	4792102	2	135	106	0.56	43.8	16.7
104	GSH504	5	445476	4792102	2	180	63	0.45	24.3	9.3
918	GSH505	1	445370	4792094	2	0	39	0.5	14.9	5.7
918	GSH505	2	445370	4792094	2	45	113	0.5	42.5	16.2
918	GSH505	3	445370	4792094	2	90	113	0.5	42.7	16.3
918	GSH505	4	445370	4792094	2	135	114	0.5	42.7	16.3
918	GSH505	5	445370	4792094	2	180	75	0.44	27.7	10.6
1501	GSH506	1	445336	4792052	2	0	38	0.48	13.9	5.3
1501	GSH506	2	445336	4792052	2	45	95	0.48	32.5	12.4
1501	GSH506	3	445336	4792052	2	90	95	0.48	32.7	12.5
1501	GSH506	4	445336	4792052	2	135	95	0.48	32.7	12.5
1501	GSH506	5	445336	4792052	2	180	57	0.43	18.6	7.1
1780	GSH507	1	445354	4792202	2	0	38	0.49	14.4	5.5
1780	GSH507	2	445354	4792202	2	45	82	0.49	28.8	11.0
1780	GSH507	3	445354	4792202	2	90	80	0.49	28.9	11.0
1780	GSH507	4	445354	4792202	2	135	80	0.49	28.9	11.0
1780	GSH507	5	445354	4792202	2	180	45	0.4	14.4	5.5
2078	GSH508	1	445321	4792198	2	0	36	0.47	13.5	5.2
2078	GSH508	2	445321	4792198	2	45	85	0.47	30.1	11.5
2078	GSH508	3	445321	4792198	2	90	85	0.48	30.2	11.5
2078	GSH508	4	445321	4792198	2	135	85	0.48	30.2	11.5
2078	GSH508	5	445321	4792198	2	180	49	0.4	16.6	6.3
1781	GSH509	1	445698	4792822	2	0	73	0.42	27.1	10.4
1781	GSH509	2	445698	4792822	2	45	73	0.42	27.2	10.4
1781	GSH509	3	445698	4792822	2	90	73	0.42	27.2	10.4
1781	GSH509	4	445698	4792822	2	135	73	0.42	27	10.3
1502	GSH510	1	445700	4792839	2	0	77	0.43	28	10.7
1502	GSH510	2	445700	4792839	2	45	77	0.43	28.1	10.7
1502	GSH510	3	445700	4792839	2	90	77	0.43	28.1	10.7
1502	GSH510	4	445700	4792839	2	135	77	0.43	27.9	10.7
105	GSH511	5	445205	4792910	2	180	26	0.34	7	2.7
105	GSH511	6	445205	4792910	2	225	26	0.34	7	2.7
105	GSH511	7	445205	4792910	2	270	27	0.34	7.1	2.7
105	GSH511	8	445205	4792910	2	315	26	0.34	7	2.7
107	GSH514	1	445379	4793002	2	0	30	0.34	7.9	3.0
107	GSH514	2	445379	4793002	2	45	30	0.34	8	3.1
107	GSH514	3	445379	4793002	2	90	30	0.34	8	3.1
107	GSH514	4	445379	4793002	2	135	30	0.34	7.9	3.0
108	GSH515	1	445395	4793006	2	0	30	0.35	8	3.1
108	GSH515	2	445395	4793006	2	45	30	0.35	8.1	3.1
108	GSH515	3	445395	4793006	2	90	30	0.35	8.1	3.1
108	GSH515	4	445395	4793006	2	135	30	0.35	8	3.1
1782	GSH516	1	445384	4793028	2	0	30	0.35	7.9	3.0
1782	GSH516	2	445384	4793028	2	45	30	0.35	8	3.1
1782	GSH516	3	445384	4793028	2	90	30	0.35	8	3.1
1782	GSH516	4	445384	4793028	2	135	30	0.35	7.9	3.0
1783	GSH517	1	445349	4793044	2	0	28	0.34	7.4	2.8
1783	GSH517	2	445349	4793044	2	45	28	0.34	7.5	2.9

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1783	GSH517	3	445349	4793044	2	90	28	0.34	7.5	2.9
1783	GSH517	4	445349	4793044	2	135	28	0.34	7.4	2.8
1227	GSH518	1	445368	4792994	2	0	28	0.34	7.7	2.9
1227	GSH518	2	445368	4792994	2	45	28	0.34	7.7	2.9
1227	GSH518	3	445368	4792994	2	90	28	0.34	7.7	2.9
1227	GSH518	4	445368	4792994	2	135	28	0.34	7.7	2.9
919	GSH522	1	445102	4793796	2	0	112	0.95	55	21.0
919	GSH522	2	445102	4793796	2	45	51	0.53	21	8.0
919	GSH522	3	445102	4793796	2	90	51	0.53	21	8.0
919	GSH522	4	445102	4793796	2	135	51	0.52	21	8.0
919	GSH522	6	445102	4793796	2	225	88	0.54	34	13.0
919	GSH522	7	445102	4793796	2	270	90	0.54	34.4	13.1
919	GSH522	8	445102	4793796	2	315	90	0.54	34.4	13.1
110	GSH523	1	445244	4793778	2	0	107	1.06	70.7	27.0
110	GSH523	2	445244	4793778	2	45	99	0.63	50.1	19.1
110	GSH523	3	445244	4793778	2	90	99	0.63	50.1	19.1
110	GSH523	4	445244	4793778	2	135	99	0.62	49.9	19.1
110	GSH523	6	445244	4793778	2	225	57	0.5	20.8	7.9
110	GSH523	7	445244	4793778	2	270	58	0.5	21	8.0
110	GSH523	8	445244	4793778	2	315	58	0.5	21	8.0
920	GSH524	1	445268	4793737	2	0	97	1.02	69.1	26.4
920	GSH524	2	445268	4793737	2	45	79	0.64	44.5	17.0
920	GSH524	3	445268	4793737	2	90	79	0.64	44.5	17.0
920	GSH524	4	445268	4793737	2	135	79	0.63	44.2	16.9
920	GSH524	6	445268	4793737	2	225	69	0.48	24.9	9.5
920	GSH524	7	445268	4793737	2	270	69	0.48	25	9.6
920	GSH524	8	445268	4793737	2	315	69	0.48	25	9.6
1785	GSH525	1	445273	4793784	2	0	111	1.01	72.1	27.5
1785	GSH525	2	445273	4793784	2	45	95	0.65	53.7	20.5
1785	GSH525	3	445273	4793784	2	90	95	0.65	53.6	20.5
1785	GSH525	4	445273	4793784	2	135	95	0.65	53.4	20.4
1785	GSH525	6	445273	4793784	2	225	53	0.48	18.7	7.1
1785	GSH525	7	445273	4793784	2	270	53	0.48	18.8	7.2
1785	GSH525	8	445273	4793784	2	315	53	0.48	18.8	7.2
646	GSH526	1	445293	4793771	2	0	109	0.92	68.7	26.2
646	GSH526	2	445293	4793771	2	45	86	0.67	50.2	19.2
646	GSH526	3	445293	4793771	2	90	86	0.67	50.1	19.1
646	GSH526	4	445293	4793771	2	135	85	0.67	49.9	19.1
646	GSH526	6	445293	4793771	2	225	54	0.47	18.8	7.2
646	GSH526	7	445293	4793771	2	270	54	0.47	18.9	7.2
646	GSH526	8	445293	4793771	2	315	54	0.47	18.9	7.2
647	GSH527	1	445338	4793770	2	0	111	0.7	58.3	22.3
647	GSH527	2	445338	4793770	2	45	103	0.7	50.5	19.3
647	GSH527	3	445338	4793770	2	90	102	0.7	50.5	19.3
647	GSH527	4	445338	4793770	2	135	102	0.7	50.2	19.2
647	GSH527	5	445338	4793770	2	180	30	0.35	8.4	3.2
647	GSH527	6	445338	4793770	2	225	49	0.45	16.6	6.3
647	GSH527	7	445338	4793770	2	270	49	0.45	16.6	6.3
647	GSH527	8	445338	4793770	2	315	49	0.45	16.6	6.3
366	GSH528	1	445334	4793800	2	0	119	0.72	67.7	25.9
366	GSH528	2	445334	4793800	2	45	119	0.72	61.5	23.5
366	GSH528	3	445334	4793800	2	90	119	0.72	61.5	23.5
366	GSH528	4	445334	4793800	2	135	119	0.72	61.2	23.4
366	GSH528	5	445334	4793800	2	180	32	0.34	8.6	3.3
366	GSH528	6	445334	4793800	2	225	47	0.45	15.3	5.8
366	GSH528	7	445334	4793800	2	270	47	0.45	15.3	5.8
366	GSH528	8	445334	4793800	2	315	47	0.45	15.3	5.8
1786	GSH529	1	445320	4793802	2	0	119	0.81	70	26.7
1786	GSH529	2	445320	4793802	2	45	91	0.71	54.7	20.9
1786	GSH529	3	445320	4793802	2	90	91	0.71	54.6	20.9
1786	GSH529	4	445320	4793802	2	135	91	0.7	54.4	20.8
1786	GSH529	6	445320	4793802	2	225	48	0.46	15.6	6.0
1786	GSH529	7	445320	4793802	2	270	48	0.46	15.7	6.0
1786	GSH529	8	445320	4793802	2	315	48	0.46	15.7	6.0
921	GSH533	1	445158	4794251	2	0	28	0.34	7.5	2.9
921	GSH533	2	445158	4794251	2	45	76	0.59	29.5	11.3
921	GSH533	3	445158	4794251	2	90	76	0.59	29.7	11.3
921	GSH533	4	445158	4794251	2	135	76	0.59	29.6	11.3
921	GSH533	5	445158	4794251	2	180	63	0.98	37	14.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
921	GSH533	6	445158	4794251	2	225	40	0.5	15.2	5.8
921	GSH533	7	445158	4794251	2	270	40	0.5	15.2	5.8
921	GSH533	8	445158	4794251	2	315	40	0.5	15.1	5.8
1228	GSH534	1	445190	4794254	2	0	28	0.35	7.9	3.0
1228	GSH534	2	445190	4794254	2	45	77	0.61	31.8	12.1
1228	GSH534	3	445190	4794254	2	90	77	0.62	32	12.2
1228	GSH534	4	445190	4794254	2	135	77	0.62	31.9	12.2
1228	GSH534	5	445190	4794254	2	180	65	0.95	38	14.5
1228	GSH534	6	445190	4794254	2	225	38	0.48	14.1	5.4
1228	GSH534	7	445190	4794254	2	270	38	0.48	14.1	5.4
1228	GSH534	8	445190	4794254	2	315	37	0.48	14.1	5.4
2079	GSH535	1	445204	4794286	2	0	62	0.35	15.1	5.8
2079	GSH535	2	445204	4794286	2	45	115	0.62	40.9	15.6
2079	GSH535	3	445204	4794286	2	90	115	0.63	41	15.7
2079	GSH535	4	445204	4794286	2	135	114	0.63	40.8	15.6
2079	GSH535	5	445204	4794286	2	180	73	0.89	39.2	15.0
2079	GSH535	6	445204	4794286	2	225	38	0.47	13.7	5.2
2079	GSH535	7	445204	4794286	2	270	38	0.47	13.7	5.2
2079	GSH535	8	445204	4794286	2	315	38	0.47	13.6	5.2
112	GSH536	1	445186	4794553	2	0	71	0.39	21.3	8.1
112	GSH536	2	445186	4794553	2	45	128	0.49	45.1	17.2
112	GSH536	3	445186	4794553	2	90	128	0.49	45.2	17.3
112	GSH536	4	445186	4794553	2	135	128	0.49	45.2	17.3
112	GSH536	5	445186	4794553	2	180	103	0.49	39.2	15.0
112	GSH536	6	445186	4794553	2	225	46	0.44	15.5	5.9
112	GSH536	7	445186	4794553	2	270	46	0.44	15.4	5.9
112	GSH536	8	445186	4794553	2	315	45	0.44	15.3	5.8
922	GSH537	1	445127	4794547	2	0	67	0.38	18.8	7.2
922	GSH537	2	445127	4794547	2	45	133	0.48	47	18.0
922	GSH537	3	445127	4794547	2	90	132	0.48	47.2	18.0
922	GSH537	4	445127	4794547	2	135	132	0.48	47.1	18.0
922	GSH537	5	445127	4794547	2	180	98	0.71	46.8	17.9
922	GSH537	6	445127	4794547	2	225	52	0.46	18.6	7.1
922	GSH537	7	445127	4794547	2	270	52	0.46	18.6	7.1
922	GSH537	8	445127	4794547	2	315	52	0.46	18.5	7.1
1229	GSH538	2	445005	4794483	2	45	59	0.48	21.7	8.3
1229	GSH538	3	445005	4794483	2	90	60	0.48	21.8	8.3
1229	GSH538	4	445005	4794483	2	135	60	0.48	21.9	8.4
1229	GSH538	5	445005	4794483	2	180	67	1.01	48.6	18.6
1229	GSH538	6	445005	4794483	2	225	67	0.53	27	10.3
1229	GSH538	7	445005	4794483	2	270	67	0.53	26.9	10.3
1229	GSH538	8	445005	4794483	2	315	67	0.53	26.8	10.2
367	GSH539	2	445006	4794507	2	45	70	0.48	24.9	9.5
367	GSH539	3	445006	4794507	2	90	70	0.48	25.1	9.6
367	GSH539	4	445006	4794507	2	135	70	0.48	25.1	9.6
367	GSH539	5	445006	4794507	2	180	80	1	55.2	21.1
367	GSH539	6	445006	4794507	2	225	80	0.52	30.4	11.6
367	GSH539	7	445006	4794507	2	270	80	0.52	30.3	11.6
367	GSH539	8	445006	4794507	2	315	79	0.52	30	11.5
2080	GSH540	2	444958	4794535	2	45	74	0.46	24.4	9.3
2080	GSH540	3	444958	4794535	2	90	75	0.46	24.6	9.4
2080	GSH540	4	444958	4794535	2	135	85	0.96	57.4	21.9
2080	GSH540	5	444958	4794535	2	180	85	0.96	57.3	21.9
2080	GSH540	6	444958	4794535	2	225	76	0.51	32.9	12.6
2080	GSH540	7	444958	4794535	2	270	76	0.51	32.9	12.6
2081	GSH541	1	444946	4795496	2	0	84	0.63	39.5	15.1
2081	GSH541	2	444946	4795496	2	45	138	0.72	68.6	26.2
2081	GSH541	3	444946	4795496	2	90	138	0.73	68.8	26.3
2081	GSH541	4	444946	4795496	2	135	139	0.73	68.7	26.2
2081	GSH541	5	444946	4795496	2	180	55	0.73	29	11.1
368	GSH542	1	444994	4795508	2	0	106	0.68	56.3	21.5
368	GSH542	2	444994	4795508	2	45	171	0.8	93	35.5
368	GSH542	3	444994	4795508	2	90	171	0.81	93.2	35.6
368	GSH542	4	444994	4795508	2	135	170	0.81	92.9	35.5
368	GSH542	5	444994	4795508	2	180	65	0.8	36.5	13.9
369	GSH543	1	444739	4796000	2	0	46	0.51	18.8	7.2
369	GSH543	2	444739	4796000	2	45	89	0.51	35.9	13.7
369	GSH543	3	444739	4796000	2	90	89	0.51	36	13.8
369	GSH543	4	444739	4796000	2	135	89	0.51	35.9	13.7

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
369	GSH543	5	444739	4796000	2	180	43	0.51	17	6.5
1230	GSH544	1	444765	4796014	2	0	50	0.53	20.2	7.7
1230	GSH544	2	444765	4796014	2	45	94	0.53	38.6	14.7
1230	GSH544	3	444765	4796014	2	90	94	0.53	38.7	14.8
1230	GSH544	4	444765	4796014	2	135	95	0.53	38.7	14.8
1230	GSH544	5	444765	4796014	2	180	45	0.52	18.3	7.0
113	GSH545	1	444759	4795961	2	0	53	0.52	21.3	8.1
113	GSH545	2	444759	4795961	2	45	96	0.52	38.7	14.8
113	GSH545	3	444759	4795961	2	90	96	0.52	38.8	14.8
113	GSH545	4	444759	4795961	2	135	96	0.52	38.7	14.8
113	GSH545	5	444759	4795961	2	180	43	0.52	17.3	6.6
114	GSH546	1	444778	4795964	2	0	55	0.53	22.8	8.7
114	GSH546	2	444778	4795964	2	45	99	0.53	41	15.7
114	GSH546	3	444778	4795964	2	90	99	0.53	41.1	15.7
114	GSH546	4	444778	4795964	2	135	99	0.53	41	15.7
114	GSH546	5	444778	4795964	2	180	44	0.53	18.1	6.9
1231	GSH547	1	444727	4795919	2	0	54	0.49	20.5	7.8
1231	GSH547	2	444727	4795919	2	45	93	0.5	36.3	13.9
1231	GSH547	3	444727	4795919	2	90	93	0.5	36.4	13.9
1231	GSH547	4	444727	4795919	2	135	93	0.5	36.2	13.8
1231	GSH547	5	444727	4795919	2	180	39	0.5	15.6	6.0
1232	GSH548	1	444807	4795990	2	0	57	0.55	24.3	9.3
1232	GSH548	2	444807	4795990	2	45	103	0.55	44.3	16.9
1232	GSH548	3	444807	4795990	2	90	103	0.55	44.4	17.0
1232	GSH548	4	444807	4795990	2	135	104	0.55	44.3	16.9
1232	GSH548	5	444807	4795990	2	180	47	0.55	19.9	7.6
115	GSH549	1	444903	4795827	2	0	45	0.48	17.3	6.6
115	GSH549	2	444903	4795827	2	45	93	0.63	41	15.7
115	GSH549	3	444903	4795827	2	90	93	0.63	41.1	15.7
115	GSH549	4	444903	4795827	2	135	93	0.63	40.9	15.6
115	GSH549	5	444903	4795827	2	180	48	0.63	23.6	9.0
1503	GSH550	2	444751	4796385	2	45	42	0.54	17.9	6.8
1503	GSH550	3	444751	4796385	2	90	42	0.54	18	6.9
1503	GSH550	4	444751	4796385	2	135	42	0.54	17.9	6.8
1503	GSH550	5	444751	4796385	2	180	42	0.54	17.8	6.8
1233	GSH551	2	444766	4796357	2	45	65	0.55	22.8	8.7
1233	GSH551	3	444766	4796357	2	90	64	0.55	22.8	8.7
1233	GSH551	4	444766	4796357	2	135	63	0.55	22.8	8.7
1233	GSH551	5	444766	4796357	2	180	66	0.55	22.8	8.7
1234	GSH552	1	444898	4796278	2	0	52	0.66	26	9.9
1234	GSH552	2	444898	4796278	2	45	88	0.66	38.6	14.7
1234	GSH552	3	444898	4796278	2	90	88	0.66	38.9	14.9
1234	GSH552	4	444898	4796278	2	135	88	0.66	38.8	14.8
1234	GSH552	5	444898	4796278	2	180	37	0.42	12.5	4.8
2082	GSH553	1	444852	4796297	2	0	47	0.61	22.7	8.7
2082	GSH553	2	444852	4796297	2	45	84	0.62	35.2	13.4
2082	GSH553	3	444852	4796297	2	90	84	0.62	35.3	13.5
2082	GSH553	4	444852	4796297	2	135	84	0.62	35.3	13.5
2082	GSH553	5	444852	4796297	2	180	37	0.41	12.3	4.7
649	GSH554	1	444828	4796293	2	0	46	0.59	21.3	8.1
649	GSH554	2	444828	4796293	2	45	89	0.6	36.4	13.9
649	GSH554	3	444828	4796293	2	90	89	0.6	36.6	14.0
649	GSH554	4	444828	4796293	2	135	89	0.6	36.6	14.0
649	GSH554	5	444828	4796293	2	180	43	0.42	15	5.7
1504	GSH555	1	444873	4796276	2	0	50	0.63	24.2	9.2
1504	GSH555	2	444873	4796276	2	45	93	0.64	39.7	15.2
1504	GSH555	3	444873	4796276	2	90	93	0.64	39.9	15.2
1504	GSH555	4	444873	4796276	2	135	93	0.64	39.9	15.2
1504	GSH555	5	444873	4796276	2	180	43	0.42	15.4	5.9
1788	GSH556	2	444800	4796584	2	45	56	0.56	24.8	9.5
1788	GSH556	3	444800	4796584	2	90	56	0.56	25	9.6
1788	GSH556	4	444800	4796584	2	135	56	0.56	25	9.6
1788	GSH556	5	444800	4796584	2	180	56	0.56	24.9	9.5
1789	GSH557	2	444835	4796571	2	45	58	0.59	26.9	10.3
1789	GSH557	3	444835	4796571	2	90	58	0.59	27.1	10.4
1789	GSH557	4	444835	4796571	2	135	58	0.59	27.1	10.4
1789	GSH557	5	444835	4796571	2	180	58	0.59	27	10.3
370	GSH558	2	444866	4796611	2	45	78	0.61	34.2	13.1
370	GSH558	3	444866	4796611	2	90	78	0.61	34.5	13.2

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
370	GSH558	4	444866	4796611	2	135	78	0.61	34.5	13.2
370	GSH558	5	444866	4796611	2	180	78	0.61	34.3	13.1
650	GSH559	2	444673	4796896	2	45	15	0.17	2	0.8
650	GSH559	3	444673	4796896	2	90	15	0.16	1.9	0.7
650	GSH559	4	444673	4796896	2	135	15	0.16	1.9	0.7
650	GSH559	5	444673	4796896	2	180	15	0.17	1.9	0.7
320	GSH58	1	436295	4787695	2	0	59	0.37	19.7	7.5
320	GSH58	2	436295	4787695	2	45	59	0.37	19.7	7.5
320	GSH58	3	436295	4787695	2	90	59	0.37	19.7	7.5
320	GSH58	4	436295	4787695	2	135	59	0.37	19.6	7.5
1175	GSH59	1	436325	4787732	2	0	63	0.38	21.6	8.3
1175	GSH59	2	436325	4787732	2	45	63	0.39	21.7	8.3
1175	GSH59	3	436325	4787732	2	90	63	0.38	21.7	8.3
1175	GSH59	4	436325	4787732	2	135	63	0.38	21.6	8.3
1458	GSH60	1	436364	4787803	2	0	74	0.4	25.6	9.8
1458	GSH60	2	436364	4787803	2	45	74	0.4	25.7	9.8
1458	GSH60	3	436364	4787803	2	90	74	0.4	25.7	9.8
1458	GSH60	4	436364	4787803	2	135	73	0.4	25.5	9.7
321	GSH61	1	436378	4787821	2	0	76	0.41	26.3	10.0
321	GSH61	2	436378	4787821	2	45	76	0.41	26.5	10.1
321	GSH61	3	436378	4787821	2	90	76	0.41	26.4	10.1
321	GSH61	4	436378	4787821	2	135	75	0.41	26.3	10.0
2012	GSH62	1	436507	4788419	2	0	93	0.52	32.2	12.3
2012	GSH62	2	436507	4788419	2	45	129	0.52	41.8	16.0
2012	GSH62	3	436507	4788419	2	90	129	0.52	41.9	16.0
2012	GSH62	4	436507	4788419	2	135	128	0.52	41.7	15.9
2012	GSH62	5	436507	4788419	2	180	36	0.35	9.4	3.6
1176	GSH63	1	436535	4788439	2	0	98	0.54	34.4	13.1
1176	GSH63	2	436535	4788439	2	45	133	0.54	44.7	17.1
1176	GSH63	3	436535	4788439	2	90	134	0.54	44.8	17.1
1176	GSH63	4	436535	4788439	2	135	134	0.54	44.7	17.1
1176	GSH63	5	436535	4788439	2	180	36	0.35	10.1	3.9
44	GSH64	1	436562	4788408	2	0	122	0.56	43.8	16.7
44	GSH64	2	436562	4788408	2	45	158	0.56	54.1	20.7
44	GSH64	3	436562	4788408	2	90	158	0.56	54.2	20.7
44	GSH64	4	436562	4788408	2	135	158	0.56	54	20.6
44	GSH64	5	436562	4788408	2	180	36	0.36	10.2	3.9
2013	GSH65	1	436572	4788596	2	0	42	0.42	13.9	5.3
2013	GSH65	2	436572	4788596	2	45	88	0.56	34.3	13.1
2013	GSH65	3	436572	4788596	2	90	88	0.57	34.4	13.1
2013	GSH65	4	436572	4788596	2	135	88	0.57	34.3	13.1
2013	GSH65	5	436572	4788596	2	180	46	0.56	20.3	7.8
322	GSH66	1	436562	4788657	2	0	38	0.42	12.8	4.9
322	GSH66	2	436562	4788657	2	45	86	0.55	33.8	12.9
322	GSH66	3	436562	4788657	2	90	86	0.56	33.9	12.9
322	GSH66	4	436562	4788657	2	135	86	0.56	33.9	12.9
322	GSH66	5	436562	4788657	2	180	48	0.55	21	8.0
601	GSH67	1	436544	4788628	2	0	38	0.42	12.5	4.8
601	GSH67	2	436544	4788628	2	45	84	0.54	32.1	12.3
601	GSH67	3	436544	4788628	2	90	84	0.55	32.2	12.3
601	GSH67	4	436544	4788628	2	135	84	0.55	32.1	12.3
601	GSH67	5	436544	4788628	2	180	46	0.54	19.5	7.4
323	GSH68	1	436556	4788801	2	0	36	0.43	11.8	4.5
323	GSH68	2	436556	4788801	2	45	121	0.54	43.7	16.7
323	GSH68	3	436556	4788801	2	90	122	0.54	44	16.8
323	GSH68	4	436556	4788801	2	135	122	0.54	44	16.8
323	GSH68	5	436556	4788801	2	180	85	0.54	31.8	12.1
1459	GSH69	1	436632	4788805	2	0	38	0.47	13.9	5.3
1459	GSH69	2	436632	4788805	2	45	123	0.56	52.8	20.2
1459	GSH69	3	436632	4788805	2	90	123	0.56	53	20.2
1459	GSH69	4	436632	4788805	2	135	123	0.56	53	20.2
1459	GSH69	5	436632	4788805	2	180	85	0.56	38.9	14.9
45	GSH70	1	436664	4788807	2	0	40	0.48	15	5.7
45	GSH70	2	436664	4788807	2	45	121	0.55	54.9	21.0
45	GSH70	3	436664	4788807	2	90	121	0.55	55.1	21.0
45	GSH70	4	436664	4788807	2	135	121	0.55	55.1	21.0
45	GSH70	5	436664	4788807	2	180	81	0.55	39.9	15.2
602	GSH71	1	436718	4789108	2	0	28	0.33	7	2.7
602	GSH71	2	436718	4789108	2	45	69	0.53	23.9	9.1

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/ Year
602	GSH71	3	436718	4789108	2	90	69	0.53	24	9.2
602	GSH71	4	436718	4789108	2	135	69	0.53	23.9	9.1
602	GSH71	5	436718	4789108	2	180	40	0.53	16.8	6.4
324	GSH72	1	436705	4789147	2	0	26	0.33	6.8	2.6
324	GSH72	2	436705	4789147	2	45	67	0.52	23.6	9.0
324	GSH72	3	436705	4789147	2	90	67	0.52	23.6	9.0
324	GSH72	4	436705	4789147	2	135	67	0.52	23.6	9.0
324	GSH72	5	436705	4789147	2	180	41	0.52	16.6	6.3
2014	GSH73	1	436756	4789096	2	0	28	0.34	7.5	2.9
2014	GSH73	2	436756	4789096	2	45	70	0.55	25.9	9.9
2014	GSH73	3	436756	4789096	2	90	71	0.55	26	9.9
2014	GSH73	4	436756	4789096	2	135	71	0.55	25.9	9.9
2014	GSH73	5	436756	4789096	2	180	42	0.55	18.3	7.0
2015	GSH74	2	436812	4789537	2	45	60	0.37	17.3	6.6
2015	GSH74	3	436812	4789537	2	90	60	0.37	17.3	6.6
2015	GSH74	4	436812	4789537	2	135	60	0.37	17.3	6.6
2015	GSH74	5	436812	4789537	2	180	60	0.37	17.3	6.6
603	GSH75	2	436813	4789559	2	45	40	0.37	9.7	3.7
603	GSH75	3	436813	4789559	2	90	40	0.37	9.6	3.7
603	GSH75	4	436813	4789559	2	135	40	0.37	9.6	3.7
603	GSH75	5	436813	4789559	2	180	40	0.37	9.7	3.7
2084	GSH757	1	439156	4789026	2	0	69	0.37	22.3	8.5
2084	GSH757	2	439156	4789026	2	45	55	0.53	19.1	7.3
2084	GSH757	3	439156	4789026	2	90	55	0.54	19.1	7.3
2084	GSH757	4	439156	4789026	2	135	55	0.54	19.1	7.3
2084	GSH757	5	439156	4789026	2	180	56	0.89	27.7	10.6
2084	GSH757	6	439156	4789026	2	225	99	0.38	31.1	11.9
2084	GSH757	7	439156	4789026	2	270	99	0.38	31.1	11.9
2084	GSH757	8	439156	4789026	2	315	99	0.38	31.1	11.9
923	GSH758	1	439200	4789001	2	0	66	0.36	21	8.0
923	GSH758	2	439200	4789001	2	45	62	0.56	22.1	8.4
923	GSH758	3	439200	4789001	2	90	61	0.57	22.2	8.5
923	GSH758	4	439200	4789001	2	135	61	0.57	22.2	8.5
923	GSH758	5	439200	4789001	2	180	63	0.91	30.2	11.5
923	GSH758	6	439200	4789001	2	225	95	0.37	29.1	11.1
923	GSH758	7	439200	4789001	2	270	95	0.37	29.2	11.2
923	GSH758	8	439200	4789001	2	315	95	0.37	29.2	11.2
2085	GSH759	1	439153	4788974	2	0	53	0.37	16.7	6.4
2085	GSH759	2	439153	4788974	2	45	82	0.53	29.4	11.2
2085	GSH759	3	439153	4788974	2	90	82	0.53	29.5	11.3
2085	GSH759	4	439153	4788974	2	135	82	0.53	29.5	11.3
2085	GSH759	5	439153	4788974	2	180	83	0.91	38.2	14.6
2085	GSH759	6	439153	4788974	2	225	83	0.38	25.6	9.8
2085	GSH759	7	439153	4788974	2	270	83	0.38	25.6	9.8
2085	GSH759	8	439153	4788974	2	315	83	0.38	25.6	9.8
325	GSH76	2	436839	4789585	2	45	30	0.38	9	3.4
325	GSH76	3	436839	4789585	2	90	30	0.38	9	3.4
325	GSH76	4	436839	4789585	2	135	30	0.38	9	3.4
325	GSH76	5	436839	4789585	2	180	30	0.38	8.9	3.4
371	GSH760	1	439120	4789008	2	0	60	0.38	20.1	7.7
371	GSH760	2	439120	4789008	2	45	74	0.51	24.3	9.3
371	GSH760	3	439120	4789008	2	90	74	0.51	24.4	9.3
371	GSH760	4	439120	4789008	2	135	74	0.51	24.4	9.3
371	GSH760	5	439120	4789008	2	180	74	0.9	33.6	12.8
371	GSH760	6	439120	4789008	2	225	90	0.39	29.4	11.2
371	GSH760	7	439120	4789008	2	270	90	0.39	29.5	11.3
371	GSH760	8	439120	4789008	2	315	90	0.39	29.4	11.2
1507	GSH761	1	439208	4789407	2	0	80	0.49	27.6	10.5
1507	GSH761	2	439208	4789407	2	45	93	0.49	33.5	12.8
1507	GSH761	3	439208	4789407	2	90	93	0.49	33.6	12.8
1507	GSH761	4	439208	4789407	2	135	93	0.49	33.6	12.8
1507	GSH761	5	439208	4789407	2	180	41	0.42	13.8	5.3
1507	GSH761	6	439208	4789407	2	225	29	0.35	8	3.1
1507	GSH761	7	439208	4789407	2	270	29	0.35	8	3.1
1507	GSH761	8	439208	4789407	2	315	29	0.35	8	3.1
1235	GSH762	1	439271	4789459	2	0	55	0.53	22.4	8.6
1235	GSH762	2	439271	4789459	2	45	55	0.53	22.5	8.6
1235	GSH762	3	439271	4789459	2	90	55	0.53	22.5	8.6
1235	GSH762	4	439271	4789459	2	135	55	0.53	22.4	8.6

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1235	GSH762	5	439271	4789459	2	180	27	0.33	7	2.7
1235	GSH762	6	439271	4789459	2	225	28	0.33	7.1	2.7
1235	GSH762	7	439271	4789459	2	270	28	0.33	7.1	2.7
1235	GSH762	8	439271	4789459	2	315	28	0.33	7.1	2.7
652	GSH763	1	439279	4789483	2	0	54	0.54	22.1	8.4
652	GSH763	2	439279	4789483	2	45	54	0.54	22.3	8.5
652	GSH763	3	439279	4789483	2	90	54	0.54	22.3	8.5
652	GSH763	4	439279	4789483	2	135	54	0.54	22.2	8.5
116	GSH764	1	439295	4789459	2	0	58	0.54	24.6	9.4
116	GSH764	2	439295	4789459	2	45	58	0.54	24.8	9.5
116	GSH764	3	439295	4789459	2	90	58	0.54	24.8	9.5
116	GSH764	4	439295	4789459	2	135	58	0.54	24.7	9.4
1508	GSH765	1	439291	4789435	2	0	62	0.54	25.8	9.9
1508	GSH765	2	439291	4789435	2	45	62	0.54	25.9	9.9
1508	GSH765	3	439291	4789435	2	90	62	0.54	25.9	9.9
1508	GSH765	4	439291	4789435	2	135	62	0.54	25.8	9.9
924	GSH766	2	439465	4788410	2	45	45	0.59	21	8.0
924	GSH766	3	439465	4788410	2	90	46	0.59	21.1	8.1
924	GSH766	4	439465	4788410	2	135	45	0.59	21	8.0
924	GSH766	5	439465	4788410	2	180	45	0.59	20.9	8.0
2086	GSH767	2	439476	4788382	2	45	46	0.6	21.5	8.2
2086	GSH767	3	439476	4788382	2	90	46	0.6	21.6	8.3
2086	GSH767	4	439476	4788382	2	135	46	0.6	21.6	8.3
2086	GSH767	5	439476	4788382	2	180	45	0.6	21.4	8.2
1790	GSH768	2	439509	4788418	2	45	48	0.63	23.7	9.1
1790	GSH768	3	439509	4788418	2	90	49	0.63	23.8	9.1
1790	GSH768	4	439509	4788418	2	135	48	0.63	23.7	9.1
1790	GSH768	5	439509	4788418	2	180	48	0.63	23.7	9.1
1509	GSH769	2	439554	4788402	2	45	51	0.67	27	10.3
1509	GSH769	3	439554	4788402	2	90	51	0.67	27.1	10.4
1509	GSH769	4	439554	4788402	2	135	51	0.67	27.1	10.4
1509	GSH769	5	439554	4788402	2	180	52	0.67	27	10.3
326	GSH77	2	436868	4789554	2	45	30	0.39	9.2	3.5
326	GSH77	3	436868	4789554	2	90	30	0.39	9.3	3.6
326	GSH77	4	436868	4789554	2	135	30	0.39	9.2	3.5
326	GSH77	5	436868	4789554	2	180	30	0.38	9.2	3.5
925	GSH770	1	439643	4788041	2	0	85	0.71	51.3	19.6
925	GSH770	2	439643	4788041	2	45	85	0.72	51.5	19.7
925	GSH770	3	439643	4788041	2	90	85	0.72	51.5	19.7
925	GSH770	4	439643	4788041	2	135	85	0.71	51.2	19.6
2087	GSH771	1	439692	4787986	2	0	33	0.42	11.1	4.2
2087	GSH771	2	439692	4787986	2	45	33	0.43	11.2	4.3
2087	GSH771	3	439692	4787986	2	90	33	0.42	11.1	4.2
2087	GSH771	4	439692	4787986	2	135	33	0.42	10.9	4.2
1791	GSH772	1	439315	4787271	2	0	76	0.4	25.5	9.7
1791	GSH772	6	439315	4787271	2	225	76	0.4	25.5	9.7
1791	GSH772	7	439315	4787271	2	270	76	0.4	25.6	9.8
1791	GSH772	8	439315	4787271	2	315	76	0.4	25.6	9.8
1510	GSH773	1	439334	4787218	2	0	62	0.39	21.7	8.3
1510	GSH773	6	439334	4787218	2	225	62	0.39	21.7	8.3
1510	GSH773	7	439334	4787218	2	270	62	0.39	21.7	8.3
1510	GSH773	8	439334	4787218	2	315	62	0.39	21.7	8.3
1792	GSH774	1	439276	4787195	2	0	45	0.38	14.2	5.4
1792	GSH774	6	439276	4787195	2	225	45	0.38	14.2	5.4
1792	GSH774	7	439276	4787195	2	270	46	0.38	14.3	5.5
1792	GSH774	8	439276	4787195	2	315	46	0.38	14.3	5.5
1793	GSH775	1	439287	4787160	2	0	31	0.28	6.9	2.6
1793	GSH775	6	439287	4787160	2	225	31	0.28	6.9	2.6
1793	GSH775	7	439287	4787160	2	270	31	0.28	7	2.7
1793	GSH775	8	439287	4787160	2	315	31	0.28	7	2.7
372	GSH776	1	439316	4787163	2	0	39	0.33	10.5	4.0
372	GSH776	6	439316	4787163	2	225	39	0.33	10.5	4.0
372	GSH776	7	439316	4787163	2	270	39	0.34	10.6	4.0
372	GSH776	8	439316	4787163	2	315	39	0.34	10.6	4.0
1794	GSH777	1	439343	4787170	2	0	46	0.37	14.1	5.4
1794	GSH777	6	439343	4787170	2	225	46	0.37	14.1	5.4
1794	GSH777	7	439343	4787170	2	270	47	0.37	14.2	5.4
1794	GSH777	8	439343	4787170	2	315	47	0.37	14.2	5.4
2088	GSH778	1	439366	4787178	2	0	53	0.38	17.1	6.5

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
2088	GSH778	6	439366	4787178	2	225	53	0.38	17.1	6.5
2088	GSH778	7	439366	4787178	2	270	53	0.38	17.1	6.5
2088	GSH778	8	439366	4787178	2	315	53	0.38	17.1	6.5
46	GSH79	1	436959	4790044	2	0	28	0.36	8	3.1
46	GSH79	2	436959	4790044	2	45	63	0.36	17	6.5
46	GSH79	3	436959	4790044	2	90	63	0.36	17.1	6.5
46	GSH79	4	436959	4790044	2	135	63	0.36	17	6.5
46	GSH79	5	436959	4790044	2	180	35	0.32	9	3.4
1513	GSH795	1	439537	4789798	2	0	65	0.84	43	16.4
1513	GSH795	2	439537	4789798	2	45	65	0.85	43.3	16.5
1513	GSH795	3	439537	4789798	2	90	65	0.85	43.5	16.6
1513	GSH795	4	439537	4789798	2	135	65	0.85	43.4	16.6
373	GSH796	2	439575	4789835	2	45	70	0.91	50.4	19.3
373	GSH796	3	439575	4789835	2	90	70	0.92	50.6	19.3
373	GSH796	4	439575	4789835	2	135	70	0.92	50.5	19.3
373	GSH796	5	439575	4789835	2	180	70	0.91	50.3	19.2
1241	GSH797	2	439548	4789871	2	45	67	0.86	45.2	17.3
1241	GSH797	3	439548	4789871	2	90	67	0.86	45.4	17.3
1241	GSH797	4	439548	4789871	2	135	67	0.86	45.4	17.3
1241	GSH797	5	439548	4789871	2	180	67	0.86	45.1	17.2
120	GSH798	4	438943	4791090	2	135	54	0.39	18.3	7.0
120	GSH798	5	438943	4791090	2	180	112	0.61	49.7	19.0
120	GSH798	6	438943	4791090	2	225	112	0.61	49.8	19.0
120	GSH798	7	438943	4791090	2	270	112	0.61	49.8	19.0
120	GSH798	8	438943	4791090	2	315	66	0.61	31.3	12.0
926	GSH799	4	438975	4791126	2	135	51	0.38	16.6	6.3
926	GSH799	5	438975	4791126	2	180	106	0.58	45.7	17.5
926	GSH799	6	438975	4791126	2	225	106	0.58	45.9	17.5
926	GSH799	7	438975	4791126	2	270	106	0.58	45.8	17.5
926	GSH799	8	438975	4791126	2	315	66	0.58	29.2	11.2
1460	GSH80	1	436999	4790112	2	0	29	0.38	8.5	3.2
1460	GSH80	2	436999	4790112	2	45	29	0.38	8.5	3.2
1460	GSH80	3	436999	4790112	2	90	29	0.38	8.6	3.3
1460	GSH80	4	436999	4790112	2	135	29	0.38	8.5	3.2
1797	GSH800	5	439001	4791090	2	180	120	0.57	45.9	17.5
1797	GSH800	6	439001	4791090	2	225	120	0.57	46.1	17.6
1797	GSH800	7	439001	4791090	2	270	120	0.57	46	17.6
1797	GSH800	8	439001	4791090	2	315	120	0.57	45.8	17.5
374	GSH801	5	439036	4791109	2	180	117	0.55	43	16.4
374	GSH801	6	439036	4791109	2	225	117	0.55	43.1	16.5
374	GSH801	7	439036	4791109	2	270	117	0.55	43.1	16.5
374	GSH801	8	439036	4791109	2	315	117	0.55	42.9	16.4
121	GSH802	2	439353	4790837	2	45	19	0.27	4.1	1.6
121	GSH802	3	439353	4790837	2	90	19	0.27	4	1.5
121	GSH802	4	439353	4790837	2	135	19	0.27	4	1.5
121	GSH802	5	439353	4790837	2	180	52	0.43	15.5	5.9
121	GSH802	6	439353	4790837	2	225	33	0.43	11.4	4.4
121	GSH802	7	439353	4790837	2	270	33	0.43	11.4	4.4
121	GSH802	8	439353	4790837	2	315	33	0.43	11.4	4.4
2090	GSH803	5	439378	4790850	2	180	33	0.42	10.8	4.1
2090	GSH803	6	439378	4790850	2	225	33	0.42	10.9	4.2
2090	GSH803	7	439378	4790850	2	270	33	0.42	10.9	4.2
2090	GSH803	8	439378	4790850	2	315	33	0.42	10.9	4.2
327	GSH81	1	437009	4790052	2	0	28	0.38	8.6	3.3
327	GSH81	2	437009	4790052	2	45	47	0.38	11.5	4.4
327	GSH81	3	437009	4790052	2	90	47	0.38	11.5	4.4
327	GSH81	4	437009	4790052	2	135	47	0.38	11.5	4.4
327	GSH81	5	437009	4790052	2	180	19	0.2	2.9	1.1
879	GSH82	1	437059	4790173	2	0	31	0.4	9.4	3.6
879	GSH82	2	437059	4790173	2	45	31	0.4	9.5	3.6
879	GSH82	3	437059	4790173	2	90	31	0.4	9.5	3.6
879	GSH82	4	437059	4790173	2	135	31	0.4	9.5	3.6
604	GSH83	2	437095	4790318	2	45	33	0.41	10.4	4.0
604	GSH83	3	437095	4790318	2	90	33	0.41	10.5	4.0
604	GSH83	4	437095	4790318	2	135	33	0.41	10.5	4.0
604	GSH83	5	437095	4790318	2	180	33	0.41	10.4	4.0
1178	GSH84	2	437088	4790351	2	45	33	0.41	10.4	4.0
1178	GSH84	3	437088	4790351	2	90	33	0.41	10.5	4.0
1178	GSH84	4	437088	4790351	2	135	33	0.41	10.4	4.0

Table 5. Shadow Flicker Impact Summary

House ID	Receptor	Window	Easting	Northing	Height (m)	Degrees from North	Days/Year	Max Hours/Year	Total Hours	Corrected Total Hours/Year
1178	GSH84	5	437088	4790351	2	180	32	0.41	10.4	4.0
328	GSH85	2	437079	4790357	2	45	32	0.41	10.3	3.9
328	GSH85	3	437079	4790357	2	90	32	0.41	10.3	3.9
328	GSH85	4	437079	4790357	2	135	32	0.41	10.3	3.9
328	GSH85	5	437079	4790357	2	180	33	0.41	10.3	3.9
329	GSH86	1	437199	4790593	2	0	27	0.35	7.5	2.9
329	GSH86	2	437199	4790593	2	45	77	0.44	24.8	9.5
329	GSH86	3	437199	4790593	2	90	77	0.45	24.9	9.5
329	GSH86	4	437199	4790593	2	135	77	0.45	24.9	9.5
329	GSH86	5	437199	4790593	2	180	50	0.45	17.3	6.6
1179	GSH87	2	437216	4790664	2	45	106	0.45	35.5	13.6
1179	GSH87	3	437216	4790664	2	90	106	0.45	35.7	13.6
1179	GSH87	4	437216	4790664	2	135	106	0.45	35.7	13.6
1179	GSH87	5	437216	4790664	2	180	106	0.45	35.5	13.6
379	GSH874	2	441208	4792035	2	45	71	0.5	31.2	11.9
379	GSH874	3	441208	4792035	2	90	71	0.5	31.3	12.0
379	GSH874	4	441208	4792035	2	135	71	0.5	31.4	12.0
379	GSH874	5	441208	4792035	2	180	71	0.5	31.3	12.0
1520	GSH875	2	441184	4792060	2	45	65	0.47	27.2	10.4
1520	GSH875	3	441184	4792060	2	90	65	0.48	27.4	10.5
1520	GSH875	4	441184	4792060	2	135	65	0.48	27.4	10.5
1520	GSH875	5	441184	4792060	2	180	65	0.47	27.3	10.4
660	GSH876	2	441114	4791847	2	45	45	0.51	18	6.9
660	GSH876	3	441114	4791847	2	90	45	0.51	18.1	6.9
660	GSH876	4	441114	4791847	2	135	45	0.51	18.1	6.9
660	GSH876	5	441114	4791847	2	180	45	0.51	18	6.9
380	GSH877	2	441077	4791813	2	45	41	0.49	15.9	6.1
380	GSH877	3	441077	4791813	2	90	41	0.49	16	6.1
380	GSH877	4	441077	4791813	2	135	41	0.49	15.9	6.1
380	GSH877	5	441077	4791813	2	180	40	0.49	15.8	6.0
2098	GSH878	2	441144	4791860	2	45	47	0.53	19.6	7.5
2098	GSH878	3	441144	4791860	2	90	47	0.53	19.7	7.5
2098	GSH878	4	441144	4791860	2	135	47	0.53	19.7	7.5
2098	GSH878	5	441144	4791860	2	180	47	0.53	19.6	7.5
661	GSH879	2	441161	4791860	2	45	48	0.54	20.5	7.8
661	GSH879	3	441161	4791860	2	90	48	0.54	20.6	7.9
661	GSH879	4	441161	4791860	2	135	48	0.54	20.6	7.9
661	GSH879	5	441161	4791860	2	180	48	0.54	20.5	7.8
1180	GSH88	2	437402	4790656	2	45	97	0.47	37.8	14.4
1180	GSH88	3	437402	4790656	2	90	97	0.48	38	14.5
1180	GSH88	4	437402	4790656	2	135	97	0.48	38	14.5
1180	GSH88	5	437402	4790656	2	180	97	0.48	37.9	14.5
662	GSH880	2	441343	4791958	2	45	85	0.6	45.4	17.3
662	GSH880	3	441343	4791958	2	90	85	0.6	45.7	17.5
662	GSH880	4	441343	4791958	2	135	85	0.6	45.7	17.5
662	GSH880	5	441343	4791958	2	180	85	0.6	45.6	17.4
2099	GSH881	2	441388	4791969	2	45	75	0.64	42.6	16.3
2099	GSH881	3	441388	4791969	2	90	75	0.64	42.9	16.4
2099	GSH881	4	441388	4791969	2	135	75	0.64	43	16.4
2099	GSH881	5	441388	4791969	2	180	75	0.64	42.8	16.3
1248	GSH882	2	441417	4791978	2	45	69	0.65	38.1	14.6
1248	GSH882	3	441417	4791978	2	90	69	0.66	38.3	14.6
1248	GSH882	4	441417	4791978	2	135	69	0.66	38.4	14.7
1248	GSH882	5	441417	4791978	2	180	69	0.66	38.3	14.6
1249	GSH883	1	441158	4791605	2	0	41	0.54	17.6	6.7
1249	GSH883	2	441158	4791605	2	45	41	0.54	17.7	6.8
1249	GSH883	3	441158	4791605	2	90	41	0.54	17.7	6.8
1249	GSH883	4	441158	4791605	2	135	41	0.54	17.7	6.8
381	GSH884	1	441172	4791567	2	0	42	0.55	18.2	7.0
381	GSH884	2	441172	4791567	2	45	42	0.55	18.3	7.0
381	GSH884	3	441172	4791567	2	90	42	0.55	18.3	7.0
381	GSH884	4	441172	4791567	2	135	42	0.55	18.3	7.0
382	GSH885	1	441225	4791607	2	0	45	0.59	20.9	8.0
382	GSH885	2	441225	4791607	2	45	45	0.59	21	8.0
382	GSH885	3	441225	4791607	2	90	45	0.59	21.1	8.1
382	GSH885	4	441225	4791607	2	135	45	0.59	21	8.0
1521	GSH886	1	441552	4791469	2	0	124	1	105.1	40.1
1521	GSH886	2	441552	4791469	2	45	125	1.01	105.7	40.4
1521	GSH886	3	441552	4791469	2	90	125	1.01	105.8	40.4