

DOCKETED

Docket Number:	23-AFC-03
Project Title:	Black Rock Geothermal Project (BRGP)
TN #:	249764
Document Title:	Black Rock Geothermal Project AFC Volume 2 Appendix 5-7 Noise
Description:	N/A
Filer:	Jerry Salamy
Organization:	Jacobs
Submitter Role:	Applicant Consultant
Submission Date:	4/18/2023 11:53:42 AM
Docketed Date:	4/18/2023

Appendix 5.7A

Summary of Sound Monitoring Data



Table 5.7A-1. Summary of Sound Measurements at M1 (dBA)

Time	Leq	L10	L50	L90
1/31/2023 14:00	42	45	39	33
1/31/2023 15:00	41	44	37	34
1/31/2023 16:00	41	44	39	35
1/31/2023 17:00	42	44	40	36
1/31/2023 18:00	43	46	41	37
1/31/2023 19:00	48	51	44	38
1/31/2023 20:00	45	49	43	38
1/31/2023 21:00	41	43	39	35
1/31/2023 22:00	49	53	43	37
1/31/2023 23:00	53	56	50	46
2/1/2023 0:00	48	51	46	42
2/1/2023 1:00	49	52	47	41
2/1/2023 2:00	50	53	48	43
2/1/2023 3:00	50	53	46	41
2/1/2023 4:00	52	56	48	42
2/1/2023 5:00	50	54	46	41
2/1/2023 6:00	53	56	51	45
2/1/2023 7:00	51	54	47	44
2/1/2023 8:00	53	55	47	39
2/1/2023 9:00	39	40	35	32
2/1/2023 10:00	37	40	34	32
2/1/2023 11:00	36	38	34	32
2/1/2023 12:00	41	44	38	35
2/1/2023 13:00	44	44	38	34
2/1/2023 14:00	41	44	38	34
2/1/2023 15:00	55	56	41	37

Table 5.7A-2. Summary of Sound Measurements at M2 (dBA)

Time	Leq	L10	L50	L90
1/31/2023 15:00	47	50	44	37
1/31/2023 16:00	42	46	40	34
1/31/2023 17:00	48	43	35	31
1/31/2023 18:00	38	37	32	30
1/31/2023 19:00	35	35	32	31
1/31/2023 20:00	34	36	33	31
1/31/2023 21:00	36	34	32	31
1/31/2023 22:00	34	36	32	30
1/31/2023 23:00	35	35	31	28
2/1/2023 0:00	36	32	30	28
2/1/2023 1:00	35	32	30	29
2/1/2023 2:00	32	35	30	27
2/1/2023 3:00	36	39	35	32
2/1/2023 4:00	37	38	34	31
2/1/2023 5:00	42	42	36	33
2/1/2023 6:00	53	58	46	37
2/1/2023 7:00	48	50	45	40
2/1/2023 8:00	50	49	43	37
2/1/2023 9:00	51	52	45	40
2/1/2023 10:00	51	57	38	32
2/1/2023 11:00	41	40	34	29
2/1/2023 12:00	38	41	35	28
2/1/2023 13:00	53	50	40	35
2/1/2023 14:00	45	48	42	34
2/1/2023 15:00	43	46	38	32

Table 5.7A-3. Summary of Sound Measurements at M3 (dBA)

Time	Leq	L10	L50	L90
1/30/2023 16:00	49	53	48	44
1/30/2023 17:00	51	53	51	49
1/30/2023 18:00	51	53	50	48
1/30/2023 19:00	48	50	48	47
1/30/2023 20:00	50	52	49	47
1/30/2023 21:00	50	52	50	49
1/30/2023 22:00	50	51	50	49
1/30/2023 23:00	49	51	49	46
1/31/2023 0:00	45	47	44	42
1/31/2023 1:00	44	45	43	41
1/31/2023 2:00	45	46	44	40
1/31/2023 3:00	44	45	43	40
1/31/2023 4:00	45	46	44	42
1/31/2023 5:00	47	49	46	44
1/31/2023 6:00	49	51	48	46
1/31/2023 7:00	49	52	48	46
1/31/2023 8:00	48	50	47	45
1/31/2023 9:00	47	49	45	42
1/31/2023 10:00	52	54	45	41
1/31/2023 11:00	48	51	43	41
1/31/2023 12:00	44	46	42	39
1/31/2023 13:00	46	50	42	39
1/31/2023 14:00	47	46	40	37
1/31/2023 15:00	46	50	42	38
1/31/2023 16:00	45	48	41	37
1/31/2023 17:00	51	48	43	41
1/31/2023 18:00	45	46	44	42
1/31/2023 19:00	46	47	44	42
1/31/2023 20:00	48	50	46	44
1/31/2023 21:00	47	48	46	45
1/31/2023 22:00	47	49	46	45
1/31/2023 23:00	46	48	45	43
2/1/2023 0:00	47	50	44	42
2/1/2023 1:00	48	49	47	44
2/1/2023 2:00	48	50	47	45
2/1/2023 3:00	48	50	47	45
2/1/2023 4:00	50	52	48	45
2/1/2023 5:00	48	52	46	42
2/1/2023 6:00	51	54	50	48
2/1/2023 7:00	52	55	50	47
2/1/2023 8:00	56	54	49	46
2/1/2023 9:00	47	52	42	40
2/1/2023 10:00	47	52	42	39
2/1/2023 11:00	43	46	40	38
2/1/2023 12:00	46	48	43	39
2/1/2023 13:00	46	48	43	41
2/1/2023 14:00	50	49	43	40

Table 5.7A-4. Summary of Sound Measurements at M4 (dBA)

Time	Leq	L10	L50	L90
1/31/2023 10:40	47	50	43	36
1/31/2023 10:50	42	44	39	35
1/31/2023 11:00	39	42	36	32
1/31/2023 11:10	39	43	36	32
1/31/2023 11:20	40	44	36	33
1/31/2023 11:30	36	39	35	32
1/31/2023 11:40	45	48	39	34
1/31/2023 11:50	40	43	38	35
1/31/2023 12:00	45	43	40	36
1/31/2023 12:10	43	45	40	36
1/31/2023 12:20	39	42	37	34
2/1/2023 13:20	42	44	36	32
2/1/2023 13:30	47	47	38	34
2/1/2023 13:40	46	50	41	34

Table 5.7A-5. Summary of Sound Measurements at M5 (dBA)

Time	Leq	L10	L50	L90
1/30/2023 15:00	42	44	39	36
1/30/2023 16:00	41	43	38	34
1/30/2023 17:00	41	43	40	35
1/30/2023 18:00	48	51	45	41
1/30/2023 19:00	46	49	42	37
1/30/2023 20:00	51	56	48	42
1/30/2023 21:00	51	55	48	43
1/30/2023 22:00	43	46	41	38
1/30/2023 23:00	44	48	42	38
1/31/2023 0:00	45	48	43	39
1/31/2023 1:00	43	46	40	38
1/31/2023 2:00	41	42	40	38
1/31/2023 3:00	41	43	40	38
1/31/2023 4:00	41	42	40	38
1/31/2023 5:00	46	49	42	39
1/31/2023 6:00	52	55	48	43
1/31/2023 7:00	49	53	46	41
1/31/2023 8:00	49	53	46	40
1/31/2023 9:00	43	46	39	34
1/31/2023 10:00	48	52	42	35
1/31/2023 11:00	46	49	42	37
1/31/2023 12:00	51	55	47	40
1/31/2023 13:00	48	51	43	37
1/31/2023 14:00	49	53	46	38
1/31/2023 15:00	44	47	40	37
1/31/2023 16:00	43	46	39	35
1/31/2023 17:00	50	43	39	36
1/31/2023 18:00	40	43	38	34
1/31/2023 19:00	51	45	39	35
1/31/2023 20:00	45	49	41	36
1/31/2023 21:00	46	49	42	37
1/31/2023 22:00	42	46	36	33
1/31/2023 23:00	37	39	37	33
2/1/2023 0:00	39	41	38	35
2/1/2023 1:00	38	40	38	36
2/1/2023 2:00	43	44	42	40
2/1/2023 3:00	41	43	41	38
2/1/2023 4:00	40	41	34	32
2/1/2023 5:00	45	47	38	34
2/1/2023 6:00	52	54	44	37
2/1/2023 7:00	50	53	46	43
2/1/2023 8:00	52	49	43	39
2/1/2023 9:00	41	43	40	37