

## Noise Model Results

Table J1: Noise Level Modeling Results: No Action Alternative

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	Noise Abatement Criteria	2028 No Action Impact? (Yes/No)
		Leq in dBa				
<b>Cascade Locks Analysis Area</b>						
1 (R)	1	72	74	2	65	Yes
2 (R)	1	63	65	2	65	Yes
3 (R)	1	64	65	1	65	Yes
4 (R)	1	65	67	2	65	Yes
5 (R)	1	66	68	2	65	Yes
6 (R)	1	68	69	1	65	Yes
7 (R)	1	69	71	2	65	Yes
8 (R)	1	63	65	2	65	Yes
9 (R)	1	68	70	2	65	Yes
10 (R)	1	66	68	2	65	Yes
11 (R)	1	68	70	2	65	Yes
12 (R)	1	66	68	2	65	Yes
13 (R)	1	65	67	2	65	Yes
14 (R)	1	68	70	2	65	Yes
15 (R)	1	62	64	2	65	No
16 (R)	1	66	67	1	65	Yes
17 (R)	1	65	67	2	65	Yes
18 (R)	1	70	72	2	65	Yes
19 (R)	1	66	68	2	65	Yes
20 (R)	2	69	71	2	65	Yes
21 (R)	2	67	68	1	65	Yes
22 (R)	8	71	73	2	65	Yes
23 (R)	2	71	73	2	65	Yes
24 (R)	5	63	64	1	65	No
25 (R)	1	66	68	2	65	Yes
26 (C)	1	67	69	2	70	No
27 (C)	1	61	63	2	70	No
28 (R)	2	64	66	2	65	Yes
29 (R)	1	70	72	2	65	Yes
30 (R)	2	68	70	2	65	Yes

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Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	Noise Abatement Criteria	2028 No Action Impact? (Yes/No)
31 (R)	1	66	68	2	65	Yes
32 (R)	1	59	61	2	65	No
33 (R)	1	62	64	2	65	No
34 (R)	1	66	68	2	65	Yes
35 (C)	2	66	68	2	70	No
36 (C)	1	66	68	2	70	No
37 (C)	1	66	68	2	70	No
38 (C)	1	63	65	2	70	No
39 (R)	1	65	68	3	65	Yes
40 (C)	1	62	65	3	70	No
41 (C)	1	61	65	4	70	No
42 (C)	2	62	65	3	70	No
43 (C)	1	60	63	3	70	No
44 (C)	1	63	66	3	70	No
45 (C)	1	63	66	3	70	No
46 (C)	1	61	64	3	70	No
47 (C)	1	63	67	4	70	No
48 (C)	1	59	62	3	70	No
49 (C)	1	59	62	3	70	No
50 (C)	1	60	63	3	70	No
51 (C)	1	61	64	3	70	No
52 (C)	1	56	59	3	70	No
53 (C)	1	62	65	3	70	No
54 (R)	1	56	58	2	65	No
55 (R)	1	56	58	2	65	No
56 (C)	1	63	66	3	70	No
57 (R)	1	57	60	3	65	No
58 (R)	1	57	59	2	65	No
59 (R)	1	60	63	3	65	No
60 (R)	1	52	55	3	65	No
61 (R)	1	62	65	3	65	Yes
62 (R)	2	60	63	3	65	No
63 (C)	1	59	61	2	70	No
64 (R)	1	60	63	3	65	No

Table J1: Noise Level Modeling Results: No Action Alternative

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	Noise Abatement Criteria	2028 No Action Impact? (Yes/No)
		Leq in dBa				
65 (R)	1	60	63	3	65	No
66 (R)	2	61	64	3	65	No
67 (R)	2	57	60	3	65	No
68 (R)	2	56	59	3	65	No
69 (R)	1	58	62	4	65	No
70 (R)	3	57	61	4	65	No
71 (C)	1	55	59	4	70	No
72 (C)	1	56	60	4	70	No
73 (R)	1	56	61	5	65	No
74 (R)	1	57	62	5	65	No
75 (R)	4	56	61	5	65	No
76 (R)	8	55	59	4	65	No
77 (R)	3	59	64	5	65	No
78 (R)	5	57	62	5	65	No
79 (R)	2	56	61	5	65	No
80 (R)	1	58	63	5	65	No
81 (R)	1	58	62	4	65	No
82 (R)	1	58	62	4	65	No
83 (R)	1	58	61	3	65	No
84 (R)	3	58	62	4	65	No
85 (R)	2	58	63	5	65	No
86 (R)	3	59	63	4	65	No
87 (R)	7	58	62	4	65	No
88 (R)	2	59	63	4	65	No
89 (R)	1	58	62	4	65	No
90 (R)	3	59	64	5	65	No
91 (R)	1	58	62	4	65	No
92 (R)	3	58	62	4	65	No
93 (R)	3	56	60	4	65	No
94 (R)	2	55	59	4	65	No
95 (R)	1	56	59	3	65	No
96 (R)	11	55	59	4	65	No
97 (R)	1	53	57	4	65	No
98 (R)	10	54	58	4	65	No

Table J1: Noise Level Modeling Results: No Action Alternative

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	Noise Abatement Criteria	2028 No Action Impact? (Yes/No)
		Leq in dBa				
99 (R)	2	54	57	3	65	No
100 (C)	1	57	59	2	70	No
101 (R)	45	46	48	2	65	No
<b>Hood River Analysis Area</b>						
1 (C)	1	63	64	1	70	No
2 (C)	1	61	62	1	70	No
3 (C)	1	55	57	2	70	No
4 (R)	1	58	59	1	65	No
5 (R)	1	57	58	1	65	No
6 (R)	1	56	57	1	65	No
7 (R)	1	52	54	2	65	No
8 (R)	1	54	56	2	65	No
9 (R)	1	51	53	2	65	No
<b>Warm Springs Analysis Area</b>						
1 (C)	1	46	51	5	70	No
2 (R)	1	55	58	3	65	No
3 (R)	1	57	58	1	65	No
4 (R)	1	50	52	2	65	No
5 (R)	1	49	50	1	65	No
6 (R)	1	48	50	2	65	No
7 (R)	1	48	50	2	65	No
8 (R)	1	60	61	1	65	No
9 (R)	1	56	57	1	65	No
10 (R)	1	59	61	2	65	No
11 (R)	1	58	59	1	65	No
12 (R)	1	55	56	1	65	No
13 (R)	1	54	55	1	65	No
14 (R)	1	54	56	2	65	No
15 (R)	1	59	60	1	65	No
16 (R)	1	60	61	1	65	No
17 (R)	1	62	63	1	65	No
18 (R)	1	60	61	1	65	No
19 (R)	1	55	56	1	65	No
20 (R)	1	54	55	1	65	No

Table J2: Noise Level Modeling Results: Proposed Cascade Locks Resort and Casino Project

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	2028 Noise Level with Cascade Locks Resort and Casino	Noise Abatement Criteria	Relative Increase Between Existing and with Cascade Locks Resort and Casino	2028 Cascade Locks Resort and Casino Impact? (Yes/No)
1 (R)	1	72	74	2	76	65	4	Yes
2 (R)	1	63	65	2	66	65	3	Yes
3 (R)	1	64	65	1	67	65	3	Yes
4 (R)	1	65	67	2	68	65	3	Yes
5 (R)	1	66	68	2	70	65	4	Yes
6 (R)	1	68	69	1	71	65	3	Yes
7 (R)	1	69	71	2	73	65	4	Yes
8 (R)	1	63	65	2	66	65	3	Yes
9 (R)	1	68	70	2	71	65	3	Yes
10 (R)	1	66	68	2	69	65	3	Yes
11 (R)	1	68	70	2	71	65	3	Yes
12 (R)	1	66	68	2	70	65	4	Yes
13 (R)	1	65	67	2	69	65	4	Yes
14 (R)	1	68	70	2	71	65	3	Yes
15 (R)	1	62	64	2	65	65	3	Yes
16 (R)	1	66	67	1	69	65	3	Yes
17 (R)	1	65	67	2	68	65	3	Yes
18 (R)	1	70	72	2	73	65	3	Yes
19 (R)	1	66	68	2	69	65	3	Yes
20 (R)	2	69	71	2	73	65	4	Yes
21 (R)	2	67	68	1	70	65	3	Yes
22 (R)	8	71	73	2	74	65	3	Yes
23 (R)	2	71	73	2	75	65	4	Yes
24 (R)	5	63	64	1	66	65	3	Yes
25 (R)	1	66	68	2	69	65	3	Yes
26 (C)	1	67	69	2	70	70	3	Yes
27 (C)	1	61	63	2	64	70	3	No
28 (R)	2	64	66	2	67	65	3	Yes
29 (R)	1	70	72	2	73	65	3	Yes
30 (R)	2	68	70	2	71	65	3	Yes
31 (R)	1	66	68	2	69	65	3	Yes

Table J2: Noise Level Modeling Results: Proposed Cascade Locks Resort and Casino Project

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	2028 Noise Level with Cascade Locks Resort and Casino	Noise Abatement Criteria	Relative Increase Between Existing and with Cascade Locks Resort and Casino	2028 Cascade Locks Resort and Casino Impact? (Yes/No)
32 (R)	1	59	61	2	63	65	4	No
33 (R)	1	62	64	2	66	65	4	Yes
34 (R)	1	66	68	2	69	65	3	Yes
35 (C)	2	66	68	2	69	70	3	No
36 (C)	1	66	68	2	69	70	3	No
37 (C)	1	66	68	2	71	70	5	Yes
38 (C)	1	63	65	2	66	70	3	No
39 (R)	1	65	68	3	68	65	3	Yes
40 (C)	1	62	65	3	65	70	3	No
41 (C)	1	61	65	4	65	70	4	No
42 (C)	2	62	65	3	65	70	3	No
43 (C)	1	60	63	3	64	70	4	No
44 (C)	1	63	66	3	66	70	3	No
45 (C)	1	63	66	3	67	70	4	No
46 (C)	1	61	64	3	65	70	4	No
47 (C)	1	63	67	4	67	70	4	No
48 (C)	1	59	62	3	63	70	4	No
49 (C)	1	59	62	3	63	70	4	No
50 (C)	1	60	63	3	64	70	4	No
51 (C)	1	61	64	3	64	70	3	No
52 (C)	1	56	59	3	60	70	4	No
53 (C)	1	62	65	3	65	70	3	No
54 (R)	1	56	58	2	59	65	3	No
55 (R)	1	56	58	2	59	65	3	No
56 (C)	1	63	66	3	66	70	3	No
57 (R)	1	57	60	3	60	65	3	No
58 (R)	1	57	59	2	60	65	3	No
59 (R)	1	60	63	3	63	65	3	No
60 (R)	1	52	55	3	56	65	4	No
61 (R)	1	62	65	3	65	65	3	Yes
62 (R)	2	60	63	3	63	65	3	No
63 (C)	1	59	61	2	62	70	3	No

Table J2: Noise Level Modeling Results: Proposed Cascade Locks Resort and Casino Project

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	2028 Noise Level with Cascade Locks Resort and Casino	Noise Abatement Criteria	Relative Increase Between Existing and with Cascade Locks Resort and Casino	2028 Cascade Locks Resort and Casino Impact? (Yes/No)
64 (R)	1	60	63	3	64	65	4	No
65 (R)	1	60	63	3	63	65	3	No
66 (R)	2	61	64	3	65	65	4	Yes
67 (R)	2	57	60	3	60	65	3	No
68 (R)	2	56	59	3	60	65	4	No
69 (R)	1	58	62	4	62	65	4	No
70 (R)	3	57	61	4	61	65	4	No
71 (C)	1	55	59	4	59	70	4	No
72 (C)	1	56	60	4	60	70	4	No
73 (R)	1	56	61	5	60	65	4	No
74 (R)	1	57	62	5	61	65	4	No
75 (R)	4	56	61	5	61	65	5	No
76 (R)	8	55	59	4	59	65	4	No
77 (R)	3	59	64	5	63	65	4	No
78 (R)	5	57	62	5	62	65	5	No
79 (R)	2	56	61	5	61	65	5	No
80 (R)	1	58	63	5	63	65	5	No
81 (R)	1	58	62	4	62	65	4	No
82 (R)	1	58	62	4	62	65	4	No
83 (R)	1	58	61	3	61	65	3	No
84 (R)	3	58	62	4	62	65	4	No
85 (R)	2	58	63	5	62	65	4	No
86 (R)	3	59	63	4	63	65	4	No
87 (R)	7	58	62	4	62	65	4	No
88 (R)	2	59	63	4	63	65	4	No
89 (R)	1	58	62	4	62	65	4	No
90 (R)	3	59	64	5	63	65	4	No
91 (R)	1	58	62	4	62	65	4	No
92 (R)	3	58	62	4	62	65	4	No
93 (R)	3	56	60	4	60	65	4	No
94 (R)	2	55	59	4	59	65	4	No
95 (R)	1	56	59	3	60	65	4	No

Table J2: Noise Level Modeling Results: Proposed Cascade Locks Resort and Casino Project

Receptor ID (Land Use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	2028 Noise Level with Cascade Locks Resort and Casino	Noise Abatement Criteria	Relative Increase Between Existing and with Cascade Locks Resort and Casino	2028 Cascade Locks Resort and Casino Impact? (Yes/No)
96 (R)	11	55	59	4	62	65	7	No
97 (R)	1	53	57	4	60	65	7	No
98 (R)	10	54	58	4	62	65	8	No
99 (R)	2	54	57	3	61	65	7	No
100 (C)	1	57	59	2	61	70	4	No
101 (R)	45	46	48	2	48	65	2	No

Table J3: Noise Level Modeling Results – Hood River Alternative

Receptor ID (land use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	2028 Noise Level with Hood River Alternative	Noise Abatement Criteria	Relative Increase Between Existing and with Hood River Alternative	2028 Hood River Alternative Impact? (Yes/No)
1 (C)	1	63	64	1	68	70	5	No
2 (C)	1	61	62	1	70	70	9	Yes
3 (C)	1	55	57	2	73	70	18	Yes
4 (R)	1	58	59	1	70	65	12	Yes
5 (R)	1	57	58	1	68	65	11	Yes
6 (R)	1	56	57	1	81	65	25	Yes
7 (R)	1	52	54	2	73	65	21	Yes
8 (R)	1	54	56	2	69	65	15	Yes
9 (R)	1	51	53	2	77	65	26	Yes

Table J4: Noise Level Modeling Results – Warm Springs Alternative

Receptor ID (land use)	Number of Units Represented	2005 Existing Noise Level	2028 No Action Noise Level	Relative Increase Between Existing and 2028 No Action	2028 Noise Level with Warm Springs Alternative	Noise Abatement Criteria	Relative Increase Between Existing and with Warm Springs Alternative	2028 Warm Springs Alternative Impact? (Yes/No)
1 (C)	1	46	51	5	52	70	6	No
2 (R)	1	55	58	3	59	65	4	No
3 (R)	1	57	58	1	59	65	2	No
4 (R)	1	50	52	2	52	65	2	No
5 (R)	1	49	50	1	51	65	2	No
6 (R)	1	48	50	2	50	65	2	No
7 (R)	1	48	50	2	50	65	2	No
8 (R)	1	60	61	1	62	65	2	No
9 (R)	1	56	57	1	57	65	1	No
10 (R)	1	59	61	2	61	65	2	No
11 (R)	1	58	59	1	60	65	2	No
12 (R)	1	55	56	1	57	65	2	No
13 (R)	1	54	55	1	56	65	2	No
14 (R)	1	54	56	2	56	65	2	No
15 (R)	1	59	60	1	61	65	2	No
16 (R)	1	60	61	1	62	65	2	No
17 (R)	1	62	63	1	63	65	1	No
18 (R)	1	60	61	1	61	65	1	No
19 (R)	1	55	56	1	56	65	1	No
20 (R)	1	54	55	1	56	65	2	No