

APPENDIX B.2.3
NOISE IMPACT ASSESSMENT TABLES FOR STUDY AREA 3

- FEIS SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 3
- MODIFIED SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 3
- NO-ACTION ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 3

FEIS SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 3

Receptor		Existing Sound Level (dBA)	FEIS Selected Alternative (2030) (dBA)	Difference Between Existing and 2030 Build (dBA)	Applicable Noise Abatement Criteria Level	Noise Impact/Type	
						Approach or Exceed NAC?	Substantial Increase Over Existing?
H-5	Residential	51	58	7	67	No	No
H-6	Church	50	55	5	67	No	No
H-7h	Residential	48	62	14	67	No	Yes
H-7p	Residential	48	68	20	67	Yes	Yes
H-8	Residential	47	60	13	67	No	Yes
H-9	Residential	49	61	12	67	No	Yes
H-11	Residential	45	68	23	67	Yes	Yes
H-12	Residential	43	70	27	67	Yes	Yes
H-13	Residential	46	64	18	67	No	Yes
R-TRC-2	Residential	52	62	10	67	No	Yes
40	Residential	55	62	8	67	No	No
39	Residential	50	64	14	67	No	Yes
37	Residential	50	59	9	67	No	No
36	Residential	48	51	3	67	No	No
R-28 Bridgepoint	Residential	50	58	8	67	No	No
R-29 Bridgepoint	Residential	55	70	16	67	Yes	Yes
R-30 Bridgepoint	Residential	55	69	14	67	Yes	Yes
R-21 Green Spring/Wolf Creek	Residential	55	71	16	67	Yes	Yes
R-22 Green Spring/Wolf Creek	Residential	58	72	13	67	Yes	Yes
R-23 Green Spring/Wolf Creek	Residential	65	66	1	67	Yes	No
R-24 Green Spring/Wolf Creek	Residential	69	75	6	67	Yes	No

R-25 Green Spring/Wolf Creek	Residential	54	64	10	67	No	No
R-41 Green Spring/Wolf Creek	Residential	57	63	6	67	No	No
R-26 Wolf Pen Woods	Residential	59	61	3	67	No	No
R-27 Wolf Pen Woods	Residential	57	62	5	67	No	No
27a	Residential	55	78	23	67	Yes	Yes
27b	Residential	52	78	26	67	Yes	Yes
27c	Residential	43	60	17	67	No	Yes
27d	Residential	54	70	16	67	Yes	Yes

MODIFIED SELECTED ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 3

Receptor		Existing Sound Level (dBA)	Modified Selected Alternative (2030) (dBA)	Difference Between Existing and 2030 Build (dBA)	Applicable Noise Abatement Criteria Level	Noise Impact/Type	
						Approach or Exceed NAC?	Substantial Increase Over Existing?
H-5	Residential	51	58	7	67	No	No
H-6	Church	50	55	5	67	No	No
H-7h	Residential	48	62	14	67	No	Yes
H-7p	Residential	48	68	20	67	Yes	Yes
H-8	Residential	47	60	13	67	No	Yes
H-9	Residential	49	61	12	67	No	Yes
H-11	Residential	45	68	23	67	Yes	Yes
H-12	Residential	43	70	27	67	Yes	Yes
H-13	Residential	46	64	18	67	No	Yes
R-TRC-2	Residential	52	62	10	67	No	Yes
40	Residential	55	62	8	67	No	No
39	Residential	50	64	14	67	No	Yes
37	Residential	50	59	9	67	No	No
36	Residential	48	51	3	67	No	No
R-28 Bridgepoint	Residential	50	59	8	67	No	No
R-29 Bridgepoint	Residential	55	70	16	67	Yes	Yes
R-30 Bridgepoint	Residential	55	69	14	67	Yes	Yes
R-21 Green Spring/Wolf Creek	Residential	55	71	16	67	Yes	Yes
R-22 Green Spring/Wolf Creek	Residential	58	71	13	67	Yes	Yes
R-23 Green Spring/Wolf Creek	Residential	65	66	1	67	Yes	No
R-24 Green Spring/Wolf Creek	Residential	69	75	7	67	Yes	No
R-25 Green	Residential	54	64	10	67	No	No

Spring/Wolf Creek							
R-41 Green Spring/Wolf Creek	Residential	57	63	6	67	No	No
R-26 Wolf Pen Woods	Residential	59	61	3	67	No	No
R-27 Wolf Pen Woods	Residential	57	62	5	67	No	No
27a	Residential	55	78	23	67	Yes	Yes
27b	Residential	52	78	26	67	Yes	Yes
27c	Residential	43	60	17	67	No	Yes
27d	Residential	54	70	16	67	Yes	Yes
Receptor 1	Church	66	70	4	67	Yes	No
1	Residential	54	58	4	67	No	No
2	Residential	55	60	5	67	No	No
3	Residential	57	63	6	67	No	No
4	Residential	60	65	5	67	No	No
5	Residential	62	67	5	67	Yes	No
6	Residential	65	69	4	67	Yes	No
7	Residential	66	70	4	67	Yes	No
8	Residential	65	70	5	67	Yes	No
9	Residential	63	68	5	67	Yes	No
10	Residential	61	66	5	67	No	No
11	Residential	59	64	5	67	No	No
12	Residential	58	62	4	67	No	No
13	Residential	53	58	5	67	No	No
14	Residential	54	58	4	67	No	No
15	Residential	54	58	4	67	No	No
16	Residential	55	60	5	67	No	No
17	Residential	57	62	5	67	No	No
18	Residential	57	62	5	67	No	No

19	Residential	57	62	5	67	No	No
20	Residential	56	61	5	67	No	No
21	Residential	55	59	4	67	No	No
22	Residential	54	59	5	67	No	No
23	Residential	55	60	5	67	No	No
24	Church	63	68	5	67	Yes	No
25	Church	61	66	5	67	No	No
26	Church	59	63	4	67	No	No
27	Church	63	67	4	67	Yes	No
28	Church	68	69	1	67	Yes	No
29	Church	63	65	2	67	No	No
30	Church	59	63	4	67	No	No
31	Church	64	65	1	67	No	No

NO-ACTION ALTERNATIVE IMPACT ASSESSMENT FOR STUDY AREA 3

Receptor		Existing Sound Level (dBA)	2030 No Action Alternative (2030) (dBA)	Difference Between Existing and 2030 No Action (dBA)	Applicable Noise Abatement Criteria Level	Noise Impact/Type	
						Approach or Exceed NAC?	Substantial Increase Over Existing?
H-5	Residential	51	59	7	67	No	No
H-6	Church	50	53	3	67	No	No
H-7h	Residential	48	52	4	67	No	No
H-7p	Residential	48	50	2	67	No	No
H-8	Residential	47	43	-4	67	No	No
H-9	Residential	49	40	-10	67	No	No
H-11	Residential	45	34	-11	67	No	No
H-12	Residential	43	33	-10	67	No	No
H-13	Residential	46	31	-15	67	No	No
R-TRC-2	Residential	52	56	3	67	No	No
40	Residential	55	25	-30	67	No	No
39	Residential	50	35	-16	67	No	No
37	Residential	50	37	-13	67	No	No
36	Residential	48	23	-24	67	No	No
R-28 Bridgepoint	Residential	50	65	15	67	No	Yes
R-29 Bridgepoint	Residential	55	69	15	67	Yes	Yes
R-30 Bridgepoint	Residential	55	70	15	67	Yes	Yes
R-21 Green Spring/Wolf Creek	Residential	55	63	8	67	No	No
R-22 Green Spring/Wolf Creek	Residential	58	64	6	67	No	No

R-23 Green Spring/Wolf Creek	Residential	65	58	-6	67	No	No
R-24 Green Spring/Wolf Creek	Residential	69	69	0	67	Yes	No
R-25 Green Spring/Wolf Creek	Residential	54	59	5	67	No	No
R-41 Green Spring/Wolf Creek	Residential	57	61	4	67	No	No
R-26 Wolf Pen Woods	Residential	59	59	1	67	No	No
R-27 Wolf Pen Woods	Residential	57	60	4	67	No	No
27a	Residential	55	72	17	67	Yes	Yes
27b	Residential	52	72	20	67	Yes	Yes
27c	Residential	43	57	14	67	No	Yes
27d	Residential	54	65	12	67	No	Yes
Receptor 1	Church	66	66	0	67	Yes	No
1	Residential	54	54	0	67	No	No
2	Residential	55	56	1	67	No	No
3	Residential	57	57	0	67	No	No
4	Residential	60	60	0	67	No	No
5	Residential	62	62	0	67	No	No
6	Residential	65	65	0	67	No	No
7	Residential	66	66	0	67	Yes	No
8	Residential	65	65	0	67	No	No
9	Residential	63	64	1	67	No	No
10	Residential	61	61	0	67	No	No
11	Residential	59	60	1	67	No	No
12	Residential	58	58	0	67	No	No
13	Residential	53	54	1	67	No	No

14	Residential	54	54	0	67	No	No
15	Residential	54	54	0	67	No	No
16	Residential	55	56	1	67	No	No
17	Residential	57	58	1	67	No	No
18	Residential	57	57	0	67	No	No
19	Residential	57	58	1	67	No	No
20	Residential	56	57	1	67	No	No
21	Residential	55	56	1	67	No	No
22	Residential	54	55	1	67	No	No
23	Residential	55	56	1	67	No	No
24	Church	63	63	0	67	No	No
25	Church	61	62	1	67	No	No
26	Church	59	60	1	67	No	No
27	Church	63	63	0	67	No	No
28	Church	68	69	1	67	Yes	No
29	Church	63	64	1	67	No	No
30	Church	59	60	1	67	No	No
31	Church	64	64	0	67	No	No

