

Pike County Solar Project**Maximum Expected Pile Driving Noise Levels (dBA)**

Receiver	Maximum Pile Driving Noise from Nearest Pile Driver	Estimated Daytime Ambient Condition ⁽¹⁾	Cumulative Noise Level (Pile Driving Plus Ambient)	Increase Over Estimated Daytime Ambient Condition
Residence 1	37	40	42	2
Residence 2	37	40	42	2
Residence 3	38	40	42	2
Residence 4	38	40	42	2
Residence 5	42	40	44	4
Residence 6	39	40	43	3
Residence 7	32	40	41	1
Residence 8	47	40	48	8
Residence 9	45	40	46	6
Residence 10	48	40	49	9
Residence 11	46	40	47	7
Residence 12	46	40	47	7
Residence 13	46	40	47	7
Residence 14	45	40	46	6
Residence 15	45	40	46	6
Residence 16	47	40	48	8
Residence 17	54	40	54	14
Residence 18	45	40	46	6
Residence 19	45	40	46	6
Residence 20	42	40	44	4
Residence 21	35	40	41	1
Residence 22	39	40	43	3
Residence 23	39	40	43	3
Residence 24	38	40	42	2
Residence 25	38	40	42	2
Residence 26	39	40	43	3
Residence 27	39	40	43	3
Residence 28	39	40	43	3
Residence 29	39	40	43	3
Residence 30	39	40	43	3
Residence 31	39	40	43	3

Receiver	Maximum Pile Driving Noise from Nearest Pile Driver	Estimated Daytime Ambient Condition ⁽¹⁾	Cumulative Noise Level (Pile Driving Plus Ambient)	Increase Over Estimated Daytime Ambient Condition
Residence 32	39	40	43	3
Residence 33	38	40	42	2
Residence 34	39	40	43	3
Residence 35	39	40	43	3
Residence 36	39	40	43	3
Residence 37	39	40	43	3
Residence 38	39	40	43	3
Residence 39	39	40	43	3
Residence 40	39	40	43	3
Residence 41	39	40	43	3
Residence 42	39	40	43	3
Residence 43	39	40	43	3
Residence 44	39	40	43	3
Residence 45	39	40	43	3
Residence 46	39	40	43	3
Residence 47	39	40	43	3
Residence 48	39	40	43	3
Residence 49	39	40	43	3
Residence 50	39	40	43	3
Residence 51	38	40	42	2
Residence 52	33	40	41	1
Residence 53	41	40	44	4
Residence 54	40	40	43	3
Residence 55	40	40	43	3
Residence 56	59	40	59	19
Residence 57	58	40	58	18
Residence 58	57	40	57	17
Residence 59	58	40	58	18
Residence 60	59	40	59	19
Residence 61	58	40	58	18
Residence 62	58	40	58	18
Residence 63	57	40	57	17

Receiver	Maximum Pile Driving Noise from Nearest Pile Driver	Estimated Daytime Ambient Condition ⁽¹⁾	Cumulative Noise Level (Pile Driving Plus Ambient)	Increase Over Estimated Daytime Ambient Condition
Residence 64	57	40	57	17
Residence 65	31	40	41	1
Residence 66	31	40	41	1
Residence 67	46	40	47	7
Residence 68	50	40	50	10
Residence 69	48	40	49	9
Residence 70	47	40	48	8
Residence 71	45	40	46	6
Residence 72	45	40	46	6
Residence 73	43	40	45	5
Residence 74	47	40	48	8
Residence 75	46	40	47	7
Residence 76	36	40	41	1
Residence 77	46	40	47	7
Residence 78	55	40	55	15
Residence 79	43	40	45	5
Residence 80	43	40	45	5
Residence 81	46	40	47	7
Residence 82	48	40	49	9
Residence 83	39	40	43	3
Residence 84	41	40	44	4
Residence 85	42	40	44	4
Residence 86	42	40	44	4
Residence 87	43	40	45	5
Residence 88	39	40	43	3
Residence 89	40	40	43	3
Residence 90	43	40	45	5
Residence 91	40	40	43	3
Residence 92	41	40	44	4
Residence 93	38	40	42	2
Residence 94	32	40	41	1
Residence 95	31	40	41	1

Receiver	Maximum Pile Driving Noise from Nearest Pile Driver	Estimated Daytime Ambient Condition ⁽¹⁾	Cumulative Noise Level (Pile Driving Plus Ambient)	Increase Over Estimated Daytime Ambient Condition
Residence 96	34	40	41	1
Residence 97	33	40	41	1
Residence 98	32	40	41	1
Residence 99	33	40	41	1
Residence 100	36	40	41	1
Residence 101	32	40	41	1
Residence 102	35	40	41	1
Residence 103	32	40	41	1
Residence 104	32	40	41	1
Residence 105	32	40	41	1
Residence 106	32	40	41	1
Residence 107	32	40	41	1
Residence 108	37	40	42	2
Residence 109	31	40	41	1

(1) Estimated ambient condition as provided in noise assessment report.