

APPENDIX S

ST. GEORGE REPLACEMENT AIRPORT EIS NOISE LEVELS FOR 2003 CONDITIONS ZION NATIONAL PARK AND OTHER 4(F)/303(C) SITES

Introduction

Noise levels for the year 2003 were computed for the immediate vicinity of both the existing and proposed replacement airport sites at St. George, Utah and provided in the Draft EIS. Additionally, year 2003 information was provided for Zion National Park (Zion) for the Day-Night Average Sound Level (DNL), Equivalent Sound Level for a 24-hour day (Leq-24), and Equivalent Sound Level for daytime hours (Leq-day) noise metrics for both airport only and cumulative conditions in **Table 6.24A** and **Table 6.24B** for existing and natural ambient conditions, respectively.

Several individuals and organizations that submitted comments on the Draft EIS requested the inclusion of additional information related to year 2003 noise levels to disclose the Time Above Ambient (TAA) noise levels and the Number of Events Above (NEA) selected Maximum Noise Level (Lmax) thresholds. This section provides that information first, for Zion National Park, and second, for the remaining noise-sensitive park-like sites owned and/or operated by the state or Federal government.

Zion National Park

Table S.2003-1 presents TAA levels for each site evaluated within Zion. The table presents results for both existing and natural ambient conditions. As is evident from the information provided, the airport at St. George contributes only a small fraction of the time aircraft noise presently exceeds ambient levels in Zion. The larger amount of time that aircraft noise is louder than ambient conditions is contributed by aviation sources that operate across Zion, but not to or from the St. George Airport.

Table S.2003-2 presents information about the number of aircraft noise events that pass over or near Zion which exceed various thresholds of Lmax. Information is presented for conditions with only the airport considered, as well as with all contributors to the aviation noise environment. Again, the airport by itself contributes only a small fraction of the number of events that exceed the various thresholds.

Other 4(f)/303(c) Sites

Information is provided in **Table S.2003-3** about DNL, Leq-24, and Leq-day for the year 2003 at all other 4(f)/303(c) sites within the initial area of investigation. Nearly all sites are exposed to less than ambient noise levels of 29.1 decibels (dBA) (20.0 dBA at Little Black Mountain) by the presence of the St. George Airport alone, but many of the sites are exposed to noise levels in excess of ambient conditions by the consideration of all aviation noise sources.

Table S.2003-4 presents the minutes of TAA of 29.1 dBA at all grid points within the 4(f)/303(c) sites with the exception of Zion and Little Black Mountain. Zion information was presented in the previous section, while information about Little Black Mountain is included in this table, but assessed against a measured L50 ambient level of 20 dBA. Information is presented for both airport-only and cumulative conditions with all aviation noise sources considered. The contribution to the minutes exceeding ambient levels by the airport is a small fraction of the total minutes of exposure at each site in the study area.

Table S.2003-5 presents information about the number of aircraft noise events that pass over or near the various 4(f)/303(c) sites within the initial area of investigation which exceed various thresholds of Lmax. Information is presented for conditions with only the airport considered, as well as with all contributors to the aviation noise environment. Again, the airport by itself contributes only a small fraction of the number of events that exceed the various thresholds.

Table S.2003-1
2003 Noise Levels in Zion National Park
Time Above Existing and Natural Ambient Noise Levels

Grid Group Name	Column in Grid Group	Row in Grid Group	Ground Elevation (in feet)	2003 Time Above Existing Ambient			2003 Time Above Natural Ambient		
				Existing Ambient Noise Level (dBA)	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)	Natural Ambient Noise Level (dBA)	SGU Noise Only (minutes above natural ambient)	Cumulative Noise (minutes above natural ambient)
ZION11	1	3	4546.2	26.5	3.2	165.9	24.1	3.8	214.3
ZION11	2	2	4815.7	24.0	4.7	224.2	23.0	5.6	248.2
ZION11	2	3	5304.8	23.0	3.8	238.6	22.0	4.2	262.6
ZION11	3	2	6029.4	23.0	4.0	244.4	22.0	4.7	269.5
ZION11	3	3	5597.1	23.0	3.6	236.7	20.9	4.4	295.6
ZION11	4	2	5972.5	23.0	3.9	239.5	20.0	6.0	331.5
ZION11	4	3	4424.3	26.0	2.9	166.2	25.0	3.2	185.9
ZION12	1	8	6481.8	25.0	0.5	123.8	25.0	0.5	123.8
ZION12	1	9	7072.6	26.0	0.3	105.6	25.0	0.3	117.3
ZION12	2	1	3798.2	27.0	3.7	148.3	24.0	4.8	207.9
ZION12	2	2	4211.1	38.3	0.9	29.5	37.3	0.9	35.4
ZION12	2	3	4638.1	28.0	1.6	121.0	29.1	1.3	107.2
ZION12	2	4	6001.0	29.0	0.4	103.4	30.0	0.3	92.6
ZION12	2	5	5216.6	31.3	0.4	72.2	32.3	0.3	63.0
ZION12	2	6	5852.7	29.0	0.5	90.6	30.0	0.5	80.4
ZION12	2	7	6624.1	28.0	0.5	94.2	24.0	0.7	154.2
ZION12	2	8	7437.3	24.0	0.5	140.8	24.0	0.5	140.8
ZION12	3	1	4191.1	26.0	3.6	174.0	23.0	4.8	241.9
ZION12	3	2	4308.1	26.0	3.0	163.6	23.0	4.1	228.1
ZION12	3	3	4398.2	26.0	1.9	152.8	23.0	2.9	214.3
ZION12	3	4	6355.5	29.0	0.7	104.3	30.0	0.5	92.4
ZION12	3	5	5117.5	31.2	0.3	74.3	32.0	0.2	65.3
ZION12	3	6	5613.5	44.0	0.1	5.8	43.4	0.1	6.6
ZION12	3	7	6469.1	28.0	0.5	92.6	25.0	0.6	139.1
ZION12	3	8	7758.6	26.7	0.4	99.6	24.0	0.5	139.9
ZION12	4	1	4327.5	26.0	3.5	174.8	23.7	4.3	224.3
ZION12	4	2	7146.9	26.0	1.8	163.4	22.0	3.2	248.1
ZION12	4	3	6756.6	25.0	1.6	170.1	22.0	2.1	236.9
ZION12	4	4	6650.6	28.0	0.9	114.9	27.0	1.0	129.7
ZION12	4	5	5189.8	28.0	0.5	108.4	27.0	0.6	121.4
ZION12	4	6	7013.6	28.0	0.4	100.2	25.0	0.6	144.4
ZION12	4	7	6121.0	28.0	0.4	90.6	25.0	0.6	136.9
ZION12	4	8	7342.3	31.0	0.3	53.0	24.0	0.5	139.4
ZION12	4	9	7219.2	31.0	0.2	47.3	26.6	0.3	86.1
ZION12	5	1	4552.5	26.4	3.2	168.0	24.0	3.9	216.2
ZION12	5	2	4315.6	28.5	2.3	124.1	26.9	2.8	151.1
ZION12	5	3	6759.0	28.0	1.5	122.2	27.0	1.5	137.0
ZION12	5	4	6333.4	28.0	1.2	113.3	26.0	1.4	143.4
ZION12	5	5	6966.6	28.0	0.4	102.7	27.0	0.4	115.9
ZION12	5	6	7029.1	28.0	0.2	94.9	27.0	0.3	109.1
ZION12	5	7	6784.2	28.0	0.3	88.9	25.0	0.5	130.0
ZION12	5	8	5810.9	31.0	0.3	51.6	25.0	0.5	120.4
ZION12	6	1	5447.8	23.0	3.7	238.7	22.0	4.1	262.5
ZION12	6	2	5112.7	28.8	1.9	115.7	28.8	1.9	115.7
ZION12	6	3	4974.2	30.4	1.4	86.9	29.5	1.4	98.0
ZION12	6	4	4726.3	37.7	0.6	26.6	37.0	0.7	30.3
ZION12	6	5	5759.6	29.0	0.6	89.1	28.0	0.9	101.4
ZION12	6	6	5963.3	30.2	0.3	70.4	29.2	0.3	80.6
ZION12	6	7	4803.6	49.9	0.0	1.2	49.8	0.0	1.4
ZION12	6	8	5997.0	36.0	0.1	24.3	35.9	0.1	24.5
ZION13	1	2	5973.1	31.0	10.2	67.1	28.0	13.6	96.1
ZION13	1	3	6163.7	31.0	10.7	70.1	26.0	15.3	122.2
ZION13	1	4	5532.4	31.7	13.1	69.6	28.7	16.2	97.7
ZION13	2	1	5393.0	32.3	0.7	47.5	30.3	1.9	63.2
ZION13	2	2	5195.9	31.0	3.5	60.5	28.0	6.5	89.0
ZION13	2	3	5934.0	30.0	4.7	71.6	25.0	8.6	130.2
ZION13	2	4	5937.3	30.0	6.5	73.9	25.0	11.5	134.0
ZION13	2	5	6745.5	30.0	6.5	74.0	25.0	11.7	134.0
ZION13	3	1	6096.9	26.0	0.7	107.3	26.0	0.7	107.3
ZION13	3	2	5833.6	32.0	0.1	48.3	29.0	0.1	72.6
ZION13	3	3	6453.8	31.0	0.1	53.7	26.9	1.2	94.9
ZION13	3	4	7607.6	30.0	0.1	62.8	25.0	2.7	118.1
ZION13	3	5	7384.4	30.0	0.1	61.6	25.0	4.5	117.3
ZION19	1	1	6750.3	25.0	0.2	115.9	25.0	0.2	115.9
ZION19	1	2	6517.5	35.9	0.1	24.1	34.4	0.1	30.1
ZION20	1	1	5608.9	24.8	2.8	187.3	22.6	3.4	234.4
ZION20	1	2	6812.4	24.0	1.8	187.7	21.0	2.9	264.1
ZION20	1	3	6786.0	24.0	1.6	176.4	21.3	2.0	244.2
ZION20	1	4	6133.7	25.0	1.3	147.3	22.0	1.8	212.0
ZION20	1	5	5285.0	31.7	0.2	57.3	31.7	0.2	57.4
ZION20	1	6	6479.4	28.0	0.3	88.7	27.0	0.3	99.9
ZION20	1	7	6433.3	28.5	0.3	78.4	27.0	0.3	93.6
ZION20	2	1	5956.0	23.5	2.9	209.0	21.0	3.7	275.7
ZION20	2	2	6593.2	24.0	1.7	187.7	21.2	2.9	255.5
ZION20	2	3	6613.4	24.0	1.8	177.8	21.0	2.2	248.7
CHINLE	1	1	4200.2	26.0	3.7	175.6	23.0	4.9	243.5
CRZQLT	1	1	5620.8	23.0	3.3	224.2	20.0	4.2	312.8
EASTRM	1	1	6396.8	24.0	1.6	173.7	21.0	2.1	247.3
HOPVAL	1	1	6380.3	25.0	0.6	126.1	25.0	0.6	126.1
KOLOBC	1	1	6140.9	30.0	8.9	75.7	26.0	12.9	119.9
LAVAPT	1	1	7798.0	38.1	0.1	14.9	36.8	0.1	18.1
LCREEK	1	1	7598.9	39.6	0.0	13.8	39.6	0.0	13.8
LFRKTD	1	1	5056.0	36.7	0.2	33.1	36.7	0.2	33.1
NCREEK	1	1	4205.0	49.9	0.0	1.6	49.9	0.0	1.6
PRWEAP	1	1	4023.1	28.7	2.3	128.6	28.0	2.4	140.7
SCOUTS	1	1	5445.8	30.4	0.6	74.4	29.7	0.8	82.1
WILDCT	1	1	6955.5	28.0	0.4	90.7	24.4	0.6	146.1
ZHQ	1	1	4046.3	31.2	1.4	86.0	30.3	1.5	95.8

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**Table S.2003-2
Number of Events Above Lamax Thresholds 2003
Within Zion National Park
St. George Municipal Airport EIS**

Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport Only 2003						LA(max) 2003 w/ Cumulative Case	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
				20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	60 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	60 dBA
ZION13	1	6	57.7	16.8	16.3	10.4	6.9	1.1	0.0	69.2	210.7	167.9	84.5	18.7	3.8	0.5
ZION13	2	1	65.4	15.1	13.8	4.2	1.8	0.0	0.0	73.5	220.7	166.1	74.3	13.0	2.8	0.9
ZION13	2	2	57.6	16.2	14.0	6.1	0.9	0.0	0.0	71.5	218.1	164.6	72.6	12.7	2.8	0.8
ZION13	2	3	47.1	16.0	14.8	6.2	0.6	0.0	0.0	70.7	218.0	159.7	72.8	12.2	2.9	0.8
ZION13	2	4	47.0	16.1	15.0	8.0	0.3	0.0	0.0	70.7	212.0	165.0	76.9	11.8	2.8	0.5
ZION13	2	5	47.9	16.3	14.9	7.7	0.4	0.0	0.0	70.7	205.7	154.2	78.3	12.6	1.4	0.6
ZION13	2	6	46.5	16.5	15.5	8.3	0.3	0.0	0.0	70.2	204.1	160.4	75.7	12.7	1.3	0.6
ZION13	3	1	51.5	13.7	8.5	2.9	0.3	0.0	0.0	74.3	216.5	158.8	72.6	11.5	3.0	0.9
ZION13	3	2	66.9	14.0	11.6	2.8	0.3	0.0	0.0	72.6	217.4	159.4	69.8	11.3	1.5	0.9
ZION13	3	3	55.5	14.3	12.0	2.4	0.0	0.0	0.0	70.3	213.8	154.2	67.7	11.5	1.4	0.9
ZION13	3	4	44.3	14.2	11.5	1.7	0.0	0.0	0.0	71.6	205.6	151.7	66.6	12.5	1.5	0.8
ZION13	3	5	46.4	14.4	12.3	1.6	0.0	0.0	0.0	71.5	200.5	152.2	60.6	12.3	1.4	0.6
ZION13	3	6	46.1	14.5	13.4	1.2	0.0	0.0	0.0	70.9	200.0	151.7	63.0	11.7	1.3	0.5
ZION19	1	1	50.5	10.4	5.8	2.3	0.1	0.0	0.0	73.7	211.1	149.7	65.7	12.2	1.5	0.9
ZION19	1	2	69.7	12.4	6.0	1.4	0.1	0.0	0.0	71.3	208.5	149.7	61.4	12.2	1.4	0.7
ZION19	1	3	54.7	12.7	6.3	0.7	0.1	0.0	0.0	69.9	207.1	144.1	52.1	12.1	1.5	0.6
ZION19	1	4	40.8	12.8	6.2	0.3	0.0	0.0	0.0	71.4	198.6	144.2	50.4	12.4	1.4	0.7
ZION19	1	5	41.2	12.4	6.3	0.1	0.0	0.0	0.0	72.2	192.8	137.8	48.2	8.9	1.7	0.5
ZION19	2	1	44.6	6.8	4.9	0.5	0.0	0.0	0.0	75.0	193.4	138.6	57.1	12.4	1.5	0.8
ZION19	2	2	48.8	6.8	4.9	0.6	0.1	0.0	0.0	72.7	194.6	140.1	54.2	9.6	1.7	0.8
ZION19	2	3	74.5	6.7	4.9	0.1	0.1	0.0	0.0	74.5	196.5	139.5	49.6	8.4	1.6	0.7
ZION19	2	4	52.0	7.5	4.5	0.1	0.1	0.0	0.0	70.2	192.7	137.2	41.1	7.9	1.5	0.6
ZION19	2	5	41.2	7.9	3.7	0.0	0.0	0.0	0.0	72.2	183.9	130.9	38.6	7.4	1.4	0.4
ZION20	1	1	46.1	4.3	2.1	0.9	0.0	0.0	0.0	70.4	263.3	214.3	100.2	27.3	1.9	1.1
ZION20	1	2	61.9	4.4	1.0	0.8	0.8	0.7	0.1	72.5	261.7	197.1	92.2	25.8	2.5	1.0
ZION20	1	3	71.8	4.0	1.1	0.9	0.2	0.1	0.1	74.2	260.1	183.7	89.6	15.9	2.0	1.0
ZION20	1	4	51.9	4.3	1.2	0.3	0.1	0.0	0.0	74.6	255.9	177.2	78.8	14.7	2.0	0.9
ZION20	1	5	46.0	4.9	1.2	0.3	0.1	0.0	0.0	73.8	249.3	167.7	77.0	10.4	2.0	0.9
ZION20	1	6	47.5	4.4	0.6	0.2	0.1	0.0	0.0	72.9	232.7	159.0	61.2	11.4	1.7	0.8
ZION20	1	7	53.6	4.3	0.7	0.2	0.0	0.0	0.0	71.5	210.7	141.9	53.8	8.6	1.6	0.8
ZION20	1	8	48.2	4.2	0.5	0.3	0.0	0.0	0.0	72.3	192.8	130.5	51.7	8.1	1.2	0.8
ZION20	2	1	43.3	3.9	2.1	0.2	0.0	0.0	0.0	71.9	269.9	198.3	98.1	24.0	1.8	1.2
ZION20	2	2	54.7	4.1	1.1	0.8	0.7	0.0	0.0	72.3	262.6	196.6	106.4	23.6	2.1	1.2
ZION20	2	3	57.2	3.4	1.0	0.9	0.8	0.1	0.0	72.9	253.1	187.8	88.0	23.5	2.0	0.9
ZION20	2	4	66.4	3.4	1.1	0.3	0.1	0.1	0.1	74.4	247.7	186.4	75.2	15.0	1.9	0.9
ZION20	2	5	46.5	4.0	1.1	0.3	0.1	0.0	0.0	74.4	240.4	167.2	68.8	11.0	1.8	0.7
ZION20	2	6	45.1	4.0	0.5	0.3	0.0	0.0	0.0	74.0	227.1	155.9	63.4	11.8	1.7	0.8
ZION20	2	7	49.7	3.4	0.5	0.2	0.0	0.0	0.0	72.7	221.3	136.1	52.7	11.2	1.6	0.8
ZION20	2	8	51.8	3.3	0.5	0.3	0.0	0.0	0.0	73.0	203.9	131.6	52.8	8.8	1.5	0.8
CHINLE	1	1	60.7	9.2	3.8	2.0	0.2	0.1	0.0	72.9	271.2	214.3	114.1	23.6	1.9	0.8
CRZQLT	1	1	41.6	3.9	2.0	0.2	0.0	0.0	0.0	71.6	272.0	200.6	99.7	24.0	1.8	1.2
EASTRM	1	1	69.8	3.5	1.1	0.9	0.2	0.1	0.1	74.0	260.9	184.2	87.8	15.3	2.0	0.9
HOPVAL	1	1	58.2	7.8	5.5	2.3	0.0	0.0	0.0	74.7	217.1	149.8	78.8	13.9	1.8	1.0
KOLOBC	1	1	49.0	16.4	15.5	11.9	1.6	0.0	0.0	70.8	218.5	165.6	79.7	13.4	2.9	0.5
LAVAPT	1	1	49.8	6.3	4.0	0.2	0.0	0.0	0.0	75.1	203.5	141.0	55.0	12.5	1.4	1.0
LCREEK	1	1	49.1	6.4	4.4	0.2	0.0	0.0	0.0	75.1	208.0	145.1	64.2	16.5	2.0	1.0
LFKTD	1	1	51.2	7.9	4.4	1.2	0.1	0.0	0.0	70.6	237.6	182.1	86.7	13.2	1.4	1.0
NCREEK	1	1	50.8	8.0	5.2	0.7	0.1	0.0	0.0	70.4	244.9	184.5	88.3	15.3	1.9	0.9
PRWEAP	1	1	50.7	7.5	3.2	1.2	1.1	0.0	0.0	68.8	279.1	219.4	100.3	29.0	1.8	1.3
SCOUTS	1	1	47.5	4.9	1.8	0.4	0.1	0.0	0.0	74.2	255.7	179.6	81.9	12.3	2.0	0.7
WILDCT	1	1	58.6	6.5	4.1	0.4	0.2	0.1	0.0	72.4	216.8	158.1	68.0	15.6	1.5	1.0
ZHQ	1	1	57.3	5.8	2.8	0.9	0.8	0.0	0.0	72.2	266.2	214.2	103.6	24.5	1.9	0.9

Table S.2003-3
2003 Noise Levels in 4(f) Sites
DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
Ashdown Gorge Wilderness										
15	ASHDWN15	1	2	29.1	<A	29.9	<A	<A	<A	30.5
15	ASHDWN15	1	3	29.1	<A	30.1	<A	<A	<A	30.5
15	ASHDWN15	2	1	29.1	<A	<A	<A	<A	<A	29.6
15	ASHDWN15	2	2	29.1	<A	29.4	<A	<A	<A	29.7
15	ASHDWN15	2	3	29.1	<A	29.4	<A	<A	<A	29.7
15	ASHDWN15	2	4	29.1	<A	29.8	<A	<A	<A	30.0
15	ASHDWN15	2	5	29.1	<A	29.6	<A	<A	<A	29.7
15	ASHDWN15	3	1	29.1	<A	<A	<A	<A	<A	<A
15	ASHDWN15	3	2	29.1	<A	29.6	<A	<A	<A	30.3
15	ASHDWN15	3	3	29.1	<A	<A	<A	<A	<A	29.2
15	ASHDWN15	3	4	29.1	<A	29.4	<A	<A	<A	29.4
15	ASHDWN15	3	5	29.1	<A	29.7	<A	<A	<A	29.8
15	ASHDWN15	4	1	29.1	<A	<A	<A	<A	<A	<A
15	ASHDWN15	4	2	29.1	<A	<A	<A	<A	<A	<A
15	ASHDWN15	4	3	29.1	<A	<A	<A	<A	<A	<A
15	ASHDWN15	4	4	29.1	<A	29.3	<A	<A	<A	29.3
Beaver Dam Mountains Wilderness										
4	BEAVER4	2	3	29.1	<A	34.9	<A	33.3	<A	35.1
4	BEAVER4	2	4	29.1	<A	34.4	<A	32.9	<A	34.8
4	BEAVER4	2	5	29.1	<A	34.0	<A	32.4	<A	34.3
4	BEAVER4	2	6	29.1	<A	33.6	<A	32.0	<A	33.9
4	BEAVER4	3	4	29.1	<A	34.5	<A	33.1	<A	34.9
4	BEAVER4	3	5	29.1	<A	34.2	<A	32.7	<A	34.5
4	BEAVER4	3	6	29.1	<A	33.8	<A	32.2	<A	34.1
4	BEAVER4	3	7	29.1	<A	33.3	<A	31.7	<A	33.4
4	BEAVER4	4	3	29.1	29.7	35.3	<A	33.7	29.8	35.6
4	BEAVER4	4	4	29.1	<A	34.9	<A	33.3	<A	35.2
4	BEAVER4	4	5	29.1	<A	34.4	<A	32.8	<A	34.7
4	BEAVER4	4	6	29.1	<A	34.0	<A	32.4	<A	34.2
4	BEAVER4	4	7	29.1	<A	32.9	<A	31.3	<A	33.1
4	BEAVER4	5	5	29.1	<A	34.5	<A	32.9	<A	34.8
4	BEAVER4	5	6	29.1	<A	33.7	<A	32.1	<A	33.9
4	BEAVER4	6	4	29.1	30.0	35.1	<A	33.6	30.2	35.4
4	BEAVER4	6	5	29.1	30.6	34.7	<A	33.0	30.7	34.9
4	BEAVER4	7	6	29.1	30.9	34.1	29.2	32.5	31.1	34.3
4	BEAVER4	7	7	29.1	<A	32.5	<A	30.9	<A	32.7
4	BEAVER4	8	6	29.1	31.8	34.8	30.1	33.1	31.9	34.9
4	BEAVER4	8	7	29.1	31.2	34.1	29.6	32.5	31.4	34.3
Beaver Dam SP										
42	COUGAR42	2	1	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	2	2	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	2	3	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	3	1	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	2	1	29.1	<A	<A	<A	<A	<A	<A
Canaan Mountain WSA										
30	CANAAN30	1	5	29.1	<A	32.1	<A	30.8	<A	32.7
30	CANAAN30	1	6	29.1	<A	31.9	<A	30.6	<A	32.5
30	CANAAN30	2	3	29.1	<A	31.4	<A	30.2	<A	32.2
30	CANAAN30	2	4	29.1	<A	32.0	<A	30.7	<A	32.6
30	CANAAN30	2	5	29.1	<A	32.0	<A	30.7	<A	32.5
30	CANAAN30	2	6	29.1	<A	31.8	<A	30.5	<A	32.4
30	CANAAN30	3	2	29.1	<A	32.4	<A	31.2	<A	33.1
30	CANAAN30	3	3	29.1	<A	32.0	<A	30.7	<A	32.6
30	CANAAN30	3	4	29.1	<A	32.6	<A	31.2	<A	33.2
30	CANAAN30	3	5	29.1	<A	32.0	<A	30.6	<A	32.5
30	CANAAN30	3	6	29.1	<A	32.2	<A	30.6	<A	32.5
30	CANAAN30	4	2	29.1	<A	33.1	<A	31.7	<A	33.6
30	CANAAN30	4	3	29.1	<A	32.5	<A	31.2	<A	33.0
30	CANAAN30	4	4	29.1	29.8	34.2	<A	32.7	29.9	34.6
30	CANAAN30	4	5	29.1	<A	32.7	<A	30.9	<A	32.7
30	CANAAN30	4	6	29.1	<A	33.0	<A	30.9	<A	32.6
30	CANAAN30	5	1	29.1	<A	33.7	<A	32.3	<A	34.2
30	CANAAN30	5	2	29.1	<A	33.5	<A	32.2	<A	34.1
30	CANAAN30	5	3	29.1	<A	33.0	<A	31.7	<A	33.6
30	CANAAN30	5	4	29.1	<A	33.7	<A	32.1	<A	34.0
30	CANAAN30	5	5	29.1	<A	32.6	<A	30.8	<A	32.5
30	CANAAN30	5	6	29.1	<A	32.7	<A	30.6	<A	32.3
30	CANAAN30	6	1	29.1	<A	33.8	<A	32.4	<A	34.3
30	CANAAN30	6	2	29.1	<A	33.6	<A	32.1	<A	34.0
30	CANAAN30	6	3	29.1	<A	33.4	<A	31.9	<A	33.8
30	CANAAN30	6	4	29.1	<A	33.4	<A	31.8	<A	33.6
30	CANAAN30	6	5	29.1	<A	32.5	<A	30.8	<A	32.6
30	CANAAN30	6	6	29.1	<A	32.6	<A	30.5	<A	32.4
30	CANAAN30	7	1	29.1	<A	33.9	<A	32.5	<A	34.4
30	CANAAN30	7	2	29.1	<A	33.7	<A	32.2	<A	34.1
30	CANAAN30	7	3	29.1	<A	33.7	<A	32.2	<A	34.0
30	CANAAN30	7	4	29.1	<A	33.5	<A	31.9	<A	33.7
30	CANAAN30	7	5	29.1	<A	32.7	<A	31.1	<A	32.9
30	CANAAN30	7	6	29.1	<A	32.5	<A	30.7	<A	32.5
30	CANAAN30	8	1	29.1	<A	33.4	<A	32.0	<A	33.9
30	CANAAN30	8	2	29.1	<A	33.7	<A	32.2	<A	34.1
30	CANAAN30	8	3	29.1	<A	34.4	<A	32.9	<A	34.7
30	CANAAN30	8	6	29.1	<A	32.7	<A	31.1	<A	33.0
30	CANAAN30	9	1	29.1	<A	33.1	<A	31.8	<A	33.7
30	CANAAN30	9	2	29.1	<A	33.7	<A	32.3	<A	34.2

Table S.2003-3
2003 Noise Levels in 4(f) Sites
DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
30	CANAAN30	9	3	29.1	<A	34.3	<A	32.9	<A	34.7
Clover Mountains WSA										
44	CLOVER44	1	2	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	1	3	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	1	4	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	1	5	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	1	6	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	1	7	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	2	2	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	2	3	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	2	4	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	2	5	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	2	6	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	2	7	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	1	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	2	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	3	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	4	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	5	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	6	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	3	7	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	4	3	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	4	4	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	4	5	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	4	6	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	4	7	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	5	3	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	5	4	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	5	5	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	5	6	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	6	4	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	6	5	29.1	<A	<A	<A	<A	<A	<A
44	CLOVER44	6	6	29.1	<A	<A	<A	<A	<A	<A
Coral Pink Sand Dunes SP										
29	MOQMTN29	1	2	29.1	<A	32.0	<A	30.7	<A	32.7
29	MOQMTN29	1	3	29.1	<A	32.3	<A	31.0	<A	32.9
Cottonwood Point Wilderness										
16	COTTON16	1	2	29.1	<A	33.6	<A	32.3	<A	34.1
16	COTTON16	2	1	29.1	<A	33.3	<A	31.9	<A	33.8
16	COTTON16	2	2	29.1	<A	33.7	<A	32.4	<A	34.3
16	COTTON16	3	1	29.1	<A	32.9	<A	31.6	<A	33.5
16	COTTON16	3	2	29.1	<A	33.3	<A	31.9	<A	33.8
16	COTTON16	4	1	29.1	<A	32.7	<A	31.3	<A	33.3
16	COTTON16	4	2	29.1	<A	33.0	<A	31.7	<A	33.6
Cottonwood WSA										
38	COTTON38	1	1	29.1	<A	31.3	<A	29.6	<A	31.4
38	COTTON38	1	2	29.1	<A	30.7	<A	<A	<A	30.7
38	COTTON38	2	1	29.1	<A	31.9	<A	30.1	<A	31.9
38	COTTON38	2	2	29.1	<A	30.5	<A	<A	<A	30.5
38	COTTON38	2	3	29.1	<A	29.9	<A	<A	<A	29.9
38	COTTON38	3	1	29.1	29.1	32.5	<A	30.7	<A	32.5
38	COTTON38	3	2	29.1	<A	30.8	<A	<A	<A	30.8
38	COTTON38	3	3	29.1	<A	30.2	<A	<A	<A	30.2
38	COTTON38	4	1	29.1	31.3	33.8	29.4	32.0	31.2	33.8
38	COTTON38	4	2	29.1	<A	31.3	<A	29.6	<A	31.4
38	COTTON38	4	3	29.1	<A	30.4	<A	<A	<A	30.4
38	COTTON38	5	1	29.1	32.0	34.4	30.2	32.7	32.0	34.5
38	COTTON38	5	2	29.1	<A	32.5	<A	30.7	<A	32.6
38	COTTON38	5	3	29.1	<A	30.8	<A	29.2	<A	30.9
38	COTTON38	6	3	29.1	<A	31.8	<A	30.1	<A	31.9
Cougar Canyon WSA										
41	COUGAR41	2	2	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	2	3	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	3	1	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	3	2	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	3	3	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	4	1	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	4	2	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	4	3	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	5	2	29.1	<A	<A	<A	<A	<A	<A
41	COUGAR41	5	3	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	3	2	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	3	3	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	4	1	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	4	2	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	5	1	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	5	2	29.1	<A	<A	<A	<A	<A	<A
42	COUGAR42	6	1	29.1	<A	<A	<A	<A	<A	<A
Deep Creek WSA										
35	DEEPCK35	1	1	29.1	<A	32.2	<A	31.0	<A	32.9
35	DEEPCK35	2	1	29.1	<A	32.6	<A	31.4	<A	33.3
35	DEEPCK35	2	2	29.1	<A	32.2	<A	31.1	<A	33.0
35	DEEPCK35	3	1	29.1	<A	33.0	<A	31.8	<A	33.7
35	DEEPCK35	3	2	29.1	<A	32.7	<A	31.7	<A	33.6
36	DEEPCK6	2	1	29.1	<A	32.2	<A	31.1	<A	33.0
36	DEEPCK6	2	2	29.1	<A	31.7	<A	30.8	<A	32.6
36	DEEPCK6	3	1	29.1	<A	32.7	<A	31.7	<A	33.6
36	DEEPCK6	3	2	29.1	<A	32.2	<A	31.3	<A	33.2
Gateway Corridor 22										
22	SOUTH22	1	1	29.1	<A	35.1	<A	33.5	<A	35.4
22	SOUTH22	1	2	29.1	<A	35.0	<A	33.5	<A	35.4
22	SOUTH22	2	1	29.1	<A	34.7	<A	33.2	<A	35.1
22	SOUTH22	2	2	29.1	<A	34.5	<A	33.1	<A	34.9
22	SOUTH22	3	1	29.1	<A	34.1	<A	32.7	<A	34.5
22	SOUTH22	3	2	29.1	<A	34.0	<A	32.6	<A	34.5
22	SOUTH22	4	1	29.1	<A	33.0	<A	31.4	<A	33.3
22	SOUTH22	4	2	29.1	<A	32.9	<A	31.3	<A	33.2
22	SOUTH22	5	1	29.1	<A	31.5	<A	29.9	<A	31.6
22	SOUTH22	5	2	29.1	<A	32.0	<A	30.4	<A	32.2
22	SOUTH22	6	1	29.1	<A	30.8	<A	29.1	<A	31.0

Table S.2003-3
2003 Noise Levels in 4(f) Sites
DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
22 SOUTH22	6	2	29.1	<A	31.4	<A	29.7	<A	31.5	
22 SOUTH22	7	1	29.1	<A	30.4	<A	<A	<A	30.5	
22 SOUTH22	7	2	29.1	<A	30.9	<A	29.2	<A	30.9	
Gateway Corridor 23										
23 SOUTH23	1	1	29.1	<A	30.4	<A	<A	<A	30.5	
23 SOUTH23	1	2	29.1	<A	30.9	<A	29.2	<A	30.9	
23 SOUTH23	1	3	29.1	<A	31.6	<A	29.8	<A	31.7	
23 SOUTH23	2	1	29.1	<A	30.0	<A	<A	<A	30.2	
23 SOUTH23	2	2	29.1	<A	30.5	<A	<A	<A	30.6	
23 SOUTH23	2	3	29.1	<A	31.1	<A	29.4	<A	31.2	
23 SOUTH23	3	1	29.1	<A	29.9	<A	<A	<A	30.2	
23 SOUTH23	3	2	29.1	<A	30.3	<A	<A	<A	30.5	
23 SOUTH23	3	3	29.1	<A	30.8	<A	29.2	<A	31.1	
23 SOUTH23	4	1	29.1	<A	30.1	<A	<A	<A	30.6	
23 SOUTH23	4	2	29.1	<A	30.4	<A	<A	<A	30.8	
23 SOUTH23	4	3	29.1	<A	30.9	<A	29.4	<A	31.2	
23 SOUTH23	5	1	29.1	<A	30.3	<A	<A	<A	31.0	
23 SOUTH23	5	2	29.1	<A	30.4	<A	<A	<A	31.1	
23 SOUTH23	5	3	29.1	<A	30.7	<A	29.4	<A	31.2	
23 SOUTH23	6	1	29.1	<A	30.1	<A	<A	<A	30.7	
23 SOUTH23	6	2	29.1	<A	30.3	<A	<A	<A	30.9	
23 SOUTH23	6	3	29.1	<A	30.5	<A	29.1	<A	31.0	
Gateway Corridor 24										
24 SOUTH24	1	1	29.1	<A	30.1	<A	<A	<A	30.7	
24 SOUTH24	1	2	29.1	<A	30.3	<A	<A	<A	30.9	
24 SOUTH24	2	1	29.1	<A	29.9	<A	<A	<A	30.4	
24 SOUTH24	2	2	29.1	<A	29.9	<A	<A	<A	30.5	
24 SOUTH24	3	1	29.1	<A	29.8	<A	<A	<A	30.3	
24 SOUTH24	3	2	29.1	<A	29.7	<A	<A	<A	30.2	
24 SOUTH24	4	1	29.1	<A	30.1	<A	<A	<A	30.6	
24 SOUTH24	4	2	29.1	<A	29.7	<A	<A	<A	30.3	
24 SOUTH24	5	1	29.1	<A	30.4	<A	29.1	<A	31.0	
24 SOUTH24	5	2	29.1	<A	30.0	<A	<A	<A	30.6	
24 SOUTH24	6	1	29.1	<A	31.0	<A	29.7	<A	31.6	
24 SOUTH24	6	2	29.1	<A	30.5	<A	29.2	<A	31.1	
24 SOUTH24	7	1	29.1	<A	31.5	<A	30.4	<A	32.3	
24 SOUTH24	7	2	29.1	<A	31.0	<A	29.8	<A	31.7	
24 SOUTH24	8	1	29.1	<A	32.2	<A	31.1	<A	33.0	
24 SOUTH24	8	2	29.1	<A	31.6	<A	30.5	<A	32.5	
24 SOUTH24	9	1	29.1	<A	32.7	<A	31.7	<A	33.6	
24 SOUTH24	9	2	29.1	<A	32.2	<A	31.1	<A	33.0	
24 SOUTH24	10	1	29.1	<A	33.0	<A	31.9	<A	33.8	
24 SOUTH24	10	2	29.1	<A	32.4	<A	31.4	<A	33.3	
24 SOUTH24	11	1	29.1	<A	32.9	<A	31.8	<A	33.6	
24 SOUTH24	11	2	29.1	<A	32.3	<A	31.2	<A	33.2	
Gateway Corridor 32										
32 EAST32	1	1	29.1	<A	33.1	<A	31.6	<A	33.5	
32 EAST32	1	2	29.1	<A	32.9	<A	31.5	<A	33.3	
32 EAST32	1	3	29.1	<A	33.2	<A	31.6	<A	33.5	
32 EAST32	1	4	29.1	<A	33.4	<A	31.8	<A	33.7	
32 EAST32	1	5	29.1	<A	32.9	<A	31.4	<A	33.2	
32 EAST32	1	6	29.1	<A	32.4	<A	30.9	<A	32.8	
32 EAST32	1	7	29.1	<A	32.2	<A	30.6	<A	32.4	
32 EAST32	1	8	29.1	<A	32.1	<A	30.2	<A	32.1	
32 EAST32	1	9	29.1	<A	33.1	<A	30.9	<A	32.7	
32 EAST32	2	1	29.1	<A	32.8	<A	31.4	<A	33.2	
32 EAST32	2	2	29.1	<A	32.7	<A	31.2	<A	33.1	
32 EAST32	2	3	29.1	<A	33.1	<A	31.6	<A	33.5	
32 EAST32	2	4	29.1	<A	33.4	<A	32.0	<A	33.8	
32 EAST32	2	5	29.1	<A	33.3	<A	31.9	<A	33.7	
32 EAST32	2	6	29.1	<A	32.9	<A	31.4	<A	33.3	
32 EAST32	2	7	29.1	<A	32.6	<A	31.1	<A	33.0	
32 EAST32	2	8	29.1	<A	32.3	<A	30.6	<A	32.4	
32 EAST32	2	9	29.1	<A	32.6	<A	30.7	<A	32.5	
Gateway Corridor 33										
33 EAST33	1	1	29.1	<A	32.0	<A	29.6	<A	31.3	
33 EAST33	1	2	29.1	<A	31.9	<A	30.0	<A	31.8	
33 EAST33	1	3	29.1	<A	31.6	<A	29.9	<A	31.7	
33 EAST33	1	4	29.1	<A	32.2	<A	30.6	<A	32.4	
33 EAST33	1	5	29.1	<A	32.7	<A	31.2	<A	33.0	
33 EAST33	1	6	29.1	<A	32.9	<A	31.5	<A	33.4	
33 EAST33	1	7	29.1	<A	32.8	<A	31.6	<A	33.5	
33 EAST33	1	8	29.1	<A	32.3	<A	31.2	<A	33.1	
33 EAST33	2	1	29.1	<A	32.5	<A	30.0	<A	31.6	
33 EAST33	2	2	29.1	<A	31.9	<A	29.7	<A	31.5	
33 EAST33	2	3	29.1	<A	31.6	<A	29.8	<A	31.6	
33 EAST33	2	4	29.1	<A	31.8	<A	30.3	<A	32.1	
33 EAST33	2	5	29.1	<A	32.5	<A	31.0	<A	32.9	
33 EAST33	2	6	29.1	<A	32.9	<A	31.5	<A	33.4	
33 EAST33	2	7	29.1	<A	33.0	<A	31.8	<A	33.7	
33 EAST33	2	8	29.1	<A	32.8	<A	31.6	<A	33.5	
Grand Canyon-Parashant NM										
2 PAIUTEW2	2	2	29.1	<A	35.1	<A	33.4	<A	35.3	
2 PAIUTEW2	2	3	29.1	<A	35.2	<A	33.4	<A	35.2	
2 PAIUTEW2	3	2	29.1	<A	35.1	<A	33.5	<A	35.4	
2 PAIUTEW2	3	3	29.1	<A	35.2	<A	33.5	<A	35.4	
2 PAIUTEW2	7	2	29.1	<A	33.9	<A	32.3	<A	34.2	
2 PAIUTEW2	8	2	29.1	<A	33.3	<A	31.9	<A	33.7	
23 SOUTH23	2	1	29.1	<A	30.0	<A	<A	<A	30.2	
23 SOUTH23	2	2	29.1	<A	30.5	<A	<A	<A	30.6	
23 SOUTH23	3	1	29.1	<A	29.9	<A	<A	<A	30.2	
23 SOUTH23	3	2	29.1	<A	30.3	<A	<A	<A	30.5	
23 SOUTH23	3	3	29.1	<A	30.8	<A	29.2	<A	31.1	
23 SOUTH23	4	1	29.1	<A	30.1	<A	<A	<A	30.6	
23 SOUTH23	4	2	29.1	<A	30.4	<A	<A	<A	30.8	
23 SOUTH23	4	3	29.1	<A	30.9	<A	29.4	<A	31.2	
23 SOUTH23	5	1	29.1	<A	30.3	<A	<A	<A	31.0	
23 SOUTH23	5	2	29.1	<A	30.4	<A	<A	<A	31.1	
23 SOUTH23	5	3	29.1	<A	30.7	<A	29.4	<A	31.2	
23 SOUTH23	6	3	29.1	<A	30.5	<A	29.1	<A	31.0	
Grand Canyon-Parashant NM (West)										
2 PAIUTEW2	9	2	29.1	<A	33.0	<A	31.6	<A	33.4	

Table S.2003-3

2003 Noise Levels in 4(f) Sites
DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
2 PAIUTEW2	10	2	29.1	<A	32.8	<A	31.3	<A	33.1	
21 PARASH21	1	1	29.1	<A	36.3	<A	34.7	<A	36.5	
21 PARASH21	1	2	29.1	<A	35.7	<A	34.1	<A	36.0	
21 PARASH21	1	3	29.1	<A	35.5	<A	33.9	<A	35.8	
21 PARASH21	1	4	29.1	<A	35.5	<A	33.9	<A	35.7	
21 PARASH21	2	1	29.1	<A	36.5	<A	35.0	<A	36.7	
21 PARASH21	2	2	29.1	<A	35.8	<A	34.2	<A	36.0	
21 PARASH21	2	3	29.1	<A	35.4	<A	33.8	<A	35.6	
21 PARASH21	2	4	29.1	<A	35.3	<A	33.6	<A	35.5	
21 PARASH21	3	1	29.1	<A	36.7	<A	35.1	<A	37.0	
21 PARASH21	3	2	29.1	<A	36.0	<A	34.4	<A	36.2	
21 PARASH21	3	3	29.1	<A	35.4	<A	33.9	<A	35.7	
21 PARASH21	3	4	29.1	<A	35.1	<A	33.5	<A	35.4	
21 PARASH21	4	1	29.1	<A	36.7	<A	35.3	<A	37.1	
21 PARASH21	4	2	29.1	<A	36.2	<A	34.7	<A	36.5	
21 PARASH21	4	3	29.1	<A	35.5	<A	34.0	<A	35.8	
21 PARASH21	4	4	29.1	<A	35.1	<A	33.5	<A	35.4	
21 PARASH21	5	1	29.1	<A	36.9	<A	35.4	<A	37.3	
21 PARASH21	5	2	29.1	<A	36.4	<A	34.9	<A	36.8	
21 PARASH21	5	3	29.1	<A	35.7	<A	34.2	<A	36.0	
21 PARASH21	5	4	29.1	<A	35.1	<A	33.6	<A	35.4	
21 PARASH21	6	1	29.1	<A	37.0	<A	35.5	<A	37.4	
21 PARASH21	6	2	29.1	<A	36.6	<A	35.1	<A	37.0	
21 PARASH21	6	3	29.1	<A	35.9	<A	34.4	<A	36.3	
21 PARASH21	6	4	29.1	<A	35.2	<A	33.8	<A	35.5	
21 PARASH21	7	1	29.1	<A	37.1	<A	35.6	<A	37.4	
21 PARASH21	7	2	29.1	<A	36.7	<A	35.3	<A	37.1	
21 PARASH21	7	3	29.1	<A	36.2	<A	34.7	<A	36.6	
21 PARASH21	7	4	29.1	<A	35.5	<A	33.9	<A	35.7	
21 PARASH21	8	1	29.1	<A	37.0	<A	35.6	<A	37.4	
21 PARASH21	8	2	29.1	<A	36.9	<A	35.4	<A	37.3	
21 PARASH21	8	3	29.1	<A	36.4	<A	35.0	<A	36.8	
21 PARASH21	8	4	29.1	<A	35.7	<A	34.2	<A	36.1	
21 PARASH21	9	3	29.1	<A	36.6	<A	35.2	<A	37.0	
21 PARASH21	9	4	29.1	<A	36.0	<A	34.6	<A	36.4	
21 PARASH21	12	1	29.1	<A	36.7	<A	35.2	<A	37.0	
21 PARASH21	12	2	29.1	<A	37.2	<A	35.7	<A	37.6	
21 PARASH21	12	3	29.1	<A	37.2	<A	35.9	<A	37.8	
21 PARASH21	12	4	29.1	<A	36.7	<A	35.4	<A	37.3	
21 PARASH21	13	1	29.1	<A	36.3	<A	34.8	<A	36.7	
21 PARASH21	13	2	29.1	<A	36.7	<A	35.4	<A	37.3	
21 PARASH21	13	3	29.1	<A	37.1	<A	35.8	<A	37.6	
21 PARASH21	13	4	29.1	<A	36.9	<A	35.6	<A	37.5	
21 PARASH21	14	1	29.1	<A	35.8	<A	34.4	<A	36.3	
21 PARASH21	14	2	29.1	<A	36.4	<A	35.1	<A	36.9	
21 PARASH21	14	3	29.1	<A	36.8	<A	35.3	<A	37.2	
21 PARASH21	14	4	29.1	<A	36.9	<A	35.5	<A	37.4	
21 PARASH21	15	1	29.1	<A	35.4	<A	34.0	<A	35.9	
21 PARASH21	15	2	29.1	<A	36.1	<A	34.7	<A	36.5	
21 PARASH21	15	3	29.1	<A	36.6	<A	35.2	<A	37.0	
21 PARASH21	15	4	29.1	<A	36.9	<A	35.5	<A	37.4	
21 PARASH21	16	1	29.1	<A	35.2	<A	33.8	<A	35.6	
21 PARASH21	16	2	29.1	<A	35.8	<A	34.4	<A	36.2	
21 PARASH21	17	1	29.1	<A	35.1	<A	33.7	<A	35.6	
1 PARSHAN1	1	1	29.1	<A	35.5	<A	33.9	<A	35.7	
1 PARSHAN1	1	2	29.1	<A	35.6	<A	33.9	<A	35.8	
1 PARSHAN1	1	3	29.1	<A	35.6	<A	33.9	<A	35.8	
1 PARSHAN1	1	4	29.1	<A	35.3	<A	33.7	<A	35.5	
1 PARSHAN1	1	5	29.1	<A	35.2	<A	33.6	<A	35.4	
1 PARSHAN1	1	6	29.1	<A	35.2	<A	33.5	<A	35.4	
1 PARSHAN1	2	1	29.1	<A	35.3	<A	33.6	<A	35.5	
1 PARSHAN1	2	2	29.1	<A	35.3	<A	33.7	<A	35.5	
1 PARSHAN1	2	3	29.1	<A	35.2	<A	33.6	<A	35.5	
1 PARSHAN1	2	4	29.1	<A	35.1	<A	33.5	<A	35.3	
1 PARSHAN1	2	5	29.1	<A	35.1	<A	33.5	<A	35.3	
1 PARSHAN1	2	6	29.1	<A	35.1	<A	33.5	<A	35.3	
1 PARSHAN1	2	9	29.1	<A	35.0	<A	33.2	<A	35.1	
1 PARSHAN1	3	1	29.1	<A	35.1	<A	33.5	<A	35.4	
1 PARSHAN1	3	2	29.1	<A	35.1	<A	33.5	<A	35.3	
1 PARSHAN1	3	3	29.1	<A	35.1	<A	33.5	<A	35.3	
1 PARSHAN1	3	4	29.1	<A	35.1	<A	33.5	<A	35.2	
1 PARSHAN1	3	5	29.1	<A	35.1	<A	33.5	<A	35.3	
1 PARSHAN1	3	6	29.1	<A	35.0	<A	33.4	<A	35.3	
1 PARSHAN1	3	7	29.1	<A	35.1	<A	33.5	<A	35.4	
1 PARSHAN1	3	8	29.1	<A	35.0	<A	33.4	<A	35.2	
1 PARSHAN1	4	1	29.1	<A	35.1	<A	33.5	<A	35.4	
1 PARSHAN1	4	2	29.1	<A	35.0	<A	33.3	<A	35.2	
1 PARSHAN1	4	3	29.1	<A	34.9	<A	33.3	<A	35.1	
1 PARSHAN1	4	4	29.1	<A	35.0	<A	33.4	<A	35.1	
1 PARSHAN1	4	5	29.1	<A	35.0	<A	33.4	<A	35.2	
1 PARSHAN1	4	6	29.1	<A	35.0	<A	33.4	<A	35.1	
1 PARSHAN1	4	7	29.1	<A	35.0	<A	33.4	<A	35.3	
1 PARSHAN1	4	8	29.1	<A	35.0	<A	33.4	<A	35.2	
1 PARSHAN1	4	9	29.1	<A	35.1	<A	33.3	<A	35.1	
1 PARSHAN1	5	1	29.1	<A	35.1	<A	33.6	<A	35.4	
1 PARSHAN1	5	2	29.1	<A	34.9	<A	33.2	<A	35.1	
1 PARSHAN1	5	3	29.1	<A	34.8	<A	33.2	<A	34.9	
1 PARSHAN1	5	4	29.1	<A	34.7	<A	33.1	<A	34.9	
1 PARSHAN1	5	5	29.1	<A	34.8	<A	33.3	<A	35.0	
1 PARSHAN1	5	6	29.1	<A	34.9	<A	33.3	<A	35.0	
1 PARSHAN1	5	7	29.1	<A	34.9	<A	33.3	<A	35.1	
1 PARSHAN1	5	8	29.1	<A	35.0	<A	33.3	<A	35.2	
1 PARSHAN1	5	9	29.1	<A	35.1	<A	33.4	<A	35.3	
1 PARSHAN1	6	1	29.1	<A	35.2	<A	33.8	<A	35.5	
1 PARSHAN1	6	2	29.1	<A	34.8	<A	33.2	<A	35.1	
1 PARSHAN1	6	3	29.1	<A	34.6	<A	33.1	<A	34.8	
1 PARSHAN1	6	4	29.1	<A	34.6	<A	33.0	<A	34.7	
1 PARSHAN1	6	5	29.1	<A	34.6	<A	33.1	<A	34.8	
1 PARSHAN1	6	6	29.1	<A	34.7	<A	33.1	<A	34.9	
1 PARSHAN1	6	7	29.1	<A	34.8	<A	33.2	<A	35.0	
1 PARSHAN1	6	8	29.1	<A	34.9	<A	33.3	<A	35.1	
1 PARSHAN1	6	9	29.1	<A	35.0	<A	33.4	<A	35.3	

Table S.2003-3
 2003 Noise Levels in 4(f) Sites
 DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
1	PARSHAN1	7	1	29.1	<A	35.4	<A	33.9	<A	35.8
1	PARSHAN1	7	2	29.1	<A	34.9	<A	33.3	<A	35.2
1	PARSHAN1	7	3	29.1	<A	34.6	<A	32.9	<A	34.8
1	PARSHAN1	7	4	29.1	<A	34.4	<A	32.8	<A	34.6
1	PARSHAN1	7	5	29.1	<A	34.4	<A	32.8	<A	34.6
1	PARSHAN1	7	6	29.1	<A	34.5	<A	33.0	<A	34.7
1	PARSHAN1	7	7	29.1	<A	34.6	<A	33.0	<A	34.8
1	PARSHAN1	7	8	29.1	<A	34.7	<A	33.1	<A	35.0
1	PARSHAN1	7	9	29.1	<A	35.0	<A	33.4	<A	35.2
1	PARSHAN1	8	1	29.1	<A	35.7	<A	34.2	<A	36.1
1	PARSHAN1	8	2	29.1	<A	35.0	<A	33.6	<A	35.3
1	PARSHAN1	8	3	29.1	<A	34.6	<A	33.0	<A	34.9
1	PARSHAN1	8	4	29.1	<A	34.4	<A	32.8	<A	34.6
1	PARSHAN1	8	5	29.1	<A	34.3	<A	32.7	<A	34.4
1	PARSHAN1	8	6	29.1	<A	34.3	<A	32.7	<A	34.5
1	PARSHAN1	8	7	29.1	<A	34.4	<A	32.8	<A	34.6
1	PARSHAN1	8	9	29.1	<A	34.8	<A	33.2	<A	35.1
1	PARSHAN1	9	1	29.1	<A	36.0	<A	34.6	<A	36.4
1	PARSHAN1	9	2	29.1	<A	35.2	<A	33.8	<A	35.6
1	PARSHAN1	9	3	29.1	<A	34.8	<A	33.2	<A	35.1
1	PARSHAN1	9	4	29.1	<A	34.4	<A	32.9	<A	34.6
1	PARSHAN1	9	5	29.1	<A	34.2	<A	32.6	<A	34.4
1	PARSHAN1	9	6	29.1	<A	34.1	<A	32.5	<A	34.3
1	PARSHAN1	9	7	29.1	<A	34.2	<A	32.6	<A	34.4
1	PARSHAN1	9	8	29.1	<A	34.3	<A	32.8	<A	34.5
1	PARSHAN1	10	3	29.1	<A	34.9	<A	33.5	<A	35.3
1	PARSHAN1	10	4	29.1	<A	34.5	<A	33.0	<A	34.8
1	PARSHAN1	10	5	29.1	<A	34.2	<A	32.7	<A	34.5
1	PARSHAN1	10	6	29.1	<A	33.9	<A	32.4	<A	34.2
1	PARSHAN1	10	7	29.1	<A	33.8	<A	32.3	<A	34.1
1	PARSHAN1	10	8	29.1	<A	34.0	<A	32.5	<A	34.2
1	PARSHAN1	10	9	29.1	<A	34.2	<A	32.5	<A	34.4
1	PARSHAN1	11	3	29.1	<A	35.1	<A	33.7	<A	35.6
1	PARSHAN1	11	4	29.1	<A	34.7	<A	33.2	<A	35.1
1	PARSHAN1	11	5	29.1	<A	34.3	<A	32.7	<A	34.6
1	PARSHAN1	11	6	29.1	<A	33.9	<A	32.4	<A	34.2
1	PARSHAN1	11	7	29.1	<A	33.7	<A	32.1	<A	33.9
1	PARSHAN1	11	8	29.1	<A	33.6	<A	32.1	<A	33.8
1	PARSHAN1	11	9	29.1	<A	33.7	<A	32.1	<A	34.0
1	PARSHAN1	12	1	29.1	<A	36.7	<A	35.4	<A	37.3
1	PARSHAN1	12	2	29.1	<A	36.2	<A	34.8	<A	36.7
1	PARSHAN1	12	3	29.1	<A	35.5	<A	34.1	<A	36.0
1	PARSHAN1	12	4	29.1	<A	34.9	<A	33.4	<A	35.2
1	PARSHAN1	12	5	29.1	<A	34.4	<A	32.9	<A	34.7
1	PARSHAN1	12	6	29.1	<A	34.1	<A	32.5	<A	34.3
1	PARSHAN1	12	7	29.1	<A	33.6	<A	32.0	<A	33.9
1	PARSHAN1	12	8	29.1	<A	33.3	<A	31.8	<A	33.7
1	PARSHAN1	12	9	29.1	<A	33.3	<A	31.8	<A	33.7
1	PARSHAN1	13	1	29.1	<A	37.0	<A	35.6	<A	37.5
1	PARSHAN1	13	2	29.1	<A	36.5	<A	35.2	<A	37.0
1	PARSHAN1	13	3	29.1	<A	35.7	<A	34.4	<A	36.3
1	PARSHAN1	13	4	29.1	<A	35.0	<A	33.6	<A	35.5
1	PARSHAN1	13	5	29.1	<A	34.5	<A	33.0	<A	34.9
1	PARSHAN1	13	6	29.1	<A	34.1	<A	32.6	<A	34.5
1	PARSHAN1	13	7	29.1	<A	33.7	<A	32.1	<A	34.0
1	PARSHAN1	13	8	29.1	<A	33.2	<A	31.8	<A	33.6
1	PARSHAN1	13	9	29.1	<A	33.0	<A	31.6	<A	33.3
1	PARSHAN1	14	1	29.1	<A	37.0	<A	35.5	<A	37.4
1	PARSHAN1	14	2	29.1	<A	36.6	<A	35.2	<A	37.0
1	PARSHAN1	14	3	29.1	<A	36.1	<A	34.7	<A	36.5
1	PARSHAN1	14	4	29.1	<A	35.3	<A	33.9	<A	35.8
1	PARSHAN1	14	5	29.1	<A	34.7	<A	33.3	<A	35.1
1	PARSHAN1	14	6	29.1	<A	34.2	<A	32.8	<A	34.6
1	PARSHAN1	14	7	29.1	<A	33.8	<A	32.4	<A	34.1
1	PARSHAN1	14	8	29.1	<A	33.3	<A	31.8	<A	33.6
1	PARSHAN1	14	9	29.1	<A	33.0	<A	31.4	<A	33.3
1	PARSHAN1	15	1	29.1	<A	36.9	<A	35.5	<A	37.4
1	PARSHAN1	15	2	29.1	<A	36.8	<A	35.3	<A	37.2
1	PARSHAN1	15	3	29.1	<A	36.3	<A	34.8	<A	36.7
1	PARSHAN1	15	4	29.1	<A	35.5	<A	34.2	<A	36.0
1	PARSHAN1	15	5	29.1	<A	34.9	<A	33.4	<A	35.3
1	PARSHAN1	15	6	29.1	<A	34.4	<A	33.0	<A	34.7
1	PARSHAN1	15	7	29.1	<A	34.0	<A	32.5	<A	34.3
1	PARSHAN1	15	8	29.1	<A	33.5	<A	32.0	<A	33.9
1	PARSHAN1	16	3	29.1	<A	36.4	<A	35.0	<A	36.8
1	PARSHAN1	16	4	29.1	<A	35.8	<A	34.4	<A	36.3
1	PARSHAN1	16	5	29.1	<A	35.1	<A	33.7	<A	35.5
1	PARSHAN1	16	6	29.1	<A	34.6	<A	33.1	<A	35.0
1	PARSHAN1	16	7	29.1	<A	34.2	<A	32.7	<A	34.5
1	PARSHAN1	17	4	29.1	<A	36.0	<A	34.7	<A	36.4
1	PARSHAN1	17	5	29.1	<A	35.3	<A	33.9	<A	35.8
Grand Wash Cliffs Wilderness										
21	PARASH21	8	1	29.1	<A	37.0	<A	35.6	<A	37.4
21	PARASH21	8	2	29.1	<A	36.9	<A	35.4	<A	37.3
21	PARASH21	8	3	29.1	<A	36.4	<A	35.0	<A	36.8
21	PARASH21	9	1	29.1	<A	37.0	<A	35.5	<A	37.4
21	PARASH21	9	2	29.1	<A	37.0	<A	35.5	<A	37.4
21	PARASH21	9	3	29.1	<A	36.6	<A	35.2	<A	37.0
21	PARASH21	9	4	29.1	<A	36.0	<A	34.6	<A	36.4
21	PARASH21	10	1	29.1	<A	37.0	<A	35.5	<A	37.4
21	PARASH21	10	2	29.1	<A	37.2	<A	35.7	<A	37.6
21	PARASH21	10	3	29.1	<A	37.0	<A	35.5	<A	37.4
21	PARASH21	10	4	29.1	<A	36.4	<A	35.0	<A	36.9
21	PARASH21	11	1	29.1	<A	36.9	<A	35.3	<A	37.2
21	PARASH21	11	2	29.1	<A	37.2	<A	35.7	<A	37.6
21	PARASH21	11	3	29.1	<A	37.1	<A	35.7	<A	37.6
21	PARASH21	11	4	29.1	<A	36.7	<A	35.2	<A	37.1
1	PARSHAN1	9	1	29.1	<A	36.0	<A	34.6	<A	36.4
1	PARSHAN1	9	2	29.1	<A	35.2	<A	33.8	<A	35.6
1	PARSHAN1	10	1	29.1	<A	36.4	<A	35.0	<A	36.9
1	PARSHAN1	10	2	29.1	<A	35.5	<A	34.1	<A	36.0
1	PARSHAN1	11	1	29.1	<A	36.7	<A	35.3	<A	37.1

Table S.2003-3
2003 Noise Levels in 4(f) Sites
DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
26 KANCRK26	2	2	29.1	<A	30.2	<A	29.2	<A	31.1	
26 KANCRK26	3	1	29.1	<A	29.9	<A	<A	<A	30.8	
26 KANCRK26	3	2	29.1	<A	29.9	<A	<A	<A	30.7	
26 KANCRK26	4	1	29.1	<A	29.9	<A	<A	<A	30.6	
26 KANCRK26	4	2	29.1	<A	29.8	<A	<A	<A	30.6	
26 KANCRK26	5	1	29.1	<A	30.0	<A	<A	<A	30.8	
26 KANCRK26	5	2	29.1	<A	29.8	<A	<A	<A	30.5	
27 KANCRK27	1	1	29.1	<A	29.7	<A	<A	<A	30.5	
27 KANCRK27	1	2	29.1	<A	29.8	<A	<A	<A	30.6	
27 KANCRK27	1	3	29.1	<A	29.9	<A	<A	<A	30.7	
27 KANCRK27	1	4	29.1	<A	30.0	<A	<A	<A	30.7	
27 KANCRK27	2	1	29.1	<A	29.9	<A	<A	<A	30.7	
27 KANCRK27	2	2	29.1	<A	29.8	<A	<A	<A	30.6	
27 KANCRK27	2	3	29.1	<A	29.9	<A	<A	<A	30.7	
27 KANCRK27	2	4	29.1	<A	30.0	<A	<A	<A	30.8	
Lake Mead National Recreation Area										
46 LKMEAD46	1	1	29.1	<A	37.9	<A	35.9	<A	37.7	
46 LKMEAD46	1	2	29.1	<A	38.4	<A	36.3	<A	38.0	
46 LKMEAD46	2	1	29.1	<A	37.5	<A	35.5	<A	37.3	
46 LKMEAD46	2	2	29.1	<A	37.9	<A	35.9	<A	37.6	
46 LKMEAD46	2	3	29.1	<A	38.3	<A	36.2	<A	37.9	
46 LKMEAD46	2	4	29.1	<A	38.7	<A	36.6	<A	38.3	
46 LKMEAD46	3	1	29.1	<A	37.2	<A	35.1	<A	36.9	
46 LKMEAD46	3	2	29.1	<A	37.5	<A	35.5	<A	37.2	
46 LKMEAD46	3	3	29.1	<A	37.9	<A	35.8	<A	37.6	
46 LKMEAD46	3	4	29.1	<A	38.4	<A	36.2	<A	38.0	
46 LKMEAD46	4	1	29.1	<A	36.9	<A	34.8	<A	36.5	
47 LKMEAD47	1	1	29.1	<A	37.2	<A	35.1	<A	36.8	
47 LKMEAD47	1	2	29.1	<A	37.4	<A	35.4	<A	37.2	
47 LKMEAD47	1	3	29.1	<A	37.5	<A	35.5	<A	37.2	
47 LKMEAD47	1	4	29.1	<A	38.0	<A	35.9	<A	37.7	
47 LKMEAD47	2	1	29.1	<A	36.9	<A	34.8	<A	36.5	
47 LKMEAD47	2	2	29.1	<A	37.0	<A	34.9	<A	36.7	
47 LKMEAD47	2	3	29.1	<A	37.1	<A	35.0	<A	36.8	
47 LKMEAD47	2	4	29.1	<A	37.5	<A	35.5	<A	37.3	
47 LKMEAD47	3	1	29.1	<A	36.5	<A	34.4	<A	36.1	
47 LKMEAD47	3	2	29.1	<A	36.6	<A	34.4	<A	36.2	
47 LKMEAD47	3	3	29.1	<A	36.9	<A	34.8	<A	36.6	
47 LKMEAD47	3	4	29.1	<A	37.2	<A	35.1	<A	36.9	
47 LKMEAD47	4	1	29.1	<A	36.1	<A	34.0	<A	35.8	
47 LKMEAD47	4	2	29.1	<A	36.3	<A	34.1	<A	35.9	
47 LKMEAD47	4	3	29.1	<A	36.7	<A	34.5	<A	36.2	
47 LKMEAD47	4	4	29.1	<A	36.9	<A	34.8	<A	36.5	
47 LKMEAD47	5	3	29.1	<A	36.4	<A	34.2	<A	35.9	
Lime Canyon WSA										
47 LKMEAD47	4	1	29.1	<A	36.1	<A	34.0	<A	35.8	
47 LKMEAD47	4	2	29.1	<A	36.3	<A	34.1	<A	35.9	
47 LKMEAD47	5	1	29.1	<A	36.0	<A	33.8	<A	35.6	
47 LKMEAD47	5	2	29.1	<A	36.1	<A	34.0	<A	35.7	
47 LKMEAD47	6	1	29.1	<A	36.0	<A	34.0	<A	35.7	
Moquith Mountains WSA										
17 KAIBAB17	4	7	29.1	<A	31.3	<A	30.1	<A	32.0	
17 KAIBAB17	5	7	29.1	<A	31.1	<A	29.9	<A	31.9	
29 MOQMTN29	1	1	29.1	<A	31.3	<A	30.1	<A	32.0	
29 MOQMTN29	1	2	29.1	<A	32.0	<A	30.7	<A	32.7	
29 MOQMTN29	1	3	29.1	<A	32.3	<A	31.0	<A	32.9	
29 MOQMTN29	2	1	29.1	<A	31.2	<A	30.0	<A	31.9	
29 MOQMTN29	2	2	29.1	<A	31.2	<A	30.0	<A	31.9	
29 MOQMTN29	2	3	29.1	<A	31.7	<A	30.5	<A	32.3	
29 MOQMTN29	2	4	29.1	<A	32.4	<A	31.0	<A	32.9	
29 MOQMTN29	3	1	29.1	<A	31.3	<A	30.1	<A	32.0	
29 MOQMTN29	3	2	29.1	<A	30.7	<A	29.5	<A	31.4	
29 MOQMTN29	3	3	29.1	<A	31.1	<A	29.8	<A	31.7	
29 MOQMTN29	3	4	29.1	<A	31.8	<A	30.4	<A	32.3	
29 MOQMTN29	3	5	29.1	<A	33.1	<A	31.7	<A	33.4	
29 MOQMTN29	4	1	29.1	<A	31.3	<A	30.0	<A	31.9	
29 MOQMTN29	4	2	29.1	<A	30.3	<A	29.1	<A	31.1	
29 MOQMTN29	4	3	29.1	<A	30.5	<A	29.4	<A	31.2	
Morman Mountains WSA										
45 WEST45	1	1	29.1	<A	32.1	<A	30.4	<A	32.2	
45 WEST45	1	2	29.1	<A	31.2	<A	29.5	<A	31.3	
45 WEST45	1	3	29.1	<A	30.4	<A	<A	<A	30.5	
45 WEST45	1	4	29.1	<A	29.6	<A	<A	<A	29.7	
45 WEST45	1	5	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	1	6	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	1	7	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	1	8	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	1	9	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	1	10	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	1	11	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	2	2	29.1	<A	32.4	<A	30.8	<A	32.5	
45 WEST45	2	3	29.1	<A	31.5	<A	29.8	<A	31.7	
45 WEST45	2	4	29.1	<A	30.7	<A	<A	<A	30.9	
45 WEST45	2	5	29.1	<A	29.9	<A	<A	<A	30.1	
45 WEST45	2	6	29.1	<A	29.3	<A	<A	<A	29.4	
45 WEST45	2	7	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	2	8	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	2	9	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	2	10	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	3	6	29.1	<A	30.2	<A	<A	<A	30.4	
45 WEST45	3	7	29.1	<A	29.5	<A	<A	<A	29.7	
45 WEST45	3	8	29.1	<A	<A	<A	<A	<A	<A	
45 WEST45	3	9	29.1	<A	<A	<A	<A	<A	<A	
North Fork Virgin River										
35 DEEPCK35	4	1	29.1	<A	33.1	<A	31.9	<A	33.7	
35 DEEPCK35	5	1	29.1	<A	33.0	<A	31.6	<A	33.4	
34 ORDERV34	1	4	29.1	<A	32.9	<A	31.6	<A	33.5	
34 ORDERV34	1	5	29.1	<A	33.1	<A	31.9	<A	33.7	
34 ORDERV34	2	4	29.1	<A	32.6	<A	31.2	<A	33.0	
34 ORDERV34	2	5	29.1	<A	33.0	<A	31.6	<A	33.4	
Orderville Canyon WSA										
34 ORDERV34	1	2	29.1	<A	32.2	<A	30.6	<A	32.5	

Table S.2003-3
 2003 Noise Levels in 4(f) Sites
 DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
3 PAIUTEW3	6	1	29.1	<A	34.9	<A	33.5	<A	35.2	
3 PAIUTEW3	6	2	29.1	<A	35.2	<A	33.6	<A	35.4	
3 PAIUTEW3	6	3	29.1	<A	35.1	<A	33.5	<A	35.3	
3 PAIUTEW3	6	4	29.1	<A	34.8	<A	33.2	<A	35.1	
3 PAIUTEW3	6	5	29.1	<A	34.5	<A	33.1	<A	34.8	
3 PAIUTEW3	7	1	29.1	<A	34.7	<A	33.2	<A	35.0	
3 PAIUTEW3	7	2	29.1	<A	34.9	<A	33.4	<A	35.3	
1 PARSHAN1	7	7	29.1	<A	34.6	<A	33.0	<A	34.8	
1 PARSHAN1	7	8	29.1	<A	34.7	<A	33.1	<A	35.0	
1 PARSHAN1	8	7	29.1	<A	34.4	<A	32.8	<A	34.6	
1 PARSHAN1	8	8	29.1	<A	34.6	<A	33.0	<A	34.8	
1 PARSHAN1	9	8	29.1	<A	34.3	<A	32.8	<A	34.5	
1 PARSHAN1	10	3	29.1	<A	34.9	<A	33.5	<A	35.3	
Parunuweap WSA										
31 PARUNW31	1	2	29.1	<A	33.0	<A	31.5	<A	33.4	
31 PARUNW31	1	3	29.1	<A	32.9	<A	31.2	<A	33.1	
31 PARUNW31	1	4	29.1	<A	32.6	<A	30.8	<A	32.5	
31 PARUNW31	1	5	29.1	<A	33.0	<A	30.9	<A	32.6	
31 PARUNW31	1	6	29.1	<A	33.2	<A	30.9	<A	32.6	
31 PARUNW31	2	2	29.1	<A	33.1	<A	31.6	<A	33.6	
31 PARUNW31	2	3	29.1	<A	32.8	<A	31.3	<A	33.1	
31 PARUNW31	2	4	29.1	<A	32.5	<A	30.8	<A	32.5	
31 PARUNW31	2	5	29.1	<A	32.6	<A	30.6	<A	32.4	
31 PARUNW31	2	6	29.1	<A	33.0	<A	30.8	<A	32.5	
31 PARUNW31	3	1	29.1	<A	33.6	<A	32.2	<A	34.0	
31 PARUNW31	3	2	29.1	<A	33.2	<A	31.8	<A	33.6	
31 PARUNW31	3	3	29.1	<A	32.9	<A	31.4	<A	33.4	
31 PARUNW31	3	4	29.1	<A	32.5	<A	30.8	<A	32.7	
31 PARUNW31	3	5	29.1	<A	32.5	<A	30.7	<A	32.4	
31 PARUNW31	3	6	29.1	<A	32.8	<A	30.6	<A	32.3	
31 PARUNW31	3	7	29.1	<A	33.2	<A	30.7	<A	32.4	
31 PARUNW31	4	1	29.1	<A	33.7	<A	32.3	<A	34.1	
31 PARUNW31	4	2	29.1	<A	33.3	<A	31.9	<A	33.8	
31 PARUNW31	4	3	29.1	<A	33.2	<A	31.8	<A	33.6	
31 PARUNW31	4	4	29.1	<A	32.6	<A	31.1	<A	33.0	
31 PARUNW31	4	5	29.1	<A	32.2	<A	30.6	<A	32.4	
31 PARUNW31	4	6	29.1	<A	32.4	<A	30.4	<A	32.1	
31 PARUNW31	4	7	29.1	<A	32.8	<A	30.4	<A	32.1	
31 PARUNW31	5	1	29.1	<A	33.6	<A	32.2	<A	34.0	
31 PARUNW31	5	2	29.1	<A	33.5	<A	32.0	<A	33.9	
31 PARUNW31	5	3	29.1	<A	33.2	<A	31.8	<A	33.6	
31 PARUNW31	5	4	29.1	<A	32.7	<A	31.2	<A	33.1	
31 PARUNW31	5	5	29.1	<A	32.3	<A	30.7	<A	32.5	
31 PARUNW31	5	6	29.1	<A	32.1	<A	30.2	<A	32.1	
31 PARUNW31	6	2	29.1	<A	33.3	<A	31.8	<A	33.7	
31 PARUNW31	6	3	29.1	<A	33.2	<A	31.7	<A	33.6	
31 PARUNW31	6	4	29.1	<A	32.9	<A	31.4	<A	33.3	
31 PARUNW31	7	3	29.1	<A	33.2	<A	31.7	<A	33.5	
Pine Valley Mountain Wilderness										
10 PINEV10	1	1	29.1	<A	29.7	<A	<A	<A	29.8	
10 PINEV10	1	2	29.1	<A	29.7	<A	<A	<A	29.9	
10 PINEV10	2	1	29.1	<A	29.6	<A	<A	<A	29.4	
10 PINEV10	2	2	29.1	<A	29.5	<A	<A	<A	29.7	
10 PINEV10	2	3	29.1	<A	29.7	<A	<A	<A	29.9	
10 PINEV10	3	1	29.1	<A	29.6	<A	<A	<A	29.3	
10 PINEV10	3	2	29.1	<A	29.5	<A	<A	<A	29.4	
10 PINEV10	3	3	29.1	<A	29.7	<A	<A	<A	29.9	
10 PINEV10	4	1	29.1	<A	29.9	<A	<A	<A	29.8	
10 PINEV10	4	2	29.1	<A	29.7	<A	<A	<A	29.8	
10 PINEV10	4	3	29.1	<A	29.9	<A	<A	<A	30.0	
10 PINEV10	4	4	29.1	<A	30.1	<A	<A	<A	30.5	
10 PINEV10	5	1	29.1	<A	29.8	<A	<A	<A	30.0	
10 PINEV10	5	2	29.1	<A	30.2	<A	<A	<A	30.4	
10 PINEV10	5	3	29.1	<A	29.9	<A	<A	<A	30.0	
10 PINEV10	5	4	29.1	<A	30.0	<A	<A	<A	30.1	
7 PINEV7	2	2	29.1	<A	30.7	<A	<A	<A	30.7	
7 PINEV7	3	1	29.1	<A	29.8	<A	<A	<A	29.7	
7 PINEV7	3	2	29.1	<A	30.1	<A	<A	<A	29.9	
7 PINEV7	4	1	29.1	<A	29.6	<A	<A	<A	29.6	
7 PINEV7	4	2	29.1	<A	30.0	<A	<A	<A	29.8	
7 PINEV7	5	2	29.1	<A	29.4	<A	<A	<A	29.3	
8 PINEV8	1	3	29.1	<A	31.1	<A	29.5	<A	31.3	
8 PINEV8	2	1	29.1	<A	30.7	<A	<A	<A	30.7	
8 PINEV8	2	2	29.1	<A	30.7	<A	<A	<A	30.8	
8 PINEV8	2	3	29.1	<A	30.8	<A	29.2	<A	31.1	
8 PINEV8	3	1	29.1	<A	30.1	<A	<A	<A	29.9	
8 PINEV8	3	2	29.1	<A	30.7	<A	<A	<A	30.5	
8 PINEV8	3	3	29.1	<A	30.2	<A	<A	<A	30.1	
8 PINEV8	4	1	29.1	<A	30.0	<A	<A	<A	29.8	
8 PINEV8	4	2	29.1	<A	30.2	<A	<A	<A	29.8	
8 PINEV8	4	3	29.1	<A	29.8	<A	<A	<A	29.5	
8 PINEV8	5	1	29.1	<A	29.4	<A	<A	<A	29.3	
8 PINEV8	5	2	29.1	<A	30.4	<A	<A	<A	30.0	
8 PINEV8	5	3	29.1	<A	29.5	<A	<A	<A	29.2	
8 PINEV8	6	2	29.1	<A	29.4	<A	<A	<A	29.3	
8 PINEV8	6	3	29.1	<A	29.6	<A	<A	<A	29.4	
8 PINEV8	7	2	29.1	<A	29.6	<A	<A	<A	29.7	
8 PINEV8	7	3	29.1	<A	29.5	<A	<A	<A	29.5	
8 PINEV8	8	3	29.1	<A	29.6	<A	<A	<A	29.9	
9 PINEV9	1	1	29.1	<A	31.1	<A	29.5	<A	31.3	
9 PINEV9	2	1	29.1	<A	30.8	<A	29.2	<A	31.1	
9 PINEV9	3	1	29.1	<A	30.2	<A	<A	<A	30.1	
9 PINEV9	4	1	29.1	<A	29.8	<A	<A	<A	29.5	
9 PINEV9	4	3	29.1	<A	29.7	<A	<A	<A	29.8	
9 PINEV9	5	1	29.1	<A	29.5	<A	<A	<A	29.2	
9 PINEV9	5	2	29.1	<A	29.6	<A	<A	<A	29.3	
9 PINEV9	5	3	29.1	<A	29.6	<A	<A	<A	29.5	
9 PINEV9	6	1	29.1	<A	29.6	<A	<A	<A	29.4	
9 PINEV9	6	2	29.1	<A	29.6	<A	<A	<A	29.4	
9 PINEV9	6	3	29.1	<A	29.7	<A	<A	<A	29.4	
9 PINEV9	7	1	29.1	<A	29.5	<A	<A	<A	29.5	
9 PINEV9	7	2	29.1	<A	29.5	<A	<A	<A	29.5	

Table S.2003-3
2003 Noise Levels in 4(f) Sites
DNL, Leq (24), Leq (day) (Existing Ambient)

<A = Less than Ambient

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	Existing Ambient Noise Level	2003 DNL		2003 Leq (24)		2003 Leq (day)	
					SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise	SGU Noise Only	Cumulative Noise
					Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport	Existing Airport
9	PINEV9	7	3	29.1	<A	29.9	<A	<A	<A	29.7
Pipe Spring NM										
17	KAIBAB17	3	2	29.1	<A	32.3	<A	30.9	<A	32.8
17	KAIBAB17	3	3	29.1	<A	31.8	<A	30.6	<A	32.4
17	KAIBAB17	4	2	29.1	<A	32.6	<A	31.2	<A	33.0
17	KAIBAB17	4	3	29.1	<A	32.1	<A	30.7	<A	32.6
Quail Creek SP										
38	COTTON38	6	1	29.1	<A	32.7	<A	31.1	<A	32.9
38	COTTON38	6	2	29.1	30.0	33.3	<A	31.6	30.0	33.4
Red Mountain WSA										
39	REDMTN39	1	2	29.1	<A	31.1	<A	29.3	<A	31.2
39	REDMTN39	1	3	29.1	<A	31.5	<A	29.9	<A	31.8
39	REDMTN39	2	1	29.1	<A	30.3	<A	<A	<A	30.3
39	REDMTN39	2	2	29.1	<A	30.5	<A	<A	<A	30.6
39	REDMTN39	2	3	29.1	<A	31.0	<A	29.3	<A	31.1
40	REDMTN40	1	1	29.1	<A	33.9	<A	32.1	<A	33.9
40	REDMTN40	1	2	29.1	<A	34.4	<A	32.7	<A	34.5
40	REDMTN40	1	3	29.1	<A	35.2	<A	33.4	<A	35.2
40	REDMTN40	2	1	29.1	<A	32.5	<A	30.8	<A	32.6
40	REDMTN40	2	2	29.1	<A	33.2	<A	31.5	<A	33.2
40	REDMTN40	2	3	29.1	<A	33.8	<A	32.1	<A	34.0
40	REDMTN40	3	1	29.1	<A	31.5	<A	29.9	<A	31.8
40	REDMTN40	3	2	29.1	<A	32.1	<A	30.5	<A	32.3
40	REDMTN40	3	3	29.1	<A	32.8	<A	31.1	<A	32.9
40	REDMTN40	4	1	29.1	<A	31.0	<A	29.3	<A	31.1
40	REDMTN40	4	2	29.1	<A	31.3	<A	29.8	<A	31.6
40	REDMTN40	4	3	29.1	<A	31.9	<A	30.4	<A	32.1
6	SNOWCAN6	1	2	29.1	<A	30.3	<A	<A	<A	30.4
6	SNOWCAN6	1	3	29.1	<A	30.6	<A	<A	<A	30.7
6	SNOWCAN6	1	4	29.1	<A	31.0	<A	29.3	<A	31.2
6	SNOWCAN6	1	5	29.1	<A	31.4	<A	29.9	<A	31.7
6	SNOWCAN6	1	6	29.1	<A	32.0	<A	30.4	<A	32.2
6	SNOWCAN6	2	2	29.1	<A	30.1	<A	<A	<A	30.1
6	SNOWCAN6	2	3	29.1	<A	30.2	<A	<A	<A	30.3
6	SNOWCAN6	2	4	29.1	<A	30.5	<A	<A	<A	30.6
6	SNOWCAN6	2	5	29.1	<A	30.8	<A	29.3	<A	31.1
6	SNOWCAN6	2	6	29.1	<A	31.2	<A	29.7	<A	31.5
Sand Hollow SP										
48	SANHLW48	1	2	29.1	<A	32.8	<A	31.3	<A	33.2
48	SANHLW48	1	3	29.1	<A	33.3	<A	31.7	<A	33.5
48	SANHLW48	1	4	29.1	<A	33.1	<A	31.4	<A	33.3
48	SANHLW48	2	1	29.1	<A	32.9	<A	31.5	<A	33.3
48	SANHLW48	2	2	29.1	<A	32.5	<A	31.1	<A	33.0
48	SANHLW48	2	3	29.1	<A	33.1	<A	31.6	<A	33.4
48	SANHLW48	2	4	29.1	<A	32.8	<A	31.2	<A	33.1
48	SANHLW48	3	1	29.1	<A	32.3	<A	30.9	<A	32.8
48	SANHLW48	3	2	29.1	<A	32.2	<A	30.8	<A	32.7
48	SANHLW48	3	3	29.1	<A	32.8	<A	31.3	<A	33.2
48	SANHLW48	3	4	29.1	<A	32.7	<A	31.2	<A	33.1
48	SANHLW48	3	5	29.1	<A	32.8	<A	31.3	<A	33.1
48	SANHLW48	4	1	29.1	<A	31.7	<A	30.3	<A	32.2
48	SANHLW48	4	2	29.1	<A	31.9	<A	30.6	<A	32.3
48	SANHLW48	4	3	29.1	<A	32.4	<A	31.1	<A	32.9
48	SANHLW48	4	4	29.1	<A	32.6	<A	31.1	<A	33.0
48	SANHLW48	4	5	29.1	<A	32.7	<A	31.3	<A	33.1
48	SANHLW48	5	2	29.1	<A	31.5	<A	30.2	<A	32.1
48	SANHLW48	5	3	29.1	<A	32.2	<A	30.8	<A	32.7
Snow Canyon SP										
6	SNOWCAN6	2	2	29.1	<A	30.1	<A	<A	<A	30.1
6	SNOWCAN6	2	3	29.1	<A	30.2	<A	<A	<A	30.3
6	SNOWCAN6	2	4	29.1	<A	30.5	<A	<A	<A	30.6
6	SNOWCAN6	2	5	29.1	<A	30.8	<A	29.3	<A	31.1
6	SNOWCAN6	3	1	29.1	<A	30.3	<A	<A	<A	30.4
6	SNOWCAN6	3	2	29.1	<A	30.1	<A	<A	<A	30.2
6	SNOWCAN6	3	3	29.1	<A	30.2	<A	<A	<A	30.3
6	SNOWCAN6	3	4	29.1	<A	30.3	<A	<A	<A	30.5
6	SNOWCAN6	3	5	29.1	<A	30.5	<A	<A	<A	30.6
Spring Creek Canyon WSA										
37	SORING37	1	1	29.1	<A	32.9	<A	31.4	<A	33.2
37	SORING37	2	1	29.1	<A	31.2	<A	29.7	<A	31.6
37	SORING37	2	2	29.1	<A	31.1	<A	29.5	<A	31.3
37	SORING37	2	3	29.1	<A	31.7	<A	29.9	<A	31.8
37	SORING37	3	1	29.1	<A	30.6	<A	<A	<A	30.9
37	SORING37	3	2	29.1	<A	30.4	<A	<A	<A	30.5
37	SORING37	3	3	29.1	<A	30.2	<A	<A	<A	30.2
37	SORING37	4	2	29.1	<A	30.1	<A	<A	<A	30.4
37	SORING37	4	3	29.1	<A	30.1	<A	<A	<A	30.1
Tunnel Spring WSA										
43	TUNEL43	1	1	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	1	2	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	2	1	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	2	2	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	2	3	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	3	1	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	3	2	29.1	<A	<A	<A	<A	<A	<A
43	TUNEL43	3	3	29.1	<A	<A	<A	<A	<A	<A
*Little Black Mountain Petroglyph Site (TA 20.0)										
18	NEWGRID5	1	1	20.0	20.1	32.8	<A	31.4	20.2	33.3

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
Ashdown Gorge Wilderness						
15	ASHDWN15	1	2	29.1	0.1	26.2
15	ASHDWN15	1	3	29.1	0.0	27.0
15	ASHDWN15	2	1	29.1	0.1	27.6
15	ASHDWN15	2	2	29.1	0.1	28.0
15	ASHDWN15	2	3	29.1	0.0	27.7
15	ASHDWN15	2	4	29.1	0.0	27.8
15	ASHDWN15	2	5	29.1	0.0	28.3
15	ASHDWN15	3	1	29.1	0.1	29.0
15	ASHDWN15	3	2	29.1	0.1	28.5
15	ASHDWN15	3	3	29.1	0.0	28.3
15	ASHDWN15	3	4	29.1	0.0	27.6
15	ASHDWN15	3	5	29.1	0.0	27.1
15	ASHDWN15	4	1	29.1	0.0	29.2
15	ASHDWN15	4	2	29.1	0.1	28.9
15	ASHDWN15	4	3	29.1	0.0	27.9
15	ASHDWN15	4	4	29.1	0.1	27.5
Beaver Dam Mountains Wilderness						
4	BEAVER4	2	3	29.1	24.6	149.2
4	BEAVER4	2	4	29.1	15.7	141.1
4	BEAVER4	2	5	29.1	10.3	137.4
4	BEAVER4	2	6	29.1	6.4	133.5
4	BEAVER4	3	4	29.1	24.7	141.0
4	BEAVER4	3	5	29.1	15.0	131.9
4	BEAVER4	3	6	29.1	8.2	123.3
4	BEAVER4	3	7	29.1	4.5	118.7
4	BEAVER4	4	3	29.1	27.9	138.0
4	BEAVER4	4	4	29.1	29.2	138.5
4	BEAVER4	4	5	29.1	19.5	125.8
4	BEAVER4	4	6	29.1	10.7	115.9
4	BEAVER4	4	7	29.1	6.9	109.3
4	BEAVER4	5	5	29.1	27.8	125.9
4	BEAVER4	5	6	29.1	14.5	107.3
4	BEAVER4	6	4	29.1	28.0	120.6
4	BEAVER4	6	5	29.1	31.2	121.4
4	BEAVER4	7	6	29.1	30.6	105.7
4	BEAVER4	7	7	29.1	26.0	100.0
4	BEAVER4	8	6	29.1	35.9	107.8
4	BEAVER4	8	7	29.1	42.3	111.2
Beaver Dam SP						
42	COUGAR42	2	1	29.1	0.0	10.3
42	COUGAR42	2	2	29.1	0.0	9.8
42	COUGAR42	2	3	29.1	0.0	9.1
42	COUGAR42	3	1	29.1	0.0	11.5
43	TUNEL43	2	1	29.1	0.0	9.2
Canaan Mountain WSA						
30	CANAAN30	1	5	29.1	7.0	119.0
30	CANAAN30	1	6	29.1	5.8	115.9
30	CANAAN30	2	3	29.1	4.6	116.5
30	CANAAN30	2	4	29.1	6.4	120.8
30	CANAAN30	2	5	29.1	6.9	124.1
30	CANAAN30	2	6	29.1	5.7	122.6
30	CANAAN30	3	2	29.1	1.8	116.0
30	CANAAN30	3	3	29.1	4.5	120.6
30	CANAAN30	3	4	29.1	5.1	124.8
30	CANAAN30	3	5	29.1	7.2	127.8
30	CANAAN30	3	6	29.1	5.4	128.8
30	CANAAN30	4	2	29.1	2.4	122.7
30	CANAAN30	4	3	29.1	4.7	124.8
30	CANAAN30	4	4	29.1	4.8	129.5
30	CANAAN30	4	5	29.1	5.3	134.7
30	CANAAN30	4	6	29.1	4.7	135.3
30	CANAAN30	5	1	29.1	2.4	125.8
30	CANAAN30	5	2	29.1	2.2	128.3
30	CANAAN30	5	3	29.1	3.3	131.1
30	CANAAN30	5	4	29.1	5.1	134.3
30	CANAAN30	5	5	29.1	6.5	137.3
30	CANAAN30	5	6	29.1	4.7	133.9
30	CANAAN30	6	1	29.1	2.2	127.6
30	CANAAN30	6	2	29.1	2.8	133.4
30	CANAAN30	6	3	29.1	4.1	135.2
30	CANAAN30	6	4	29.1	4.8	136.5
30	CANAAN30	6	5	29.1	4.8	135.2
30	CANAAN30	6	6	29.1	3.6	131.0
30	CANAAN30	7	1	29.1	1.6	125.5
30	CANAAN30	7	2	29.1	2.5	130.4
30	CANAAN30	7	3	29.1	4.7	135.5
30	CANAAN30	7	4	29.1	4.8	133.0
30	CANAAN30	7	5	29.1	4.8	129.6

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
30	CANAAN30	7	6	29.1	3.5	125.3
30	CANAAN30	8	1	29.1	2.3	122.1
30	CANAAN30	8	2	29.1	2.4	124.1
30	CANAAN30	8	3	29.1	3.9	127.2
30	CANAAN30	8	6	29.1	3.4	122.1
30	CANAAN30	9	1	29.1	2.7	115.0
30	CANAAN30	9	2	29.1	2.4	115.7
30	CANAAN30	9	3	29.1	3.9	119.6
Clover Mountains WSA						
44	CLOVER44	1	2	29.1	1.4	13.3
44	CLOVER44	1	3	29.1	1.4	13.1
44	CLOVER44	1	4	29.1	1.2	12.6
44	CLOVER44	1	5	29.1	0.5	10.8
44	CLOVER44	1	6	29.1	0.0	9.5
44	CLOVER44	1	7	29.1	0.0	8.8
44	CLOVER44	2	2	29.1	1.4	13.6
44	CLOVER44	2	3	29.1	1.3	13.6
44	CLOVER44	2	4	29.1	0.8	12.3
44	CLOVER44	2	5	29.1	0.0	10.6
44	CLOVER44	2	6	29.1	0.0	9.8
44	CLOVER44	2	7	29.1	0.0	9.2
44	CLOVER44	3	1	29.1	1.4	15.3
44	CLOVER44	3	2	29.1	1.4	14.7
44	CLOVER44	3	3	29.1	1.0	13.9
44	CLOVER44	3	4	29.1	0.3	11.9
44	CLOVER44	3	5	29.1	0.0	10.9
44	CLOVER44	3	6	29.1	0.0	10.3
44	CLOVER44	3	7	29.1	0.0	9.9
44	CLOVER44	4	3	29.1	0.8	14.6
44	CLOVER44	4	4	29.1	0.0	12.6
44	CLOVER44	4	5	29.1	0.0	11.4
44	CLOVER44	4	6	29.1	0.0	10.8
44	CLOVER44	4	7	29.1	0.0	10.5
44	CLOVER44	5	3	29.1	0.4	15.8
44	CLOVER44	5	4	29.1	0.0	13.8
44	CLOVER44	5	5	29.1	0.0	12.1
44	CLOVER44	5	6	29.1	0.0	11.3
44	CLOVER44	6	4	29.1	0.0	15.0
44	CLOVER44	6	5	29.1	0.0	13.5
44	CLOVER44	6	6	29.1	0.0	12.1
Coral Pink Sand Dunes SP						
29	MOQMTN29	1	2	29.1	2.2	91.7
29	MOQMTN29	1	3	29.1	2.6	93.1
Cottonwood Point Wilderness						
16	COTTON16	1	2	29.1	3.6	124.1
16	COTTON16	2	1	29.1	2.5	119.8
16	COTTON16	2	2	29.1	2.2	124.7
16	COTTON16	3	1	29.1	2.7	119.3
16	COTTON16	3	2	29.1	2.8	122.5
16	COTTON16	4	1	29.1	2.8	115.9
16	COTTON16	4	2	29.1	2.6	118.3
Cottonwood WSA						
38	COTTON38	1	1	29.1	19.0	67.5
38	COTTON38	1	2	29.1	9.7	58.7
38	COTTON38	2	1	29.1	25.2	71.4
38	COTTON38	2	2	29.1	14.6	61.7
38	COTTON38	2	3	29.1	9.3	57.8
38	COTTON38	3	1	29.1	27.5	71.3
38	COTTON38	3	2	29.1	16.5	60.4
38	COTTON38	3	3	29.1	10.9	55.7
38	COTTON38	4	1	29.1	31.1	75.8
38	COTTON38	4	2	29.1	22.2	65.4
38	COTTON38	4	3	29.1	13.2	55.5
38	COTTON38	5	1	29.1	29.3	77.0
38	COTTON38	5	2	29.1	27.3	71.3
38	COTTON38	5	3	29.1	17.6	59.6
38	COTTON38	6	3	29.1	24.3	69.5
Cougar Canyon WSA						
41	COUGAR41	2	2	29.1	0.0	12.4
41	COUGAR41	2	3	29.1	0.0	11.5
41	COUGAR41	3	1	29.1	0.0	17.7
41	COUGAR41	3	2	29.1	0.0	14.4
41	COUGAR41	3	3	29.1	0.0	12.8
41	COUGAR41	4	1	29.1	0.0	22.2
41	COUGAR41	4	2	29.1	0.0	18.5
41	COUGAR41	4	3	29.1	0.0	15.6
41	COUGAR41	5	2	29.1	0.0	23.7
41	COUGAR41	5	3	29.1	0.0	19.7
42	COUGAR42	3	2	29.1	0.0	10.9
42	COUGAR42	3	3	29.1	0.0	10.3
42	COUGAR42	4	1	29.1	0.0	12.8
42	COUGAR42	4	2	29.1	0.0	12.2
42	COUGAR42	5	1	29.1	0.0	15.7
42	COUGAR42	5	2	29.1	0.0	13.4
42	COUGAR42	6	1	29.1	0.0	19.7

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
Deep Creek WSA						
35 DEEPCK35		1	1	29.1	0.3	55.7
35 DEEPCK35		2	1	29.1	0.3	53.0
35 DEEPCK35		2	2	29.1	0.2	48.6
35 DEEPCK35		3	1	29.1	0.3	53.0
35 DEEPCK35		3	2	29.1	0.3	48.9
36 DEEPCK6		2	1	29.1	0.2	53.7
36 DEEPCK6		2	2	29.1	0.2	48.2
36 DEEPCK6		3	1	29.1	0.3	54.9
36 DEEPCK6		3	2	29.1	0.2	50.0
Gateway Corridor 22						
22 SOUTH22		1	1	29.1	3.4	111.6
22 SOUTH22		1	2	29.1	4.0	111.0
22 SOUTH22		2	1	29.1	4.1	98.6
22 SOUTH22		2	2	29.1	4.1	96.5
22 SOUTH22		3	1	29.1	4.3	82.9
22 SOUTH22		3	2	29.1	4.0	80.9
22 SOUTH22		4	1	29.1	3.7	70.2
22 SOUTH22		4	2	29.1	2.7	69.0
22 SOUTH22		5	1	29.1	1.5	60.9
22 SOUTH22		5	2	29.1	0.2	60.2
22 SOUTH22		6	1	29.1	0.0	53.6
22 SOUTH22		6	2	29.1	0.0	56.1
22 SOUTH22		7	1	29.1	0.0	49.5
22 SOUTH22		7	2	29.1	0.0	52.0
Gateway Corridor 23						
23 SOUTH23		1	1	29.1	0.0	49.5
23 SOUTH23		1	2	29.1	0.0	51.8
23 SOUTH23		1	3	29.1	0.0	53.2
23 SOUTH23		2	1	29.1	0.0	45.6
23 SOUTH23		2	2	29.1	0.0	48.3
23 SOUTH23		2	3	29.1	0.0	52.2
23 SOUTH23		3	1	29.1	0.0	45.5
23 SOUTH23		3	2	29.1	0.0	47.0
23 SOUTH23		3	3	29.1	0.0	50.5
23 SOUTH23		4	1	29.1	0.0	44.9
23 SOUTH23		4	2	29.1	0.0	46.7
23 SOUTH23		4	3	29.1	0.0	49.9
23 SOUTH23		5	1	29.1	0.0	46.4
23 SOUTH23		5	2	29.1	0.0	49.3
23 SOUTH23		5	3	29.1	0.0	51.7
23 SOUTH23		6	1	29.1	0.0	47.9
23 SOUTH23		6	2	29.1	0.0	50.2
23 SOUTH23		6	3	29.1	0.0	53.1
Gateway Corridor 24						
24 SOUTH24		1	1	29.1	0.0	48.1
24 SOUTH24		1	2	29.1	0.0	50.3
24 SOUTH24		2	1	29.1	0.0	49.6
24 SOUTH24		2	2	29.1	0.0	51.3
24 SOUTH24		3	1	29.1	0.0	51.5
24 SOUTH24		3	2	29.1	0.0	52.6
24 SOUTH24		4	1	29.1	0.0	55.8
24 SOUTH24		4	2	29.1	0.0	56.2
24 SOUTH24		5	1	29.1	0.0	63.2
24 SOUTH24		5	2	29.1	0.1	63.3
24 SOUTH24		6	1	29.1	0.1	70.5
24 SOUTH24		6	2	29.1	0.1	69.9
24 SOUTH24		7	1	29.1	0.1	78.4
24 SOUTH24		7	2	29.1	0.2	76.8
24 SOUTH24		8	1	29.1	0.2	83.7
24 SOUTH24		8	2	29.1	0.1	82.3
24 SOUTH24		9	1	29.1	0.1	87.6
24 SOUTH24		9	2	29.1	0.2	86.5
24 SOUTH24		10	1	29.1	0.2	89.3
24 SOUTH24		10	2	29.1	0.1	87.1
24 SOUTH24		11	1	29.1	0.1	86.9
24 SOUTH24		11	2	29.1	0.1	84.7
Gateway Corridor 32						
32 EAST32		1	1	29.1	3.1	90.3
32 EAST32		1	2	29.1	2.5	92.1
32 EAST32		1	3	29.1	1.8	91.7
32 EAST32		1	4	29.1	1.9	94.9
32 EAST32		1	5	29.1	1.9	98.9
32 EAST32		1	6	29.1	1.1	98.2
32 EAST32		1	7	29.1	0.5	97.9
32 EAST32		1	8	29.1	1.0	99.9
32 EAST32		1	9	29.1	1.2	98.1
32 EAST32		2	1	29.1	3.0	90.0
32 EAST32		2	2	29.1	2.4	92.5
32 EAST32		2	3	29.1	1.6	93.2
32 EAST32		2	4	29.1	1.9	93.2
32 EAST32		2	5	29.1	1.9	97.9
32 EAST32		2	6	29.1	1.1	99.8
32 EAST32		2	7	29.1	0.1	98.3
32 EAST32		2	8	29.1	0.8	100.3
32 EAST32		2	9	29.1	1.3	100.2
Gateway Corridor 33						
33 EAST33		1	1	29.1	0.1	81.8
33 EAST33		1	2	29.1	0.2	75.2
33 EAST33		1	3	29.1	0.2	70.0

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
33	EAST33	1	4	29.1	0.1	67.8
33	EAST33	1	5	29.1	0.1	63.8
33	EAST33	1	6	29.1	0.1	55.2
33	EAST33	1	7	29.1	0.2	51.2
33	EAST33	1	8	29.1	0.1	47.0
33	EAST33	2	1	29.1	0.1	88.7
33	EAST33	2	2	29.1	0.1	81.3
33	EAST33	2	3	29.1	0.2	75.9
33	EAST33	2	4	29.1	0.2	72.4
33	EAST33	2	5	29.1	0.1	69.7
33	EAST33	2	6	29.1	0.1	64.3
33	EAST33	2	7	29.1	0.1	55.8
33	EAST33	2	8	29.1	0.2	51.5
Grand Canyon-Parashant NM						
2	PAIUTEW2	2	2	29.1	1.8	132.8
2	PAIUTEW2	2	3	29.1	2.8	134.5
2	PAIUTEW2	3	2	29.1	0.4	125.5
2	PAIUTEW2	3	3	29.1	1.6	127.7
2	PAIUTEW2	7	2	29.1	0.4	115.6
2	PAIUTEW2	8	2	29.1	0.5	109.0
23	SOUTH23	2	1	29.1	0.0	45.6
23	SOUTH23	2	2	29.1	0.0	48.3
23	SOUTH23	3	1	29.1	0.0	45.5
23	SOUTH23	3	2	29.1	0.0	47.0
23	SOUTH23	3	3	29.1	0.0	50.5
23	SOUTH23	4	1	29.1	0.0	44.9
23	SOUTH23	4	2	29.1	0.0	46.7
23	SOUTH23	4	3	29.1	0.0	49.9
23	SOUTH23	5	1	29.1	0.0	46.4
23	SOUTH23	5	2	29.1	0.0	49.3
23	SOUTH23	5	3	29.1	0.0	51.7
23	SOUTH23	6	3	29.1	0.0	53.1
Grand Canyon-Parashant NM (West)						
2	PAIUTEW2	9	2	29.1	0.4	103.3
2	PAIUTEW2	10	2	29.1	0.4	101.4
21	PARASH21	1	1	29.1	0.0	185.9
21	PARASH21	1	2	29.1	0.0	172.8
21	PARASH21	1	3	29.1	0.0	167.3
21	PARASH21	1	4	29.1	0.0	166.1
21	PARASH21	2	1	29.1	0.0	191.0
21	PARASH21	2	2	29.1	0.0	173.9
21	PARASH21	2	3	29.1	0.0	165.9
21	PARASH21	2	4	29.1	0.0	161.0
21	PARASH21	3	1	29.1	0.0	194.8
21	PARASH21	3	2	29.1	0.0	176.3
21	PARASH21	3	3	29.1	0.0	164.5
21	PARASH21	3	4	29.1	0.0	161.8
21	PARASH21	4	1	29.1	0.0	202.0
21	PARASH21	4	2	29.1	0.0	183.8
21	PARASH21	4	3	29.1	0.0	166.9
21	PARASH21	4	4	29.1	0.0	160.7
21	PARASH21	5	1	29.1	0.0	206.6
21	PARASH21	5	2	29.1	0.0	187.6
21	PARASH21	5	3	29.1	0.0	172.7
21	PARASH21	5	4	29.1	0.0	157.9
21	PARASH21	6	1	29.1	0.0	206.6
21	PARASH21	6	2	29.1	0.0	193.1
21	PARASH21	6	3	29.1	0.0	177.6
21	PARASH21	6	4	29.1	0.0	164.6
21	PARASH21	7	1	29.1	0.0	206.7
21	PARASH21	7	2	29.1	0.0	196.4
21	PARASH21	7	3	29.1	0.0	180.1
21	PARASH21	7	4	29.1	0.0	168.2
21	PARASH21	8	1	29.1	0.1	207.3
21	PARASH21	8	2	29.1	0.1	199.1
21	PARASH21	8	3	29.1	0.0	185.3
21	PARASH21	8	4	29.1	0.0	171.0
21	PARASH21	9	3	29.1	0.2	191.2
21	PARASH21	9	4	29.1	0.2	175.5
21	PARASH21	12	1	29.1	0.3	204.9
21	PARASH21	12	2	29.1	0.3	199.9
21	PARASH21	12	3	29.1	0.3	190.4
21	PARASH21	12	4	29.1	0.3	182.8
21	PARASH21	13	1	29.1	0.3	191.7
21	PARASH21	13	2	29.1	0.3	195.8
21	PARASH21	13	3	29.1	0.3	190.1
21	PARASH21	13	4	29.1	0.3	183.3
21	PARASH21	14	1	29.1	0.1	183.9
21	PARASH21	14	2	29.1	0.1	190.6
21	PARASH21	14	3	29.1	0.2	188.3
21	PARASH21	14	4	29.1	0.2	183.5
21	PARASH21	15	1	29.1	0.0	175.4
21	PARASH21	15	2	29.1	0.0	182.7
21	PARASH21	15	3	29.1	0.0	188.3
21	PARASH21	15	4	29.1	0.0	185.1
21	PARASH21	16	1	29.1	0.0	166.6
21	PARASH21	16	2	29.1	0.0	176.8
21	PARASH21	17	1	29.1	0.0	157.1
1	PARSHAN1	1	1	29.1	0.0	166.0
1	PARSHAN1	1	2	29.1	0.1	165.3

**Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS**

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
1	PARSHAN1	1	3	29.1	0.1	161.8
1	PARSHAN1	1	4	29.1	1.2	156.7
1	PARSHAN1	1	5	29.1	2.3	155.4
1	PARSHAN1	1	6	29.1	2.9	156.7
1	PARSHAN1	2	1	29.1	0.0	161.0
1	PARSHAN1	2	2	29.1	0.0	161.1
1	PARSHAN1	2	3	29.1	0.1	157.5
1	PARSHAN1	2	4	29.1	0.1	153.3
1	PARSHAN1	2	5	29.1	1.2	148.6
1	PARSHAN1	2	6	29.1	2.3	151.4
1	PARSHAN1	2	9	29.1	8.1	165.8
1	PARSHAN1	3	1	29.1	0.0	161.9
1	PARSHAN1	3	2	29.1	0.0	157.7
1	PARSHAN1	3	3	29.1	0.1	154.3
1	PARSHAN1	3	4	29.1	0.1	149.0
1	PARSHAN1	3	5	29.1	0.1	142.3
1	PARSHAN1	3	6	29.1	1.1	145.0
1	PARSHAN1	3	7	29.1	2.2	147.4
1	PARSHAN1	3	8	29.1	3.1	151.5
1	PARSHAN1	4	1	29.1	0.0	160.7
1	PARSHAN1	4	2	29.1	0.0	155.3
1	PARSHAN1	4	3	29.1	0.0	151.2
1	PARSHAN1	4	4	29.1	0.1	147.2
1	PARSHAN1	4	5	29.1	0.2	139.9
1	PARSHAN1	4	6	29.1	0.3	138.0
1	PARSHAN1	4	7	29.1	1.0	140.1
1	PARSHAN1	4	8	29.1	2.3	143.4
1	PARSHAN1	4	9	29.1	3.2	146.7
1	PARSHAN1	5	1	29.1	0.0	157.8
1	PARSHAN1	5	2	29.1	0.0	155.1
1	PARSHAN1	5	3	29.1	0.0	149.5
1	PARSHAN1	5	4	29.1	0.0	145.9
1	PARSHAN1	5	5	29.1	0.2	139.9
1	PARSHAN1	5	6	29.1	0.2	134.3
1	PARSHAN1	5	7	29.1	0.3	133.9
1	PARSHAN1	5	8	29.1	0.9	135.8
1	PARSHAN1	5	9	29.1	2.1	138.6
1	PARSHAN1	6	1	29.1	0.0	164.7
1	PARSHAN1	6	2	29.1	0.0	154.4
1	PARSHAN1	6	3	29.1	0.0	147.9
1	PARSHAN1	6	4	29.1	0.0	142.5
1	PARSHAN1	6	5	29.1	0.0	139.2
1	PARSHAN1	6	6	29.1	0.2	133.6
1	PARSHAN1	6	7	29.1	0.2	129.9
1	PARSHAN1	6	8	29.1	0.3	131.0
1	PARSHAN1	6	9	29.1	0.8	131.0
1	PARSHAN1	7	1	29.1	0.0	168.3
1	PARSHAN1	7	2	29.1	0.0	155.4
1	PARSHAN1	7	3	29.1	0.0	149.7
1	PARSHAN1	7	4	29.1	0.0	143.4
1	PARSHAN1	7	5	29.1	0.0	136.5
1	PARSHAN1	7	6	29.1	0.0	132.1
1	PARSHAN1	7	7	29.1	0.2	128.6
1	PARSHAN1	7	8	29.1	0.2	128.9
1	PARSHAN1	7	9	29.1	0.3	127.6
1	PARSHAN1	8	1	29.1	0.0	171.1
1	PARSHAN1	8	2	29.1	0.0	159.5
1	PARSHAN1	8	3	29.1	0.0	151.2
1	PARSHAN1	8	4	29.1	0.0	142.2
1	PARSHAN1	8	5	29.1	0.0	136.4
1	PARSHAN1	8	6	29.1	0.0	130.6
1	PARSHAN1	8	7	29.1	0.1	127.0
1	PARSHAN1	8	9	29.1	0.2	126.7
1	PARSHAN1	9	1	29.1	0.2	175.5
1	PARSHAN1	9	2	29.1	0.1	162.0
1	PARSHAN1	9	3	29.1	0.1	152.0
1	PARSHAN1	9	4	29.1	0.1	144.6
1	PARSHAN1	9	5	29.1	0.1	136.9
1	PARSHAN1	9	6	29.1	0.0	130.3
1	PARSHAN1	9	7	29.1	0.0	125.2
1	PARSHAN1	9	8	29.1	0.1	121.0
1	PARSHAN1	10	3	29.1	0.3	152.5
1	PARSHAN1	10	4	29.1	0.2	146.7
1	PARSHAN1	10	5	29.1	0.2	136.0
1	PARSHAN1	10	6	29.1	0.2	130.1
1	PARSHAN1	10	7	29.1	0.2	124.9
1	PARSHAN1	10	8	29.1	0.1	119.3
1	PARSHAN1	10	9	29.1	0.3	118.3
1	PARSHAN1	11	3	29.1	0.3	155.6
1	PARSHAN1	11	4	29.1	0.3	146.7
1	PARSHAN1	11	5	29.1	0.3	138.0
1	PARSHAN1	11	6	29.1	0.3	128.1
1	PARSHAN1	11	7	29.1	0.3	123.5
1	PARSHAN1	11	8	29.1	0.2	119.4
1	PARSHAN1	11	9	29.1	0.3	114.7
1	PARSHAN1	12	1	29.1	0.3	182.9
1	PARSHAN1	12	2	29.1	0.3	173.6
1	PARSHAN1	12	3	29.1	0.3	156.5
1	PARSHAN1	12	4	29.1	0.3	146.2
1	PARSHAN1	12	5	29.1	0.3	140.1

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
1	PARSHAN1	12	6	29.1	0.3	129.0
1	PARSHAN1	12	7	29.1	0.3	120.6
1	PARSHAN1	12	8	29.1	0.3	116.5
1	PARSHAN1	12	9	29.1	0.3	112.5
1	PARSHAN1	13	1	29.1	0.3	183.4
1	PARSHAN1	13	2	29.1	0.3	175.3
1	PARSHAN1	13	3	29.1	0.3	162.3
1	PARSHAN1	13	4	29.1	0.3	148.7
1	PARSHAN1	13	5	29.1	0.3	141.3
1	PARSHAN1	13	6	29.1	0.3	131.6
1	PARSHAN1	13	7	29.1	0.3	121.1
1	PARSHAN1	13	8	29.1	0.3	112.9
1	PARSHAN1	13	9	29.1	0.3	108.7
1	PARSHAN1	14	1	29.1	0.2	183.5
1	PARSHAN1	14	2	29.1	0.2	177.3
1	PARSHAN1	14	3	29.1	0.2	167.1
1	PARSHAN1	14	4	29.1	0.2	150.6
1	PARSHAN1	14	5	29.1	0.3	141.4
1	PARSHAN1	14	6	29.1	0.3	134.2
1	PARSHAN1	14	7	29.1	0.3	122.3
1	PARSHAN1	14	8	29.1	0.3	113.2
1	PARSHAN1	14	9	29.1	0.3	107.0
1	PARSHAN1	15	1	29.1	0.0	185.1
1	PARSHAN1	15	2	29.1	0.0	179.9
1	PARSHAN1	15	3	29.1	0.1	170.1
1	PARSHAN1	15	4	29.1	0.1	156.4
1	PARSHAN1	15	5	29.1	0.1	141.6
1	PARSHAN1	15	6	29.1	0.1	135.3
1	PARSHAN1	15	7	29.1	0.1	125.3
1	PARSHAN1	15	8	29.1	0.1	115.0
1	PARSHAN1	16	3	29.1	0.0	174.9
1	PARSHAN1	16	4	29.1	0.0	161.9
1	PARSHAN1	16	5	29.1	0.0	145.6
1	PARSHAN1	16	6	29.1	0.0	136.1
1	PARSHAN1	16	7	29.1	0.0	129.0
1	PARSHAN1	17	4	29.1	0.0	166.4
1	PARSHAN1	17	5	29.1	0.0	150.0
Grand Wash Cliffs Wilderness						
21	PARASH21	8	1	29.1	0.1	207.3
21	PARASH21	8	2	29.1	0.1	199.1
21	PARASH21	8	3	29.1	0.0	185.3
21	PARASH21	9	1	29.1	0.2	209.4
21	PARASH21	9	2	29.1	0.2	201.2
21	PARASH21	9	3	29.1	0.2	191.2
21	PARASH21	9	4	29.1	0.2	175.5
21	PARASH21	10	1	29.1	0.3	211.9
21	PARASH21	10	2	29.1	0.3	201.6
21	PARASH21	10	3	29.1	0.3	192.0
21	PARASH21	10	4	29.1	0.3	181.3
21	PARASH21	11	1	29.1	0.3	211.2
21	PARASH21	11	2	29.1	0.3	200.2
21	PARASH21	11	3	29.1	0.3	192.2
21	PARASH21	11	4	29.1	0.3	183.4
1	PARSHAN1	9	1	29.1	0.2	175.5
1	PARSHAN1	9	2	29.1	0.1	162.0
1	PARSHAN1	10	1	29.1	0.3	181.4
1	PARSHAN1	10	2	29.1	0.3	165.0
1	PARSHAN1	11	1	29.1	0.3	183.4
1	PARSHAN1	11	2	29.1	0.3	167.7
Gunlock SP						
40	REDMTN40	1	2	29.1	5.4	118.1
40	REDMTN40	1	3	29.1	5.8	126.0
40	REDMTN40	2	2	29.1	2.8	105.9
40	REDMTN40	2	3	29.1	2.9	108.7
Kaibab Indian Reservation						
17	KAIBAB17	1	1	29.1	0.0	109.6
17	KAIBAB17	1	2	29.1	0.2	108.9
17	KAIBAB17	1	3	29.1	0.2	106.9
17	KAIBAB17	1	4	29.1	0.3	106.0
17	KAIBAB17	1	5	29.1	1.8	106.6
17	KAIBAB17	1	6	29.1	2.9	108.0
17	KAIBAB17	1	7	29.1	2.6	107.1
17	KAIBAB17	1	8	29.1	2.6	108.3
17	KAIBAB17	2	1	29.1	0.0	105.8
17	KAIBAB17	2	2	29.1	0.2	106.7
17	KAIBAB17	2	3	29.1	0.2	105.3
17	KAIBAB17	2	4	29.1	0.3	102.6
17	KAIBAB17	2	5	29.1	1.6	102.8
17	KAIBAB17	2	6	29.1	2.8	102.5
17	KAIBAB17	2	7	29.1	2.4	103.1
17	KAIBAB17	2	8	29.1	2.4	104.7
17	KAIBAB17	3	1	29.1	0.0	103.0
17	KAIBAB17	3	2	29.1	0.2	104.2
17	KAIBAB17	3	3	29.1	0.2	103.5
17	KAIBAB17	3	4	29.1	0.6	100.5
17	KAIBAB17	3	5	29.1	2.3	100.1
17	KAIBAB17	3	6	29.1	2.9	98.4
17	KAIBAB17	3	7	29.1	2.6	100.0
17	KAIBAB17	3	8	29.1	2.7	100.6
17	KAIBAB17	4	1	29.1	0.1	101.2

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
17	KAIBAB17	4	2	29.1	0.2	102.1
17	KAIBAB17	4	3	29.1	0.2	101.2
17	KAIBAB17	4	4	29.1	0.9	99.3
17	KAIBAB17	4	5	29.1	2.3	96.8
17	KAIBAB17	4	6	29.1	3.0	95.3
17	KAIBAB17	4	7	29.1	3.1	95.7
17	KAIBAB17	4	8	29.1	2.6	95.4
17	KAIBAB17	5	1	29.1	0.1	96.9
17	KAIBAB17	5	2	29.1	0.2	97.7
17	KAIBAB17	5	3	29.1	0.2	97.2
17	KAIBAB17	5	4	29.1	0.9	96.3
17	KAIBAB17	5	5	29.1	2.5	94.4
17	KAIBAB17	5	6	29.1	3.1	91.3
17	KAIBAB17	5	7	29.1	3.6	90.5
17	KAIBAB17	5	8	29.1	2.2	88.8
17	KAIBAB17	6	1	29.1	0.1	92.6
17	KAIBAB17	6	2	29.1	0.2	93.9
17	KAIBAB17	6	3	29.1	0.2	93.7
17	KAIBAB17	6	4	29.1	1.0	92.9
17	KAIBAB17	6	5	29.1	2.4	91.1
17	KAIBAB17	6	6	29.1	3.2	87.3
17	KAIBAB17	6	7	29.1	4.0	84.6
17	KAIBAB17	6	8	29.1	3.1	85.3
28	KAIBAB28	1	1	29.1	0.1	92.6
28	KAIBAB28	1	2	29.1	0.2	93.7
28	KAIBAB28	1	3	29.1	0.2	93.5
28	KAIBAB28	1	4	29.1	1.1	92.8
28	KAIBAB28	1	5	29.1	2.5	90.7
28	KAIBAB28	1	6	29.1	3.1	86.8
28	KAIBAB28	1	7	29.1	4.0	84.5
28	KAIBAB28	1	8	29.1	3.2	85.3
28	KAIBAB28	2	1	29.1	0.1	87.6
28	KAIBAB28	2	2	29.1	0.2	89.8
28	KAIBAB28	2	3	29.1	0.2	89.8
28	KAIBAB28	2	4	29.1	1.1	89.0
28	KAIBAB28	2	5	29.1	2.5	88.6
28	KAIBAB28	2	6	29.1	3.8	87.1
28	KAIBAB28	2	7	29.1	4.2	82.9
28	KAIBAB28	2	8	29.1	3.4	82.3
28	KAIBAB28	3	1	29.1	0.2	84.1
28	KAIBAB28	3	2	29.1	0.2	88.0
28	KAIBAB28	3	3	29.1	0.2	88.5
28	KAIBAB28	3	4	29.1	1.1	88.8
28	KAIBAB28	3	5	29.1	2.5	88.7
28	KAIBAB28	3	6	29.1	3.8	86.7
28	KAIBAB28	3	7	29.1	4.5	83.5
28	KAIBAB28	3	8	29.1	3.6	79.7
Kaibab National Forest						
25	KAIFST25	1	3	29.1	0.0	80.7
25	KAIFST25	1	4	29.1	0.0	76.2
25	KAIFST25	2	3	29.1	0.0	77.6
24	SOUTH24	9	1	29.1	0.1	87.6
24	SOUTH24	9	2	29.1	0.2	86.5
24	SOUTH24	10	1	29.1	0.2	89.3
24	SOUTH24	10	2	29.1	0.1	87.1
24	SOUTH24	11	1	29.1	0.1	86.9
24	SOUTH24	11	2	29.1	0.1	84.7
Kanab Creek Wilderness						
25	KAIFST25	1	4	29.1	0.0	76.2
25	KAIFST25	1	5	29.1	0.0	72.6
25	KAIFST25	1	6	29.1	0.0	70.0
25	KAIFST25	2	3	29.1	0.0	77.6
25	KAIFST25	2	4	29.1	0.0	74.4
25	KAIFST25	2	5	29.1	0.0	70.8
25	KAIFST25	2	6	29.1	0.0	67.6
25	KAIFST25	3	3	29.1	0.0	76.2
25	KAIFST25	3	4	29.1	0.0	72.9
25	KAIFST25	3	5	29.1	0.0	69.6
25	KAIFST25	3	6	29.1	0.0	66.9
26	KANCRK26	2	1	29.1	0.0	73.3
26	KANCRK26	2	2	29.1	0.0	70.9
26	KANCRK26	3	1	29.1	0.0	70.1
26	KANCRK26	3	2	29.1	0.0	68.0
26	KANCRK26	4	1	29.1	0.0	68.0
26	KANCRK26	4	2	29.1	0.0	64.3
26	KANCRK26	5	1	29.1	0.0	66.7
26	KANCRK26	5	2	29.1	0.0	65.5
27	KANCRK27	1	1	29.1	0.0	63.6
27	KANCRK27	1	2	29.1	0.0	61.5
27	KANCRK27	1	3	29.1	0.0	62.2
27	KANCRK27	1	4	29.1	0.0	63.9
27	KANCRK27	2	1	29.1	0.0	67.4
27	KANCRK27	2	2	29.1	0.0	65.6
27	KANCRK27	2	3	29.1	0.0	65.7
27	KANCRK27	2	4	29.1	0.0	66.1

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
Lake Mead National Recreation Area						
46	LKMEAD46	1	1	29.1	3.5	231.0
46	LKMEAD46	1	2	29.1	1.7	240.0
46	LKMEAD46	2	1	29.1	9.5	232.2
46	LKMEAD46	2	2	29.1	6.1	235.9
46	LKMEAD46	2	3	29.1	2.7	238.9
46	LKMEAD46	2	4	29.1	1.8	245.7
46	LKMEAD46	3	1	29.1	12.6	224.0
46	LKMEAD46	3	2	29.1	10.2	232.1
46	LKMEAD46	3	3	29.1	7.8	237.6
46	LKMEAD46	3	4	29.1	5.0	240.8
46	LKMEAD46	4	1	29.1	12.3	213.9
47	LKMEAD47	1	1	29.1	12.8	212.4
47	LKMEAD47	1	2	29.1	11.1	222.5
47	LKMEAD47	1	3	29.1	8.7	229.2
47	LKMEAD47	1	4	29.1	3.5	231.4
47	LKMEAD47	2	1	29.1	13.2	204.8
47	LKMEAD47	2	2	29.1	14.4	217.0
47	LKMEAD47	2	3	29.1	12.2	224.1
47	LKMEAD47	2	4	29.1	9.4	232.2
47	LKMEAD47	3	1	29.1	12.3	198.9
47	LKMEAD47	3	2	29.1	12.8	205.8
47	LKMEAD47	3	3	29.1	12.9	216.4
47	LKMEAD47	3	4	29.1	12.5	224.3
47	LKMEAD47	4	1	29.1	8.6	193.9
47	LKMEAD47	4	2	29.1	11.7	202.1
47	LKMEAD47	4	3	29.1	12.1	209.0
47	LKMEAD47	4	4	29.1	12.3	214.2
47	LKMEAD47	5	3	29.1	10.8	201.9
Lime Canyon WSA						
47	LKMEAD47	4	1	29.1	8.6	193.9
47	LKMEAD47	4	2	29.1	11.7	202.1
47	LKMEAD47	5	1	29.1	5.9	190.0
47	LKMEAD47	5	2	29.1	9.2	199.3
47	LKMEAD47	6	1	29.1	2.3	186.0
Moquith Mountains WSA						
17	KAIBAB17	4	7	29.1	3.1	95.7
17	KAIBAB17	5	7	29.1	3.6	90.5
29	MOQMTN29	1	1	29.1	2.7	91.7
29	MOQMTN29	1	2	29.1	2.2	91.7
29	MOQMTN29	1	3	29.1	2.6	93.1
29	MOQMTN29	2	1	29.1	2.4	85.2
29	MOQMTN29	2	2	29.1	1.7	85.4
29	MOQMTN29	2	3	29.1	1.7	86.7
29	MOQMTN29	2	4	29.1	2.4	90.6
29	MOQMTN29	3	1	29.1	3.3	82.7
29	MOQMTN29	3	2	29.1	1.6	80.9
29	MOQMTN29	3	3	29.1	1.4	80.9
29	MOQMTN29	3	4	29.1	2.5	85.7
29	MOQMTN29	3	5	29.1	3.1	90.1
29	MOQMTN29	4	1	29.1	3.6	81.2
29	MOQMTN29	4	2	29.1	1.9	80.4
29	MOQMTN29	4	3	29.1	0.9	80.9
Morman Mountains WSA						
45	WEST45	1	1	29.1	0.0	99.7
45	WEST45	1	2	29.1	0.0	86.2
45	WEST45	1	3	29.1	0.0	74.3
45	WEST45	1	4	29.1	0.0	62.0
45	WEST45	1	5	29.1	0.0	50.0
45	WEST45	1	6	29.1	0.0	44.6
45	WEST45	1	7	29.1	0.0	37.7
45	WEST45	1	8	29.1	0.0	30.9
45	WEST45	1	9	29.1	0.0	25.5
45	WEST45	1	10	29.1	0.0	23.4
45	WEST45	1	11	29.1	0.0	21.4
45	WEST45	2	2	29.1	0.0	101.3
45	WEST45	2	3	29.1	0.0	87.6
45	WEST45	2	4	29.1	0.0	77.0
45	WEST45	2	5	29.1	0.0	64.7
45	WEST45	2	6	29.1	0.0	54.3
45	WEST45	2	7	29.1	0.0	46.3
45	WEST45	2	8	29.1	0.0	40.3
45	WEST45	2	9	29.1	0.0	34.6
45	WEST45	2	10	29.1	0.0	28.1
45	WEST45	3	6	29.1	0.0	67.2
45	WEST45	3	7	29.1	0.0	57.6
45	WEST45	3	8	29.1	0.0	49.0
45	WEST45	3	9	29.1	0.0	42.4
North Fork Virgin River						
35	DEEPCK35	4	1	29.1	0.3	53.3
35	DEEPCK35	5	1	29.1	0.2	54.2
34	ORDERV34	1	4	29.1	0.2	75.0
34	ORDERV34	1	5	29.1	0.3	66.7
34	ORDERV34	2	4	29.1	0.2	76.2
34	ORDERV34	2	5	29.1	0.2	72.0
Orderville Canyon WSA						
34	ORDERV34	1	2	29.1	0.4	82.4
34	ORDERV34	1	3	29.1	0.3	78.7
34	ORDERV34	2	2	29.1	0.4	85.5
34	ORDERV34	2	3	29.1	0.3	79.8

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
Paiute Indian Reservation						
5 PAIUTEW5		1	1	29.1	2.0	138.3
5 PAIUTEW5		1	2	29.1	1.6	139.0
5 PAIUTEW5		1	3	29.1	1.5	144.3
5 PAIUTEW5		1	4	29.1	1.6	146.0
5 PAIUTEW5		1	5	29.1	2.3	142.8
5 PAIUTEW5		2	1	29.1	2.2	118.9
5 PAIUTEW5		2	2	29.1	2.8	123.4
5 PAIUTEW5		2	3	29.1	3.5	128.5
5 PAIUTEW5		2	4	29.1	4.5	127.1
5 PAIUTEW5		2	5	29.1	5.2	129.4
5 PAIUTEW5		3	1	29.1	3.0	102.6
5 PAIUTEW5		3	2	29.1	5.9	109.6
5 PAIUTEW5		3	3	29.1	6.2	112.4
5 PAIUTEW5		3	4	29.1	5.6	114.0
5 PAIUTEW5		3	5	29.1	5.3	114.2
5 PAIUTEW5		4	1	29.1	6.9	94.5
5 PAIUTEW5		4	2	29.1	7.6	97.0
5 PAIUTEW5		4	3	29.1	8.7	99.1
5 PAIUTEW5		4	4	29.1	6.3	99.5
5 PAIUTEW5		4	5	29.1	4.5	101.1
5 PAIUTEW5		5	1	29.1	9.9	87.3
5 PAIUTEW5		5	2	29.1	9.2	87.5
5 PAIUTEW5		5	3	29.1	8.9	87.9
5 PAIUTEW5		5	4	29.1	5.5	87.0
5 PAIUTEW5		5	5	29.1	2.1	87.7
Paiute Indian Reservation (North)						
14 PAIUTE15		1	1	29.1	15.7	90.6
14 PAIUTE15		1	2	29.1	15.3	89.9
14 PAIUTE15		2	1	29.1	8.7	72.1
14 PAIUTE15		2	2	29.1	13.4	76.0
14 PAIUTE15		3	1	29.1	3.0	55.3
14 PAIUTE15		3	2	29.1	6.4	59.5
Paiute Wilderness						
4 BEAVER4		1	1	29.1	20.9	157.7
4 BEAVER4		1	2	29.1	23.4	159.1
4 BEAVER4		2	1	29.1	14.7	141.9
4 BEAVER4		2	2	29.1	25.0	151.2
4 BEAVER4		3	1	29.1	14.9	133.4
4 BEAVER4		3	2	29.1	25.5	143.6
4 BEAVER4		3	3	29.1	28.1	146.7
4 BEAVER4		3	8	29.1	2.6	115.7
4 BEAVER4		4	1	29.1	11.1	120.7
4 BEAVER4		4	2	29.1	18.5	128.3
4 BEAVER4		4	4	29.1	29.2	138.5
4 BEAVER4		5	1	29.1	6.9	107.5
4 BEAVER4		5	2	29.1	12.3	113.3
4 BEAVER4		5	3	29.1	22.5	124.2
4 BEAVER4		5	4	29.1	29.5	131.5
4 BEAVER4		6	3	29.1	16.8	110.6
2 PAIUTEW2		2	1	29.1	0.6	130.3
2 PAIUTEW2		2	2	29.1	1.8	132.8
2 PAIUTEW2		2	3	29.1	2.8	134.5
2 PAIUTEW2		2	4	29.1	4.8	136.7
2 PAIUTEW2		3	1	29.1	0.3	127.6
2 PAIUTEW2		3	2	29.1	0.4	125.5
2 PAIUTEW2		3	3	29.1	1.6	127.7
2 PAIUTEW2		3	4	29.1	2.4	128.2
2 PAIUTEW2		4	1	29.1	0.2	126.7
2 PAIUTEW2		4	2	29.1	0.3	124.4
2 PAIUTEW2		4	3	29.1	0.4	121.6
2 PAIUTEW2		4	4	29.1	1.2	121.8
2 PAIUTEW2		5	1	29.1	0.2	123.3
2 PAIUTEW2		5	2	29.1	0.3	123.6
2 PAIUTEW2		5	3	29.1	0.3	119.7
2 PAIUTEW2		5	4	29.1	0.5	117.7
2 PAIUTEW2		6	1	29.1	0.3	118.0
2 PAIUTEW2		6	2	29.1	0.3	120.8
2 PAIUTEW2		6	3	29.1	0.4	119.8
2 PAIUTEW2		6	4	29.1	0.6	116.5
2 PAIUTEW2		7	2	29.1	0.4	115.6
2 PAIUTEW2		7	3	29.1	0.4	115.6
2 PAIUTEW2		7	4	29.1	0.5	112.3
2 PAIUTEW2		8	2	29.1	0.5	109.0
2 PAIUTEW2		8	3	29.1	0.5	110.3
2 PAIUTEW2		8	4	29.1	0.7	108.5
2 PAIUTEW2		9	3	29.1	0.5	103.7
3 PAIUTEW3		1	1	29.1	9.1	148.1
3 PAIUTEW3		1	2	29.1	12.2	155.5
3 PAIUTEW3		2	1	29.1	4.8	136.7
3 PAIUTEW3		2	2	29.1	9.6	143.0
3 PAIUTEW3		2	3	29.1	13.2	152.2
3 PAIUTEW3		2	4	29.1	15.4	157.0
3 PAIUTEW3		2	5	29.1	20.9	161.7
3 PAIUTEW3		3	1	29.1	2.4	128.2
3 PAIUTEW3		3	2	29.1	5.2	132.9
3 PAIUTEW3		3	3	29.1	9.2	136.9
3 PAIUTEW3		3	4	29.1	14.0	147.4
3 PAIUTEW3		3	5	29.1	18.6	152.6
3 PAIUTEW3		4	1	29.1	1.2	121.7

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
3	PAIUTEW3	4	2	29.1	2.6	125.0
3	PAIUTEW3	4	3	29.1	4.6	126.8
3	PAIUTEW3	4	4	29.1	8.3	130.8
3	PAIUTEW3	4	5	29.1	15.5	140.5
3	PAIUTEW3	5	1	29.1	0.5	117.7
3	PAIUTEW3	5	2	29.1	1.5	118.8
3	PAIUTEW3	5	3	29.1	3.9	122.1
3	PAIUTEW3	5	4	29.1	7.6	124.7
3	PAIUTEW3	5	5	29.1	16.7	133.1
3	PAIUTEW3	6	1	29.1	0.6	116.4
3	PAIUTEW3	6	2	29.1	0.8	113.7
3	PAIUTEW3	6	3	29.1	2.4	112.5
3	PAIUTEW3	6	4	29.1	5.1	112.4
3	PAIUTEW3	6	5	29.1	9.9	116.1
3	PAIUTEW3	7	1	29.1	0.5	112.3
3	PAIUTEW3	7	2	29.1	0.7	108.3
1	PARSHAN1	7	7	29.1	0.2	128.6
1	PARSHAN1	7	8	29.1	0.2	128.9
1	PARSHAN1	8	7	29.1	0.1	127.0
1	PARSHAN1	8	8	29.1	0.1	124.8
1	PARSHAN1	9	8	29.1	0.1	121.0
1	PARSHAN1	10	3	29.1	0.3	152.5
Parunuweap WSA						
31	PARUNW31	1	2	29.1	3.2	119.0
31	PARUNW31	1	3	29.1	2.0	116.4
31	PARUNW31	1	4	29.1	1.8	113.2
31	PARUNW31	1	5	29.1	1.2	109.2
31	PARUNW31	1	6	29.1	1.1	105.2
31	PARUNW31	2	2	29.1	3.3	117.8
31	PARUNW31	2	3	29.1	2.0	114.3
31	PARUNW31	2	4	29.1	2.0	112.7
31	PARUNW31	2	5	29.1	1.2	109.6
31	PARUNW31	2	6	29.1	0.8	106.3
31	PARUNW31	3	1	29.1	3.4	114.6
31	PARUNW31	3	2	29.1	3.2	115.2
31	PARUNW31	3	3	29.1	2.0	112.8
31	PARUNW31	3	4	29.1	1.9	110.4
31	PARUNW31	3	5	29.1	1.0	107.8
31	PARUNW31	3	6	29.1	0.7	104.4
31	PARUNW31	3	7	29.1	1.2	101.3
31	PARUNW31	4	1	29.1	2.9	106.8
31	PARUNW31	4	2	29.1	3.1	111.0
31	PARUNW31	4	3	29.1	2.0	110.0
31	PARUNW31	4	4	29.1	2.0	107.4
31	PARUNW31	4	5	29.1	1.2	103.9
31	PARUNW31	4	6	29.1	0.6	101.5
31	PARUNW31	4	7	29.1	1.0	99.4
31	PARUNW31	5	1	29.1	2.6	100.9
31	PARUNW31	5	2	29.1	2.9	103.3
31	PARUNW31	5	3	29.1	2.0	104.6
31	PARUNW31	5	4	29.1	2.0	102.7
31	PARUNW31	5	5	29.1	1.3	100.2
31	PARUNW31	5	6	29.1	0.4	99.9
31	PARUNW31	6	2	29.1	2.9	96.8
31	PARUNW31	6	3	29.1	2.0	99.1
31	PARUNW31	6	4	29.1	2.0	100.5
31	PARUNW31	7	3	29.1	2.0	92.8
Pine Valley Mountain Wilderness						
10	PINEV10	1	1	29.1	2.1	63.1
10	PINEV10	1	2	29.1	1.9	66.3
10	PINEV10	2	1	29.1	2.0	60.9
10	PINEV10	2	2	29.1	1.9	64.8
10	PINEV10	2	3	29.1	1.6	68.3
10	PINEV10	3	1	29.1	2.3	61.4
10	PINEV10	3	2	29.1	1.9	64.5
10	PINEV10	3	3	29.1	1.7	66.5
10	PINEV10	4	1	29.1	2.0	59.8
10	PINEV10	4	2	29.1	1.8	65.0
10	PINEV10	4	3	29.1	1.6	69.4
10	PINEV10	4	4	29.1	1.5	74.8
10	PINEV10	5	1	29.1	1.6	62.7
10	PINEV10	5	2	29.1	1.4	67.0
10	PINEV10	5	3	29.1	1.3	74.5
10	PINEV10	5	4	29.1	1.3	80.3
7	PINEV7	2	2	29.1	4.4	60.6
7	PINEV7	3	1	29.1	4.5	53.8
7	PINEV7	3	2	29.1	4.1	56.5
7	PINEV7	4	1	29.1	4.4	51.3
7	PINEV7	4	2	29.1	3.6	51.4
7	PINEV7	5	2	29.1	3.8	50.3
8	PINEV8	1	3	29.1	3.3	75.4
8	PINEV8	2	1	29.1	4.4	60.6
8	PINEV8	2	2	29.1	4.1	64.2
8	PINEV8	2	3	29.1	3.2	68.3
8	PINEV8	3	1	29.1	4.1	56.5
8	PINEV8	3	2	29.1	3.4	58.1
8	PINEV8	3	3	29.1	3.6	62.2
8	PINEV8	4	1	29.1	3.6	51.4
8	PINEV8	4	2	29.1	2.6	52.8
8	PINEV8	4	3	29.1	2.9	58.5

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
8	PINEV8	5	1	29.1	3.8	50.3
8	PINEV8	5	2	29.1	2.7	50.9
8	PINEV8	5	3	29.1	2.6	56.3
8	PINEV8	6	2	29.1	2.9	49.3
8	PINEV8	6	3	29.1	2.5	52.4
8	PINEV8	7	2	29.1	2.7	50.1
8	PINEV8	7	3	29.1	2.4	52.8
8	PINEV8	8	3	29.1	2.9	54.4
9	PINEV9	1	1	29.1	3.3	75.4
9	PINEV9	2	1	29.1	3.2	68.3
9	PINEV9	3	1	29.1	3.6	62.2
9	PINEV9	4	1	29.1	2.9	58.5
9	PINEV9	4	3	29.1	2.1	64.1
9	PINEV9	5	1	29.1	2.6	56.3
9	PINEV9	5	2	29.1	2.3	59.0
9	PINEV9	5	3	29.1	2.0	60.6
9	PINEV9	6	1	29.1	2.5	52.4
9	PINEV9	6	2	29.1	2.4	57.6
9	PINEV9	6	3	29.1	2.2	60.9
9	PINEV9	7	1	29.1	2.4	52.7
9	PINEV9	7	2	29.1	2.2	56.9
9	PINEV9	7	3	29.1	2.1	60.0
Pipe Spring NM						
17	KAIBAB17	3	2	29.1	0.2	104.2
17	KAIBAB17	3	3	29.1	0.2	103.5
17	KAIBAB17	4	2	29.1	0.2	102.1
17	KAIBAB17	4	3	29.1	0.2	101.2
Quail Creek SP						
38	COTTON38	6	1	29.1	26.6	76.8
38	COTTON38	6	2	29.1	25.6	73.5
Red Mountain WSA						
39	REDMTN39	1	2	29.1	4.5	86.2
39	REDMTN39	1	3	29.1	1.3	87.5
39	REDMTN39	2	1	29.1	6.2	75.5
39	REDMTN39	2	2	29.1	3.3	76.3
39	REDMTN39	2	3	29.1	0.7	77.6
40	REDMTN40	1	1	29.1	5.3	113.9
40	REDMTN40	1	2	29.1	5.4	118.1
40	REDMTN40	1	3	29.1	5.8	126.0
40	REDMTN40	2	1	29.1	3.6	101.2
40	REDMTN40	2	2	29.1	2.8	105.9
40	REDMTN40	2	3	29.1	2.9	108.7
40	REDMTN40	3	1	29.1	1.3	87.5
40	REDMTN40	3	2	29.1	0.8	91.6
40	REDMTN40	3	3	29.1	0.3	97.5
40	REDMTN40	4	1	29.1	0.7	77.6
40	REDMTN40	4	2	29.1	0.6	81.0
40	REDMTN40	4	3	29.1	0.7	87.4
6	SNOWCAN6	1	2	29.1	5.4	74.7
6	SNOWCAN6	1	3	29.1	3.1	76.5
6	SNOWCAN6	1	4	29.1	0.7	78.0
6	SNOWCAN6	1	5	29.1	0.7	81.4
6	SNOWCAN6	1	6	29.1	0.7	87.8
6	SNOWCAN6	2	2	29.1	7.2	68.2
6	SNOWCAN6	2	3	29.1	2.9	67.5
6	SNOWCAN6	2	4	29.1	2.1	72.1
6	SNOWCAN6	2	5	29.1	1.7	76.2
6	SNOWCAN6	2	6	29.1	1.6	79.8

Table S. 2003-4
Time Above Ambient Noise Levels 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	2003 Time Above Existing Ambient		
				Existing Ambient Noise Level	SGU Noise Only (minutes above existing ambient)	Cumulative Noise (minutes above existing ambient)
Sand Hollow SP						
48	SANHLW48	1	2	29.1	12.7	68.5
48	SANHLW48	1	3	29.1	15.6	70.7
48	SANHLW48	1	4	29.1	23.2	77.6
48	SANHLW48	2	1	29.1	11.8	69.5
48	SANHLW48	2	2	29.1	9.2	64.8
48	SANHLW48	2	3	29.1	9.5	64.5
48	SANHLW48	2	4	29.1	17.5	72.6
48	SANHLW48	3	1	29.1	10.6	71.9
48	SANHLW48	3	2	29.1	7.2	62.6
48	SANHLW48	3	3	29.1	7.6	63.0
48	SANHLW48	3	4	29.1	14.4	69.7
48	SANHLW48	3	5	29.1	16.8	72.2
48	SANHLW48	4	1	29.1	9.0	75.6
48	SANHLW48	4	2	29.1	6.6	67.0
48	SANHLW48	4	3	29.1	6.4	61.6
48	SANHLW48	4	4	29.1	9.4	65.3
48	SANHLW48	4	5	29.1	12.7	69.2
48	SANHLW48	5	2	29.1	5.8	71.2
48	SANHLW48	5	3	29.1	5.5	65.8
Snow Canyon SP						
6	SNOWCAN6	2	2	29.1	7.2	68.2
6	SNOWCAN6	2	3	29.1	2.9	67.5
6	SNOWCAN6	2	4	29.1	2.1	72.1
6	SNOWCAN6	2	5	29.1	1.7	76.2
6	SNOWCAN6	3	1	29.1	20.1	77.0
6	SNOWCAN6	3	2	29.1	9.9	65.6
6	SNOWCAN6	3	3	29.1	4.5	61.4
6	SNOWCAN6	3	4	29.1	3.3	63.7
6	SNOWCAN6	3	5	29.1	3.0	70.5
Spring Creek Canyon WSA						
37	SORING37	1	1	29.1	17.3	99.8
37	SORING37	2	1	29.1	10.5	86.7
37	SORING37	2	2	29.1	13.5	90.0
37	SORING37	2	3	29.1	16.1	92.8
37	SORING37	3	1	29.1	1.8	69.4
37	SORING37	3	2	29.1	4.7	71.9
37	SORING37	3	3	29.1	7.7	73.9
37	SORING37	4	2	29.1	0.1	55.7
37	SORING37	4	3	29.1	0.5	54.4
Tunnel Spring WSA						
43	TUNEL43	1	1	29.1	0.0	8.0
43	TUNEL43	1	2	29.1	0.0	7.6
43	TUNEL43	2	1	29.1	0.0	9.2
43	TUNEL43	2	2	29.1	0.0	8.5
43	TUNEL43	2	3	29.1	0.0	8.0
43	TUNEL43	3	1	29.1	0.0	10.3
43	TUNEL43	3	2	29.1	0.0	9.8
43	TUNEL43	3	3	29.1	0.0	9.1
*Little Black Mountain Petroglyph Site (TA 20.0)						
18	NEWGRID5	1	1	20.0	6.2	68.2

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
1	PARSHAN1	2	5	54.3	5.2	2.4	0.1	0.1	0.0	0.0	73.2	408.6	302.3	112.0	21.2	4.3	0.9
1	PARSHAN1	2	6	65.1	5.6	3.1	1.0	0.1	0.1	0.0	74.1	393.8	281.9	118.8	21.8	4.4	1.0
1	PARSHAN1	2	9	51.3	10.0	9.1	4.4	1.6	0.0	0.0	73.3	394.9	289.2	120.3	23.1	4.3	0.8
1	PARSHAN1	3	1	41.5	0.8	0.1	0.0	0.0	0.0	0.0	73.0	434.3	328.3	124.2	23.1	4.8	0.7
1	PARSHAN1	3	2	42.5	1.7	0.2	0.0	0.0	0.0	0.0	71.9	435.8	317.3	125.6	22.8	4.7	0.8
1	PARSHAN1	3	3	42.8	3.6	0.2	0.0	0.0	0.0	0.0	72.3	426.1	288.7	105.1	21.1	5.0	0.9
1	PARSHAN1	3	4	42.7	4.3	1.3	0.1	0.0	0.0	0.0	73.5	424.3	282.4	98.3	21.3	5.0	0.9
1	PARSHAN1	3	5	44.3	4.3	1.7	0.1	0.0	0.0	0.0	73.5	407.6	283.6	105.3	20.0	4.0	0.8
1	PARSHAN1	3	6	56.9	5.4	3.1	0.1	0.1	0.0	0.0	73.1	404.4	284.5	115.3	21.2	4.3	0.8
1	PARSHAN1	3	7	63.5	5.9	4.3	1.1	0.1	0.1	0.0	74.6	381.5	277.2	115.4	20.2	4.8	1.0
1	PARSHAN1	3	8	48.8	9.0	5.8	2.2	0.0	0.0	0.0	75.0	379.3	271.3	113.9	19.3	4.9	0.9
1	PARSHAN1	4	1	39.8	0.8	0.1	0.1	0.0	0.0	0.0	73.3	429.9	322.7	125.4	23.8	5.2	0.7
1	PARSHAN1	4	2	41.5	0.9	0.2	0.0	0.0	0.0	0.0	72.8	422.5	313.2	129.5	23.1	4.7	0.8
1	PARSHAN1	4	3	43.0	3.4	0.2	0.0	0.0	0.0	0.0	72.1	410.0	301.7	104.4	21.9	4.7	0.8
1	PARSHAN1	4	4	44.1	3.6	0.6	0.0	0.0	0.0	0.0	73.4	419.0	279.6	97.0	21.0	4.8	0.8
1	PARSHAN1	4	5	45.2	4.3	0.9	0.1	0.0	0.0	0.0	73.3	418.0	274.4	101.3	20.7	3.2	0.8
1	PARSHAN1	4	6	48.9	5.1	1.9	0.1	0.1	0.0	0.0	72.0	389.1	278.6	106.4	20.5	3.0	0.7
1	PARSHAN1	4	7	60.3	5.5	4.3	0.2	0.1	0.1	0.0	73.4	384.3	272.1	113.2	20.9	3.7	1.0
1	PARSHAN1	4	8	58.1	7.1	5.4	1.2	0.1	0.0	0.0	74.5	375.6	273.6	113.0	18.8	4.3	0.9
1	PARSHAN1	4	9	46.8	9.4	5.9	2.3	0.1	0.0	0.0	74.9	377.8	265.0	110.6	18.4	4.5	0.9
1	PARSHAN1	5	1	42.2	0.6	0.1	0.0	0.0	0.0	0.0	73.0	427.8	320.8	121.2	24.0	4.8	0.7
1	PARSHAN1	5	2	42.8	0.9	0.2	0.1	0.0	0.0	0.0	73.3	414.8	305.6	131.5	18.6	4.7	0.8
1	PARSHAN1	5	3	43.0	2.6	0.2	0.1	0.0	0.0	0.0	72.6	416.1	299.5	127.0	21.4	4.8	0.8
1	PARSHAN1	5	4	42.8	3.5	0.6	0.0	0.0	0.0	0.0	73.1	409.0	288.4	94.0	21.7	4.7	0.8
1	PARSHAN1	5	5	43.7	3.6	0.7	0.0	0.0	0.0	0.0	73.4	412.0	273.8	92.5	20.8	4.7	0.8
1	PARSHAN1	5	6	43.8	4.4	0.9	0.1	0.0	0.0	0.0	72.0	397.1	269.4	100.3	19.5	2.9	0.8
1	PARSHAN1	5	7	52.7	5.3	3.5	0.2	0.1	0.0	0.0	72.5	386.0	271.6	108.8	20.5	2.7	0.7
1	PARSHAN1	5	8	62.4	5.8	4.3	0.2	0.1	0.1	0.0	73.5	367.9	267.5	108.8	19.9	3.2	0.9
1	PARSHAN1	5	9	54.0	7.2	5.4	0.8	0.2	0.0	0.0	75.0	362.1	249.7	108.8	18.3	4.2	0.9
1	PARSHAN1	6	1	41.0	0.6	0.1	0.0	0.0	0.0	0.0	72.2	423.9	323.6	120.4	22.6	4.5	0.7
1	PARSHAN1	6	2	42.7	0.9	0.2	0.0	0.0	0.0	0.0	73.3	418.8	299.2	127.9	22.6	4.8	0.7
1	PARSHAN1	6	3	43.9	2.5	0.2	0.0	0.0	0.0	0.0	73.3	409.3	302.7	127.4	20.5	4.7	0.7
1	PARSHAN1	6	4	44.9	2.7	0.6	0.0	0.0	0.0	0.0	73.2	398.7	292.4	99.1	20.9	4.8	0.7
1	PARSHAN1	6	5	46.1	2.7	0.6	0.1	0.0	0.0	0.0	73.6	391.4	272.5	90.2	21.0	4.6	0.8
1	PARSHAN1	6	6	46.6	3.7	0.9	0.1	0.0	0.0	0.0	72.3	402.7	268.1	85.2	21.0	2.9	0.8
1	PARSHAN1	6	7	47.7	4.6	1.9	0.2	0.0	0.0	0.0	71.2	370.3	258.1	101.5	20.5	2.9	0.7
1	PARSHAN1	6	8	56.8	5.7	3.6	0.2	0.1	0.0	0.0	72.9	371.7	260.7	107.5	20.4	2.6	1.0
1	PARSHAN1	6	9	62.9	6.0	4.6	0.3	0.1	0.1	0.0	74.1	356.9	265.9	104.4	19.1	3.1	0.9
1	PARSHAN1	7	1	42.3	0.7	0.1	0.0	0.0	0.0	0.0	71.1	423.4	317.8	116.7	21.3	4.7	0.8
1	PARSHAN1	7	2	42.5	0.9	0.2	0.0	0.0	0.0	0.0	72.7	420.4	302.2	123.4	22.1	4.5	0.8
1	PARSHAN1	7	3	43.3	1.0	0.2	0.0	0.0	0.0	0.0	73.5	412.5	293.5	127.2	22.5	4.3	0.7
1	PARSHAN1	7	4	44.5	2.7	0.2	0.0	0.0	0.0	0.0	73.2	404.8	289.7	126.8	19.9	4.8	0.7
1	PARSHAN1	7	5	45.8	2.8	0.6	0.0	0.0	0.0	0.0	73.7	384.3	274.0	94.7	21.5	4.6	0.8
1	PARSHAN1	7	6	46.6	2.9	0.8	0.0	0.0	0.0	0.0	72.7	393.7	260.6	89.7	21.2	2.9	0.8
1	PARSHAN1	7	7	46.5	4.0	0.9	0.2	0.0	0.0	0.0	71.6	381.5	255.6	90.2	19.8	2.9	0.8
1	PARSHAN1	7	8	47.8	4.8	2.6	0.2	0.0	0.0	0.0	71.7	371.5	252.4	100.4	20.2	2.6	0.7
1	PARSHAN1	7	9	61.2	5.9	3.8	0.2	0.1	0.1	0.0	73.4	356.0	250.9	103.2	19.4	2.4	0.9
1	PARSHAN1	8	1	42.2	0.7	0.2	0.0	0.0	0.0	0.0	69.8	430.0	314.1	118.1	20.1	4.7	0.7
1	PARSHAN1	8	2	43.7	0.7	0.2	0.0	0.0	0.0	0.0	71.7	416.7	312.6	119.5	19.9	4.4	0.7
1	PARSHAN1	8	3	44.6	1.0	0.2	0.0	0.0	0.0	0.0	73.1	407.3	287.6	120.6	22.5	4.2	0.7
1	PARSHAN1	8	4	45.7	2.0	0.2	0.0	0.0	0.0	0.0	73.6	397.5	293.7	125.8	20.2	4.7	0.7
1	PARSHAN1	8	5	46.5	2.8	0.3	0.0	0.0	0.0	0.0	73.8	381.9	285.6	104.7	20.0	4.7	0.7
1	PARSHAN1	8	6	47.4	3.0	0.6	0.1	0.0	0.0	0.0	73.1	382.0	258.9	92.9	20.9	4.5	0.8
1	PARSHAN1	8	7	47.7	3.2	0.9	0.1	0.0	0.0	0.0	72.7	389.7	249.6	86.7	20.0	2.7	0.8
1	PARSHAN1	8	9	55.3	4.3	2.8	0.2	0.1	0.0	0.0	72.5	353.5	239.4	99.3	19.9	2.6	0.9
1	PARSHAN1	9	1	43.1	0.3	0.2	0.0	0.0	0.0	0.0	70.0	413.1	307.9	134.1	20.0	4.7	2.5
1	PARSHAN1	9	2	44.4	0.7	0.2	0.0	0.0	0.0	0.0	70.5	416.5	309.8	116.5	19.4	4.4	0.7
1	PARSHAN1	9	3	45.4	0.8	0.3	0.0	0.0	0.0	0.0	72.3	405.9	289.2	121.1	21.0	4.2	0.7
1	PARSHAN1	9	4	46.5	1.0	0.3	0.0	0.0	0.0	0.0	73.5	395.8	284.4	120.6	23.0	4.1	0.7
1	PARSHAN1	9	5	47.3	2.7	0.3	0.0	0.0	0.0	0.0	73.8	394.1	283.4	120.8	17.0	4.6	0.7
1	PARSHAN1	9	6	48.1	3.0	0.7	0.0	0.0	0.0	0.0	73.2	379.9	264.3	91.0	19.7	4.6	0.7
1	PARSHAN1	9	7	49.4	3.3	0.7	0.1	0.0	0.0	0.0	72.7	379.0	249.9	89.6	20.6	2.7	0.8
1	PARSHAN1	9	8	50.3	3.5	0.9	0.1	0.0	0.0	0.0	72.8	372.0	241.9	86.9	19.7	2.7	0.8
1	PARSHAN1	10	3	45.2	0.9	0.3	0.2	0.0	0.0	0.0	71.1	403.5	301.8	123.4	19.3	4.5	0.7
1	PARSHAN1	10	4	46.0	1.1	0.3	0.1	0.0	0.0	0.0	72.8	399.3	275.7	123.1	20.9	3.8	0.6
1	PARSHAN1	10	5	46.8	2.1	0.3	0.1	0.0	0.0	0.0	73.7	392.2	284.1	119.3	20.9	4.3	0.6
1	PARSHAN1	10	6	47.3	2.9	0.3	0.0	0.0	0.0	0.0	73.5	379.5	278.9	101.7	20.3	4.4	0.7
1	PARSHAN1	10	7	47.3	3.3	0.7	0.0	0.0	0.0	0.0	72.2	384.6	257.3	89.6	19.8	4.5	0.7
1	PARSHAN1	10	8	48.8	3.4	0.7	0.1	0.0	0.0	0.0	72.2	377.9	241.5	88.3	19.6	2.8	0.8
1	PARSHAN1	10	9	50.0	4.1	1.1	0.2	0.0	0.0	0.0	72.6	354.7	232.0	84.8	18.9	2.7	0.7
1	PARSHAN1	11	3	44.9	0.8	0.2	0.2	0.0	0.0	0.0	71.7	393.1	307.6	121.2	18.6	4.5	0.7
1	PARSHAN1	11	4	46.3	0.8	0.2	0.2	0.0	0.0	0.0	72.3	384.2	277.7	121.5	19.3	3.8	0.7
1	PARSHAN1	11	5	46.4	1.1	0.3	0.2	0.0	0.0	0.0	73.6	383.2	270.4	117.3	21.4	4.0	0.6
1	PARSHAN1	11	6	47.6	2.1	0.3	0.2	0.0	0.0	0.0	74.0	386.2	275.3	118.4	20.2	4.2	0.6
1	PARSHAN1	11	7	47.7	3.0	0.3	0.1	0.0	0.0	0.0	73.2	379.2	254.6	95.2	18.3	4.3	0.4
1	PARSHAN1	11	8	48.6	3.4	0.8	0.2	0.0	0.0	0.0	71.8	381.2	238.0	88.2	20.1	2.7	0.7
1	PARSHAN1	11	9	49.7	3.7	0.9	0.1	0.0	0.0	0.0	71.9	360.7	230.9	87.8	19.0	2.7	0.8
1	PARSHAN1	12	1	47.5	0.4	0.2	0.2	0.2	0.0	0.0	73.0	413.2	311.0	139.5	20.2	4.7	2.5
1	PARSHAN1	12	2	47.5	0.												

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
1	PARSHAN1	13	4	45.8	0.4	0.2	0.2	0.1	0.0	0.0	71.3	376.0	294.1	115.9	17.7	4.5	0.7
1	PARSHAN1	13	5	46.3	0.8	0.3	0.2	0.1	0.0	0.0	73.2	386.2	276.8	116.2	17.9	3.8	0.6
1	PARSHAN1	13	6	47.1	0.9	0.4	0.2	0.1	0.0	0.0	74.0	377.9	270.4	110.8	18.7	4.0	0.6
1	PARSHAN1	13	7	47.6	1.1	0.4	0.2	0.1	0.0	0.0	73.9	379.1	267.7	109.7	20.1	4.2	0.6
1	PARSHAN1	13	8	48.8	2.3	0.4	0.2	0.1	0.0	0.0	74.0	364.5	244.8	93.5	15.5	4.1	0.6
1	PARSHAN1	13	9	54.4	2.8	0.6	0.2	0.1	0.0	0.0	72.9	368.5	233.4	82.9	18.1	2.4	0.2
1	PARSHAN1	14	1	35.8	0.3	0.2	0.1	0.0	0.0	0.0	74.3	396.2	310.2	151.1	22.1	5.3	2.5
1	PARSHAN1	14	2	37.1	0.4	0.2	0.1	0.0	0.0	0.0	73.8	406.5	291.5	127.7	16.4	4.3	2.5
1	PARSHAN1	14	3	38.2	0.4	0.2	0.1	0.0	0.0	0.0	72.6	388.4	290.9	123.9	19.3	4.9	2.4
1	PARSHAN1	14	4	39.6	0.4	0.3	0.1	0.0	0.0	0.0	71.5	376.4	294.6	126.3	16.5	4.6	0.6
1	PARSHAN1	14	5	41.0	0.4	0.3	0.1	0.0	0.0	0.0	73.0	380.5	291.4	120.1	17.7	4.4	0.8
1	PARSHAN1	14	6	41.9	0.5	0.3	0.1	0.0	0.0	0.0	74.2	377.0	268.6	114.7	18.1	3.8	0.6
1	PARSHAN1	14	7	42.7	0.9	0.3	0.2	0.0	0.0	0.0	73.6	372.0	261.5	107.8	19.2	4.2	0.6
1	PARSHAN1	14	8	46.8	1.6	0.4	0.2	0.1	0.0	0.0	74.1	356.1	268.9	87.1	19.9	3.9	0.6
1	PARSHAN1	14	9	50.9	3.0	0.5	0.2	0.1	0.0	0.0	73.8	363.4	238.0	89.1	18.2	2.1	0.6
1	PARSHAN1	15	1	29.3	0.3	0.2	0.0	0.0	0.0	0.0	74.1	397.7	302.2	155.8	22.5	5.3	2.5
1	PARSHAN1	15	2	30.2	0.3	0.3	0.0	0.0	0.0	0.0	74.5	398.2	298.3	130.9	21.6	5.2	2.5
1	PARSHAN1	15	3	31.1	0.3	0.3	0.0	0.0	0.0	0.0	73.7	397.7	289.9	127.7	19.6	4.3	2.5
1	PARSHAN1	15	4	32.1	0.4	0.3	0.0	0.0	0.0	0.0	72.3	381.2	284.9	125.8	18.1	4.6	0.6
1	PARSHAN1	15	5	33.2	0.5	0.3	0.0	0.0	0.0	0.0	72.6	375.9	292.0	115.4	16.3	4.5	0.7
1	PARSHAN1	15	6	34.3	0.5	0.3	0.0	0.0	0.0	0.0	74.0	375.5	269.0	115.8	16.8	4.1	0.6
1	PARSHAN1	15	7	36.3	1.2	0.4	0.1	0.0	0.0	0.0	74.0	370.3	261.1	109.0	17.3	3.8	0.6
1	PARSHAN1	15	8	40.8	1.8	0.4	0.1	0.0	0.0	0.0	73.7	352.8	263.4	105.1	19.0	4.1	0.6
1	PARSHAN1	16	3	29.1	0.3	0.2	0.0	0.0	0.0	0.0	74.3	393.8	291.4	127.7	18.9	4.2	2.5
1	PARSHAN1	16	4	30.5	0.3	0.2	0.0	0.0	0.0	0.0	73.1	381.9	291.2	131.6	17.6	4.2	2.4
1	PARSHAN1	16	5	31.8	0.4	0.2	0.0	0.0	0.0	0.0	72.0	375.6	289.8	123.6	16.7	4.5	0.6
1	PARSHAN1	16	6	32.7	1.2	0.4	0.0	0.0	0.0	0.0	73.8	372.6	291.2	114.4	16.6	4.2	0.8
1	PARSHAN1	16	7	33.9	2.4	0.4	0.0	0.0	0.0	0.0	74.1	370.1	266.5	110.4	16.6	3.8	0.6
1	PARSHAN1	17	4	32.6	0.3	0.2	0.0	0.0	0.0	0.0	74.0	376.4	286.6	125.6	14.6	4.1	2.4
1	PARSHAN1	17	5	34.2	1.1	0.2	0.0	0.0	0.0	0.0	72.6	373.7	291.0	125.0	18.0	4.4	0.6
Grand Wash Cliffs Wilderness																	
21	PARASH21	8	1	40.1	0.3	0.2	0.0	0.0	0.0	0.0	72.5	424.5	330.4	158.0	26.2	6.5	2.5
21	PARASH21	8	2	41.6	0.3	0.2	0.0	0.0	0.0	0.0	71.2	424.1	319.9	142.4	22.4	4.8	2.4
21	PARASH21	8	3	41.7	0.3	0.2	0.0	0.0	0.0	0.0	70.4	437.1	310.1	137.6	22.3	4.9	2.5
21	PARASH21	9	1	41.0	0.2	0.2	0.1	0.0	0.0	0.0	73.3	430.2	330.6	159.8	26.0	6.4	2.5
21	PARASH21	9	2	41.1	0.3	0.2	0.1	0.0	0.0	0.0	72.4	411.7	329.8	149.2	25.7	5.8	2.5
21	PARASH21	9	3	42.4	0.3	0.2	0.0	0.0	0.0	0.0	71.1	420.8	313.2	140.1	21.2	4.8	2.4
21	PARASH21	9	4	43.1	0.3	0.2	0.0	0.0	0.0	0.0	70.0	413.1	308.0	134.1	20.0	4.7	2.5
21	PARASH21	10	1	42.9	0.2	0.2	0.2	0.0	0.0	0.0	73.9	422.3	328.2	161.6	27.1	6.0	2.5
21	PARASH21	10	2	43.6	0.2	0.2	0.2	0.0	0.0	0.0	73.6	414.5	327.6	164.0	22.6	5.8	2.5
21	PARASH21	10	3	44.5	0.3	0.2	0.2	0.0	0.0	0.0	72.5	411.6	305.9	140.2	22.8	5.8	2.5
21	PARASH21	10	4	44.8	0.3	0.2	0.2	0.0	0.0	0.0	71.4	415.5	304.3	135.9	20.4	4.8	2.5
21	PARASH21	11	1	48.1	0.2	0.2	0.2	0.2	0.0	0.0	73.5	412.7	314.7	162.4	25.1	6.0	2.5
21	PARASH21	11	2	47.5	0.2	0.2	0.2	0.2	0.0	0.0	74.1	404.6	325.4	165.7	26.8	6.0	2.5
21	PARASH21	11	3	46.8	0.3	0.2	0.2	0.2	0.0	0.0	73.6	414.9	313.2	143.6	23.0	5.8	2.5
21	PARASH21	11	4	45.6	0.4	0.2	0.2	0.1	0.0	0.0	71.9	414.5	300.8	136.9	21.5	4.7	2.5
1	PARSHAN1	9	1	43.1	0.3	0.2	0.0	0.0	0.0	0.0	70.0	413.1	307.9	134.1	20.0	4.7	2.5
1	PARSHAN1	9	2	44.4	0.7	0.2	0.0	0.0	0.0	0.0	70.5	416.5	309.8	116.5	19.4	4.4	0.7
1	PARSHAN1	10	1	44.8	0.3	0.2	0.2	0.0	0.0	0.0	71.4	415.6	304.6	135.1	20.5	4.8	2.5
1	PARSHAN1	10	2	44.2	0.8	0.2	0.2	0.0	0.0	0.0	70.0	416.1	306.1	113.4	19.1	4.7	0.7
1	PARSHAN1	11	1	45.7	0.4	0.2	0.2	0.1	0.0	0.0	71.9	414.5	300.9	136.9	21.5	4.7	2.5
1	PARSHAN1	11	2	44.6	0.5	0.2	0.2	0.0	0.0	0.0	71.4	409.6	302.9	126.6	18.7	4.8	2.5
Gunlock SP																	
40	REDMTN40	1	2	56.2	12.7	8.8	2.5	2.1	0.1	0.0	70.8	310.6	260.3	121.7	19.1	2.9	1.1
40	REDMTN40	1	3	50.1	12.6	8.9	2.5	2.1	0.0	0.0	71.8	304.2	239.2	117.8	15.2	2.7	1.1
40	REDMTN40	2	2	45.3	34.9	9.0	2.1	0.1	0.0	0.0	69.0	328.3	257.5	105.4	17.1	2.0	1.0
40	REDMTN40	2	3	41.6	13.2	9.0	1.2	0.0	0.0	0.0	70.1	302.7	244.7	101.0	16.8	2.8	1.0
Kaibab Indian Reservation																	
17	KAIBAB17	1	1	43.6	0.2	0.2	0.1	0.0	0.0	0.0	72.1	252.8	204.9	86.2	17.7	1.8	0.5
17	KAIBAB17	1	2	40.1	0.4	0.2	0.1	0.0	0.0	0.0	70.6	251.4	208.9	86.5	16.9	1.7	0.2
17	KAIBAB17	1	3	43.8	1.3	0.2	0.1	0.0	0.0	0.0	69.6	250.7	209.7	86.6	16.9	1.5	0.2
17	KAIBAB17	1	4	49.9	2.1	1.3	0.1	0.1	0.0	0.0	71.2	253.3	206.5	87.2	16.8	1.5	0.2
17	KAIBAB17	1	5	46.5	2.1	2.0	0.8	0.1	0.0	0.0	73.1	258.2	204.7	87.0	14.7	1.8	0.3
17	KAIBAB17	1	6	65.4	2.8	1.9	1.9	1.4	1.0	0.1	74.3	256.3	205.8	90.4	17.7	2.8	0.6
17	KAIBAB17	1	7	61.7	3.4	3.2	1.8	0.9	0.8	0.0	74.3	257.8	208.9	97.4	18.7	2.7	0.5
17	KAIBAB17	1	8	45.1	5.1	3.3	1.0	0.1	0.0	0.0	73.4	266.2	209.6	96.9	15.0	1.8	0.5
17	KAIBAB17	2	1	41.3	0.2	0.2	0.1	0.0	0.0	0.0	73.3	248.7	200.0	84.3	11.7	1.6	0.6
17	KAIBAB17	2	2	37.4	0.7	0.2	0.1	0.0	0.0	0.0	71.8	253.0	204.9	91.1	13.6	1.7	0.5
17	KAIBAB17	2	3	44.9	1.7	0.3	0.2	0.0	0.0	0.0	71.0	247.8	207.2	88.4	14.3	1.8	0.2
17	KAIBAB17	2	4	50.0	2.1	1.6	0.1	0.1	0.0	0.0	71.4	247.4	207.2	85.5	14.6	1.7	0.2
17	KAIBAB17	2	5	45.6	2.1	2.0	1.2	0.1	0.0	0.0	71.9	252.7	203.6	90.4	16.8	1.8	0.2
17	KAIBAB17	2	6	72.2	3.3	1.9	1.9	1.8	1.0	1.0	73.7	254.8	187.3	94.6	18.9	2.9	1.3
17	KAIBAB17	2	7	57.3	3.4	3.2	1.4	0.8	0.1	0.0	74.6	248.3	188.0	95.0	17.8	2.1	0.5
17	KAIBAB17	2	8	42.5	4.4	2.8	2.1	0.0	0.0	0.0	74.3	255.8	191.9	101.8	14.2	1.9	0.5
17	KAIBAB17	3	1	37.5	0.2	0.2	0.0	0.0	0.0	0.0	73.9	245.1	194.8	84.4	12.2	1.9	0.6
17	KAIBAB17	3	2	38.6	0.7	0.2	0.1	0.0	0.0	0.0	73.0	246.0	198.5	87.1	12.0	1.9	0.5
17	KAIBAB17	3	3	45.6	2.0	0.4	0.1	0.1	0.0	0.0	71.4	247.3	198.7	93.4	14.7	1.9	0.5
17	KAIBAB17	3	4	49.9	2.0	2.0	0.1	0.1	0.0	0.0	71.6	242.7	198.3	89.7	16.6	1.9	0.3
17	KAIBAB17	3	5	44.1	2.2	2.0	1.9	0.0	0.0	0.0	71.1	245.4	190.6	95.5	14.8	1.7	0.2
17	KAIBAB17	3															

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
17	KAIBAB17	4	8	47.5	4.4	2.8	1.8	0.1	0.0	0.0	74.0	240.4	177.9	85.8	14.2	1.7	0.4
17	KAIBAB17	5	1	33.4	0.2	0.2	0.0	0.0	0.0	0.0	73.2	245.7	175.9	78.9	12.2	2.0	0.5
17	KAIBAB17	5	2	41.2	1.1	0.2	0.1	0.0	0.0	0.0	73.9	247.0	174.9	80.8	13.9	1.8	0.5
17	KAIBAB17	5	3	47.2	2.0	1.1	0.1	0.1	0.0	0.0	73.6	246.8	173.3	83.9	10.4	1.8	0.5
17	KAIBAB17	5	4	48.2	2.0	2.0	0.1	0.1	0.0	0.0	72.3	244.7	178.5	88.1	14.0	1.8	0.5
17	KAIBAB17	5	5	47.1	3.3	1.9	1.9	0.1	0.0	0.0	72.3	243.3	178.6	84.4	13.5	1.8	0.2
17	KAIBAB17	5	6	64.4	3.2	3.2	1.8	1.8	1.1	0.0	72.3	241.9	180.5	81.8	14.0	2.6	0.2
17	KAIBAB17	5	7	52.3	3.3	3.2	1.5	0.8	0.0	0.0	72.2	238.6	176.6	80.0	12.9	1.5	0.2
17	KAIBAB17	5	8	51.0	3.5	2.6	1.4	0.7	0.0	0.0	73.4	236.7	171.7	81.6	12.9	1.8	0.2
17	KAIBAB17	6	1	34.4	0.2	0.2	0.0	0.0	0.0	0.0	72.4	236.7	168.2	82.3	9.9	1.6	0.5
17	KAIBAB17	6	2	42.1	1.1	0.2	0.1	0.0	0.0	0.0	73.5	236.2	167.9	82.9	10.7	1.7	0.6
17	KAIBAB17	6	3	48.0	2.0	1.1	0.1	0.1	0.0	0.0	74.0	238.7	175.9	84.2	11.5	1.7	0.5
17	KAIBAB17	6	4	47.4	2.1	1.9	0.2	0.1	0.0	0.0	73.4	235.4	178.1	89.9	12.2	1.6	0.4
17	KAIBAB17	6	5	49.3	3.3	1.9	1.9	0.6	0.0	0.0	71.9	235.3	183.7	88.1	12.9	1.6	0.5
17	KAIBAB17	6	6	61.2	3.2	3.2	1.8	1.8	1.1	0.0	71.0	234.7	186.6	87.1	13.6	2.6	0.2
17	KAIBAB17	6	7	52.0	3.3	3.1	2.7	0.8	0.0	0.0	71.4	238.6	182.7	77.2	12.6	1.5	0.2
17	KAIBAB17	6	8	58.6	3.5	2.7	1.8	1.3	0.7	0.0	71.9	233.2	178.6	74.2	13.5	2.3	0.3
28	KAIBAB28	1	1	34.7	0.2	0.2	0.0	0.0	0.0	0.0	72.4	236.4	168.6	82.3	9.9	1.6	0.5
28	KAIBAB28	1	2	42.4	1.2	0.2	0.1	0.0	0.0	0.0	73.5	236.8	168.0	82.9	10.8	1.7	0.6
28	KAIBAB28	1	3	48.2	2.0	1.2	0.1	0.1	0.0	0.0	74.0	238.8	179.1	84.2	11.4	1.7	0.6
28	KAIBAB28	1	4	47.1	2.1	1.9	0.2	0.1	0.0	0.0	73.4	235.6	178.2	89.9	12.1	1.6	0.4
28	KAIBAB28	1	5	50.3	3.3	1.9	1.9	0.6	0.0	0.0	71.9	235.1	184.4	88.2	12.9	1.6	0.5
28	KAIBAB28	1	6	58.9	3.2	3.2	1.8	1.8	0.7	0.0	71.1	234.7	186.4	87.1	13.5	2.2	0.2
28	KAIBAB28	1	7	51.5	3.3	3.1	2.7	0.8	0.0	0.0	71.5	238.6	182.7	76.0	12.6	1.5	0.2
28	KAIBAB28	1	8	61.0	3.5	2.7	1.4	1.3	0.7	0.0	71.9	236.3	178.9	73.7	13.6	2.2	0.3
28	KAIBAB28	2	1	35.9	0.2	0.2	0.1	0.0	0.0	0.0	72.7	223.8	167.3	78.2	9.3	1.5	0.5
28	KAIBAB28	2	2	43.3	1.2	0.2	0.1	0.0	0.0	0.0	72.6	227.1	172.1	79.4	9.4	1.4	0.5
28	KAIBAB28	2	3	48.6	2.0	0.8	0.1	0.1	0.0	0.0	73.8	228.0	176.5	77.1	10.8	1.6	0.5
28	KAIBAB28	2	4	46.2	2.1	2.0	0.2	0.1	0.0	0.0	74.0	228.1	178.8	79.9	9.6	1.7	0.5
28	KAIBAB28	2	5	52.6	3.3	2.1	1.9	1.0	0.0	0.0	73.1	231.3	178.6	80.5	13.5	1.6	0.4
28	KAIBAB28	2	6	57.1	3.2	3.2	1.8	1.8	0.2	0.0	71.4	232.9	184.8	73.0	13.4	1.8	0.2
28	KAIBAB28	2	7	54.3	3.3	3.1	2.7	0.8	0.0	0.0	71.0	229.1	184.1	64.3	12.3	1.5	0.2
28	KAIBAB28	2	8	64.5	3.5	2.7	1.8	1.3	1.3	0.0	70.9	232.3	183.7	63.9	12.9	2.8	0.2
28	KAIBAB28	3	1	37.1	0.2	0.2	0.1	0.0	0.0	0.0	73.0	222.4	161.6	71.0	8.1	1.3	0.5
28	KAIBAB28	3	2	44.1	1.2	0.2	0.1	0.0	0.0	0.0	71.2	229.0	168.3	75.0	8.9	1.4	0.5
28	KAIBAB28	3	3	48.6	2.0	0.8	0.1	0.1	0.0	0.0	72.9	230.4	171.7	69.4	9.2	1.3	0.5
28	KAIBAB28	3	4	45.1	3.2	1.9	0.7	0.1	0.0	0.0	73.9	232.2	175.6	66.4	9.7	1.5	0.5
28	KAIBAB28	3	5	55.4	3.2	3.2	1.5	1.0	0.1	0.0	73.8	233.0	179.3	71.4	13.3	1.6	0.4
28	KAIBAB28	3	6	55.1	3.2	3.2	1.9	1.8	0.1	0.0	72.7	232.1	182.3	64.8	13.7	1.6	0.5
28	KAIBAB28	3	7	58.3	3.3	3.1	2.7	2.1	0.1	0.0	71.0	233.1	187.2	64.3	13.5	1.7	0.2
28	KAIBAB28	3	8	61.7	3.5	2.7	2.1	1.3	0.7	0.0	69.5	233.7	182.1	59.0	12.7	2.1	0.1
Kaibab National Forest																	
25	KAIFST25	1	3	28.2	0.1	0.1	0.0	0.0	0.0	0.0	71.6	210.8	147.1	76.1	16.5	1.7	0.4
25	KAIFST25	1	4	24.5	0.1	0.0	0.0	0.0	0.0	0.0	71.5	207.4	149.8	75.5	12.3	2.1	0.4
25	KAIFST25	2	3	26.0	0.1	0.0	0.0	0.0	0.0	0.0	70.3	214.6	155.9	63.2	13.8	1.6	0.3
24	SOUTH24	9	1	56.1	0.1	0.1	0.1	0.1	0.0	0.0	70.7	206.8	152.4	76.3	16.6	2.9	0.8
24	SOUTH24	9	2	47.2	0.1	0.1	0.1	0.1	0.0	0.0	70.3	206.5	154.6	74.2	16.2	2.9	0.4
24	SOUTH24	10	1	49.3	0.1	0.1	0.1	0.1	0.0	0.0	70.9	207.7	150.3	79.4	15.2	2.6	0.8
24	SOUTH24	10	2	40.3	0.1	0.1	0.1	0.0	0.0	0.0	71.0	211.1	149.7	76.1	16.8	2.7	0.4
24	SOUTH24	11	1	41.7	0.1	0.1	0.1	0.0	0.0	0.0	71.8	208.5	144.9	83.7	14.9	1.6	0.7
24	SOUTH24	11	2	34.2	0.1	0.1	0.0	0.0	0.0	0.0	71.7	208.8	141.7	78.6	16.3	1.7	0.7
Kanab Creek Wilderness																	
25	KAIFST25	1	4	24.5	0.1	0.0	0.0	0.0	0.0	0.0	71.5	207.4	149.8	75.5	12.3	2.1	0.4
25	KAIFST25	1	5	21.4	0.0	0.0	0.0	0.0	0.0	0.0	71.4	206.8	149.6	63.5	9.7	1.8	0.3
25	KAIFST25	1	6	19.7	0.0	0.0	0.0	0.0	0.0	0.0	71.7	213.0	151.7	60.1	9.1	1.8	0.1
25	KAIFST25	2	3	26.0	0.1	0.0	0.0	0.0	0.0	0.0	70.3	214.6	155.9	63.2	13.8	1.6	0.3
25	KAIFST25	2	4	23.0	0.0	0.0	0.0	0.0	0.0	0.0	69.6	213.0	157.2	62.5	12.0	1.5	0.3
25	KAIFST25	2	5	20.4	0.0	0.0	0.0	0.0	0.0	0.0	69.1	212.7	156.3	61.4	11.3	1.6	0.3
25	KAIFST25	2	6	18.3	0.0	0.0	0.0	0.0	0.0	0.0	70.4	215.1	160.1	61.4	9.2	1.6	0.3
25	KAIFST25	3	3	23.4	0.1	0.0	0.0	0.0	0.0	0.0	70.4	213.2	160.4	64.8	12.3	1.4	0.3
25	KAIFST25	3	4	20.7	0.0	0.0	0.0	0.0	0.0	0.0	70.1	212.5	156.3	60.4	11.2	1.6	0.3
25	KAIFST25	3	5	18.2	0.0	0.0	0.0	0.0	0.0	0.0	70.2	209.8	156.1	59.7	10.9	1.9	0.3
25	KAIFST25	3	6	16.4	0.0	0.0	0.0	0.0	0.0	0.0	71.2	209.3	157.2	61.3	10.1	1.8	0.3
26	KANCRK26	2	1	21.4	0.0	0.0	0.0	0.0	0.0	0.0	73.2	212.5	148.6	71.0	12.4	1.7	0.2
26	KANCRK26	2	2	19.1	0.0	0.0	0.0	0.0	0.0	0.0	73.9	222.2	153.6	70.2	12.6	1.7	0.2
26	KANCRK26	3	1	19.7	0.0	0.0	0.0	0.0	0.0	0.0	71.8	211.2	149.6	60.6	9.1	1.8	0.1
26	KANCRK26	3	2	17.1	0.0	0.0	0.0	0.0	0.0	0.0	73.5	209.7	148.9	57.3	9.3	1.5	0.1
26	KANCRK26	4	1	18.5	0.0	0.0	0.0	0.0	0.0	0.0	70.3	215.2	160.4	61.5	9.2	1.6	0.3
26	KANCRK26	4	2	15.4	0.0	0.0	0.0	0.0	0.0	0.0	72.5	213.6	154.4	58.6	9.2	1.6	0.2
26	KANCRK26	5	1	16.6	0.0	0.0	0.0	0.0	0.0	0.0	71.2	209.3	157.1	61.3	10.1	1.8	0.3
26	KANCRK26	5	2	14.8	0.0	0.0	0.0	0.0	0.0	0.0	71.5	213.0	159.1	62.5	8.2	1.8	0.1
27	KANCRK27	1	1	15.5	0.0	0.0	0.0	0.0	0.0	0.0	71.4	215.4	156.5	61.6	8.4	1.7	0.1
27	KANCRK27	1	2	12.9	0.0	0.0	0.0	0.0	0.0	0.0	73.5	211.2	155.1	62.6	8.4	1.8	0.1
27	KANCRK27	1	3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	74.2	214.2	153.9	64.1	8.5	1.8	0.1
27	KANCRK27	1	4	11.6	0.0	0.0	0.0	0.0	0.0	0.0	73.7	215.8	148.2	69.0	8.3	1.6	0.1
27	KANCRK27	2	1	14.0	0.0	0.0	0.0	0.0	0.0	0.0	71.3	215.1	150.5	65.1	8.3	1.8	0.3
27	KANCRK27	2	2	12.4	0.0	0.0	0.0	0.0	0.0	0.0	71.9	211.7	149.4	66.1	8.6	1.8	0.1
27	KANCRK27	2	3	10.9	0.0	0.0	0.0	0.0	0.0	0.0	73.2	217.6	150.0	59.0	8.0	1.9	0.1
27	KANCRK27	2	4	12.1	0.0	0.0	0.0	0.0	0.0	0.0	74.0	215.1	142.5	59.9	8.0	1.6	

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
46 LKMEAD46		3	4	53.3	9.0	7.5	1.7	0.7	0.0	0.0	73.6	457.0	369.4	177.4	30.2	6.5	2.0
46 LKMEAD46		4	1	56.4	7.3	7.0	6.2	4.7	0.2	0.0	72.9	480.3	353.3	151.8	33.3	6.0	2.0
47 LKMEAD47		1	1	53.9	7.0	7.0	6.7	2.0	0.0	0.0	71.9	492.3	384.0	159.5	30.6	8.1	1.6
47 LKMEAD47		1	2	55.6	7.3	7.0	6.6	0.7	0.1	0.0	72.3	484.2	365.8	166.8	28.6	8.7	1.6
47 LKMEAD47		1	3	54.6	7.5	6.9	2.7	0.7	0.0	0.0	73.2	488.9	371.8	163.4	29.2	6.4	1.7
47 LKMEAD47		1	4	52.4	7.5	7.2	0.8	0.7	0.0	0.0	73.7	478.7	370.1	175.5	29.0	6.5	1.5
47 LKMEAD47		2	1	54.9	7.0	6.9	6.8	5.1	0.0	0.0	73.0	489.4	370.3	158.1	31.5	7.6	1.6
47 LKMEAD47		2	2	49.0	7.0	7.0	6.8	1.5	0.0	0.0	72.1	489.6	357.0	161.4	30.7	8.7	1.6
47 LKMEAD47		2	3	49.9	7.4	7.0	6.7	0.7	0.0	0.0	72.1	478.4	365.4	166.5	29.0	8.7	2.0
47 LKMEAD47		2	4	52.9	7.7	7.0	3.7	0.8	0.0	0.0	73.1	474.8	371.4	162.3	27.4	6.5	1.6
47 LKMEAD47		3	1	52.7	7.0	6.9	6.1	4.9	0.0	0.0	73.6	476.5	357.8	143.0	29.0	6.9	1.0
47 LKMEAD47		3	2	55.9	7.0	7.0	6.3	6.1	0.2	0.0	73.3	488.5	364.4	148.7	32.0	7.3	1.9
47 LKMEAD47		3	3	52.8	7.2	7.0	6.9	4.3	0.0	0.0	72.5	472.4	360.9	165.0	32.7	8.5	1.9
47 LKMEAD47		3	4	49.2	7.4	7.0	6.8	1.2	0.0	0.0	72.1	480.7	368.9	163.3	30.6	6.8	2.0
47 LKMEAD47		4	1	53.7	6.9	6.6	6.0	0.2	0.0	0.0	73.5	478.4	369.8	140.0	24.8	6.4	1.1
47 LKMEAD47		4	2	56.9	7.0	6.9	6.1	3.1	0.0	0.0	73.7	483.9	354.1	147.5	26.3	6.4	1.0
47 LKMEAD47		4	3	54.6	7.0	7.0	6.1	6.0	0.0	0.0	73.5	501.9	353.4	144.7	28.3	7.1	1.8
47 LKMEAD47		4	4	56.4	7.3	7.0	6.2	4.7	0.2	0.0	72.8	480.4	353.3	153.1	33.3	6.1	2.0
47 LKMEAD47		5	3	57.8	7.0	6.2	6.0	1.0	0.0	0.0	73.9	491.9	362.1	147.3	24.2	6.7	1.0
Lime Canyon WSA																	
47 LKMEAD47		4	1	53.7	6.9	6.6	6.0	0.2	0.0	0.0	73.5	478.4	369.8	140.0	24.8	6.4	1.1
47 LKMEAD47		4	2	56.9	7.0	6.9	6.1	3.1	0.0	0.0	73.7	483.9	354.1	147.5	26.3	6.4	1.0
47 LKMEAD47		5	1	48.2	6.5	6.0	2.6	0.0	0.0	0.0	72.8	490.4	360.1	149.5	25.3	5.9	0.9
47 LKMEAD47		5	2	55.1	6.9	6.1	5.0	0.1	0.0	0.0	73.4	484.7	337.9	140.4	23.5	6.4	0.8
47 LKMEAD47		6	1	41.6	6.0	5.1	0.0	0.0	0.0	0.0	71.7	523.8	370.4	152.9	25.1	5.8	1.0
Moquith Mountains WSA																	
17 KAIBAB17		4	7	52.7	3.3	3.2	1.4	0.8	0.0	0.0	72.6	245.4	175.9	84.2	14.7	1.9	0.3
17 KAIBAB17		5	7	52.3	3.3	3.2	1.5	0.8	0.0	0.0	72.2	238.6	176.6	80.0	12.9	1.5	0.2
29 MOQMTN29		1	1	51.2	3.6	2.7	1.8	1.3	0.0	0.0	73.5	238.8	175.7	82.5	14.1	1.7	0.2
29 MOQMTN29		1	2	59.7	4.7	2.2	1.3	1.3	0.7	0.0	74.5	237.7	179.4	84.5	12.1	2.4	0.4
29 MOQMTN29		1	3	41.7	3.8	3.2	1.0	0.0	0.0	0.0	74.5	248.7	180.6	81.7	15.0	1.7	0.5
29 MOQMTN29		2	1	56.4	3.4	2.2	1.4	1.3	0.1	0.0	72.5	237.8	170.4	73.5	13.6	1.6	0.3
29 MOQMTN29		2	2	51.9	4.2	2.1	1.3	1.3	0.0	0.0	74.2	235.7	177.9	77.4	14.2	1.7	0.2
29 MOQMTN29		2	3	41.4	3.7	3.2	0.2	0.0	0.0	0.0	74.9	238.4	184.2	72.7	11.1	1.6	0.5
29 MOQMTN29		2	4	52.0	3.9	2.1	1.9	0.4	0.0	0.0	74.4	245.9	180.2	77.9	16.4	1.5	0.5
29 MOQMTN29		3	1	63.1	3.5	2.7	1.8	1.3	1.3	0.0	71.4	233.9	184.1	64.0	13.3	2.8	0.2
29 MOQMTN29		3	2	46.8	4.1	2.1	1.3	0.1	0.0	0.0	72.8	232.2	178.8	65.2	12.3	1.7	0.2
29 MOQMTN29		3	3	40.4	3.7	3.2	0.1	0.0	0.0	0.0	74.3	229.0	183.7	68.9	10.5	1.6	0.4
29 MOQMTN29		3	4	50.9	3.9	2.0	1.9	0.4	0.0	0.0	74.7	231.8	184.5	68.7	15.9	1.5	0.5
29 MOQMTN29		3	5	63.3	3.2	2.6	1.8	1.8	1.6	0.0	73.9	240.4	179.7	72.9	17.5	3.2	0.5
29 MOQMTN29		4	1	63.8	3.5	2.7	2.1	1.3	1.3	0.0	70.3	234.6	182.5	60.1	12.8	2.7	0.2
29 MOQMTN29		4	2	43.4	4.5	2.5	1.3	0.0	0.0	0.0	71.1	233.1	175.7	61.1	12.3	1.4	0.1
29 MOQMTN29		4	3	39.4	4.0	3.6	0.1	0.0	0.0	0.0	73.2	233.4	169.1	66.2	11.7	1.6	0.1
Morman Mountains WSA																	
45 WEST45		1	1	28.5	2.4	0.4	0.0	0.0	0.0	0.0	71.3	274.8	192.5	69.4	9.6	3.0	0.1
45 WEST45		1	2	26.2	2.4	0.4	0.0	0.0	0.0	0.0	72.2	260.0	184.2	51.5	7.7	2.9	0.1
45 WEST45		1	3	26.0	2.4	0.3	0.0	0.0	0.0	0.0	73.5	226.1	161.5	48.3	7.2	2.2	0.1
45 WEST45		1	4	25.7	2.4	0.1	0.0	0.0	0.0	0.0	73.3	212.3	138.6	38.7	6.8	1.8	0.1
45 WEST45		1	5	24.9	2.4	0.0	0.0	0.0	0.0	0.0	74.5	194.7	127.1	38.1	6.9	1.8	0.1
45 WEST45		1	6	24.8	2.1	0.0	0.0	0.0	0.0	0.0	74.6	170.8	122.7	31.4	6.1	1.7	0.1
45 WEST45		1	7	24.0	2.1	0.0	0.0	0.0	0.0	0.0	74.8	162.3	115.0	29.8	4.6	1.3	0.1
45 WEST45		1	8	23.1	1.0	0.0	0.0	0.0	0.0	0.0	74.4	154.4	105.2	22.1	4.1	1.2	0.1
45 WEST45		1	9	22.6	0.9	0.0	0.0	0.0	0.0	0.0	73.0	145.6	93.6	19.0	3.8	1.2	0.1
45 WEST45		1	10	22.1	0.9	0.0	0.0	0.0	0.0	0.0	71.7	139.9	81.8	16.1	3.6	1.2	0.1
45 WEST45		1	11	23.5	0.7	0.0	0.0	0.0	0.0	0.0	70.6	130.4	77.3	13.8	3.6	1.2	0.1
45 WEST45		2	2	28.1	2.5	1.0	0.0	0.0	0.0	0.0	71.8	273.8	195.9	73.5	9.3	3.0	0.1
45 WEST45		2	3	27.9	2.4	1.0	0.0	0.0	0.0	0.0	73.2	251.1	184.8	53.4	8.8	2.9	0.1
45 WEST45		2	4	27.7	2.4	0.9	0.0	0.0	0.0	0.0	73.2	241.7	169.7	48.6	7.1	1.8	0.1
45 WEST45		2	5	27.1	2.4	0.9	0.0	0.0	0.0	0.0	72.5	216.9	140.7	47.0	7.2	1.7	0.1
45 WEST45		2	6	26.4	2.4	0.3	0.0	0.0	0.0	0.0	73.6	206.9	129.2	38.2	6.9	1.6	0.1
45 WEST45		2	7	25.6	2.4	0.0	0.0	0.0	0.0	0.0	74.4	185.7	123.8	30.8	5.8	1.4	0.1
45 WEST45		2	8	24.7	2.1	0.0	0.0	0.0	0.0	0.0	74.5	166.7	115.1	30.2	5.7	1.3	0.1
45 WEST45		2	9	23.9	2.1	0.0	0.0	0.0	0.0	0.0	74.0	161.3	108.2	26.5	4.3	1.3	0.1
45 WEST45		2	10	24.1	2.0	0.0	0.0	0.0	0.0	0.0	73.2	146.6	103.0	18.6	3.8	1.2	0.1
45 WEST45		3	6	28.1	2.4	0.9	0.0	0.0	0.0	0.0	72.1	230.3	143.2	48.1	7.0	1.6	0.1
45 WEST45		3	7	27.2	2.4	0.9	0.0	0.0	0.0	0.0	73.2	201.9	131.0	39.0	6.7	1.5	0.1
45 WEST45		3	8	26.2	2.5	0.2	0.0	0.0	0.0	0.0	74.0	191.0	119.2	32.1	6.0	1.4	0.1
45 WEST45		3	9	25.0	2.1	0.0	0.0	0.0	0.0	0.0	74.4	170.8	115.5	30.5	5.4	1.5	0.1
North Fork Virgin River																	
35 DEEPCK35		4	1	51.9	3.3	0.5	0.3	0.0	0.0	0.0	73.0	202.3	131.6	52.6	8.8	1.5	0.6
35 DEEPCK35		5	1	53.9	2.8	0.5	0.2	0.0	0.0	0.0	71.8	203.1	130.3	53.6	10.9	1.5	0.6
34 ORDERV34		1	4	49.8	3.4	0.6	0.2	0.0	0.0	0.0	72.7	221.3	136.2	52.7	11.2	1.6	0.6
34 ORDERV34		1	5	51.7	3.3	0.5	0.3	0.0	0.0	0.0	73.0	202.2	131.6	52.7	8.8	1.5	0.6
34 ORDERV34		2	4	46.7	2.9	0.5	0.2	0.0	0.0	0.0	73.6	221.3	145.4	53.9	11.6	1.7	0.6
34 ORDERV34		2	5	53.9	2.8	0.5	0.2	0.0	0.0	0.0	71.8	202.8	130.3	53.6	10.9	1.5	0.6
Orderville Canyon WSA																	
34 ORDERV34		1	2	46.4	4.0	1.1	0.3	0.1	0.0	0.0	74.4	240.5	174.0	69.1	11.0	1.8	0.6
34 ORDERV34		1	3	45.1	4.0	0.5	0.3	0.0	0.0	0.0	73.9	226.9	155.9	63.4	11.8	1.7	0.6
34 ORDERV34		2	2	60.0	3.2	1.1	0.2	0.1	0.0	0.0	74.7	238.2	172.3	71.1	14.4	1.8	0.6
34 ORDERV34		2	3	45.3	3.5	0.5	0.3	0.0	0.0	0.0	74.4	234.0	159.7	67.4	10.7	1.7	0.6
Paiute Indian Reservation																	
5 PAIUTEW5		1	1	46.6	12.8	9											

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
5 PAIUTEW5		2	4	61.1	12.5	9.1	2.1	0.5	0.0	0.0	70.5	313.6	264.6	124.1	18.0	3.1	1.1
5 PAIUTEW5		2	5	59.7	12.5	8.7	2.5	2.1	0.0	0.0	71.5	309.7	260.4	130.2	17.9	3.0	1.1
5 PAIUTEW5		3	1	48.5	53.1	13.1	2.1	0.8	0.0	0.0	74.4	370.2	254.7	101.5	15.8	2.9	0.1
5 PAIUTEW5		3	2	62.7	53.1	12.5	2.9	1.7	0.0	0.0	74.2	362.6	253.8	104.1	15.9	2.7	0.1
5 PAIUTEW5		3	3	62.8	52.8	12.5	2.5	2.1	0.5	0.0	72.6	363.7	250.2	108.3	17.4	3.1	0.1
5 PAIUTEW5		3	4	61.7	52.7	12.5	2.5	2.3	0.6	0.0	70.2	360.1	264.5	114.1	18.9	2.7	0.9
5 PAIUTEW5		3	5	61.0	38.8	8.8	2.5	2.3	0.3	0.0	69.6	337.7	258.5	120.2	19.6	2.4	1.0
5 PAIUTEW5		4	1	55.0	53.6	53.1	2.9	1.5	0.0	0.0	73.5	355.4	276.3	94.1	16.3	2.9	0.1
5 PAIUTEW5		4	2	65.0	53.2	47.4	2.9	2.5	1.3	0.1	72.8	346.5	276.6	91.3	16.7	4.1	0.1
5 PAIUTEW5		4	3	61.1	52.9	12.5	2.5	2.1	0.5	0.0	71.4	358.9	248.1	94.8	16.1	3.1	0.1
5 PAIUTEW5		4	4	58.6	52.9	12.5	2.5	1.8	0.0	0.0	69.5	356.8	239.3	105.0	15.5	2.6	0.1
5 PAIUTEW5		4	5	50.7	52.9	12.1	2.1	0.2	0.0	0.0	69.0	351.6	236.4	106.3	15.6	2.1	0.1
5 PAIUTEW5		5	1	62.1	57.1	56.9	9.1	2.5	1.0	0.0	73.2	347.9	274.2	86.7	12.7	3.7	0.1
5 PAIUTEW5		5	2	64.7	57.1	53.1	2.9	2.1	1.1	0.0	73.1	350.4	266.8	78.1	16.1	3.5	0.1
5 PAIUTEW5		5	3	64.1	53.3	53.0	1.8	1.1	0.0	0.0	72.0	343.2	266.2	80.6	14.9	2.8	0.1
5 PAIUTEW5		5	4	52.1	53.5	34.6	1.2	0.0	0.0	0.0	70.2	335.1	250.2	84.4	13.7	2.5	0.1
5 PAIUTEW5		5	5	40.1	53.5	12.2	0.5	0.0	0.0	0.0	69.9	351.4	234.6	86.5	13.8	1.8	0.1
Paiute Indian Reservation (North)																	
14 PAIUTE15		1	1	58.8	16.7	14.9	8.8	7.2	1.3	0.0	70.6	204.6	160.7	69.3	21.0	2.2	0.2
14 PAIUTE15		1	2	61.4	16.7	12.9	8.7	7.6	4.3	0.0	72.0	203.9	153.9	72.9	17.9	5.3	0.2
14 PAIUTE15		2	1	44.9	16.2	12.1	7.1	0.0	0.0	0.0	69.2	195.9	153.1	57.0	9.4	1.0	0.2
14 PAIUTE15		2	2	50.6	16.3	11.4	7.9	4.6	0.0	0.0	70.3	196.8	147.6	57.3	15.4	1.2	0.2
14 PAIUTE15		3	1	43.0	14.5	9.4	0.5	0.0	0.0	0.0	70.1	193.8	147.1	40.3	7.3	0.9	0.2
14 PAIUTE15		3	2	41.8	15.8	9.3	3.1	0.0	0.0	0.0	70.1	194.0	143.7	49.8	7.0	0.7	0.2
Paiute Wilderness																	
4 BEAVER4		1	1	58.5	18.9	15.3	14.2	6.7	1.5	0.0	74.0	345.4	262.7	110.5	22.5	4.7	0.9
4 BEAVER4		1	2	57.1	24.4	16.3	14.2	9.6	0.1	0.0	73.9	357.2	264.6	123.1	24.2	3.2	0.9
4 BEAVER4		2	1	61.4	17.3	13.4	10.7	5.3	0.8	0.0	74.4	328.3	245.8	100.9	26.3	4.8	1.2
4 BEAVER4		2	2	62.2	24.3	16.1	14.6	11.4	2.2	0.0	74.6	335.9	252.8	106.2	26.8	5.3	1.1
4 BEAVER4		3	1	60.9	22.1	12.8	8.8	3.3	0.8	0.0	72.9	331.6	246.6	100.0	23.1	4.7	0.8
4 BEAVER4		3	2	59.2	24.2	16.3	13.4	6.8	1.0	0.0	74.0	332.9	246.4	99.9	24.7	4.9	1.1
4 BEAVER4		3	3	58.3	24.6	19.3	16.0	12.6	1.1	0.0	74.0	334.4	255.7	106.3	26.7	4.1	1.1
4 BEAVER4		3	8	48.2	52.1	13.3	2.1	0.4	0.0	0.0	73.2	356.5	240.3	104.0	16.1	2.9	0.2
4 BEAVER4		4	1	61.3	20.5	12.2	5.9	1.5	0.1	0.0	71.9	320.6	237.0	96.3	20.2	3.3	0.8
4 BEAVER4		4	2	61.4	23.9	17.4	11.4	3.6	1.0	0.0	72.9	327.1	243.2	100.3	20.6	4.1	0.8
4 BEAVER4		4	4	59.2	60.9	24.5	16.2	12.3	0.3	0.0	74.0	366.7	250.6	106.0	23.2	3.3	1.0
4 BEAVER4		5	1	64.8	20.1	11.1	3.2	0.7	0.3	0.0	73.2	347.5	226.9	90.5	18.4	3.4	1.0
4 BEAVER4		5	2	64.9	22.0	15.3	6.3	1.7	0.3	0.0	72.3	325.9	230.9	95.8	19.3	3.1	0.8
4 BEAVER4		5	3	63.1	34.9	19.0	12.3	4.8	1.1	0.0	73.1	330.9	233.4	98.1	21.4	3.8	1.4
4 BEAVER4		5	4	60.3	61.0	24.2	16.1	12.7	4.3	0.0	73.7	362.6	251.3	102.3	23.5	7.6	1.1
4 BEAVER4		6	3	63.7	60.2	22.0	10.0	2.9	0.4	0.0	71.9	358.7	234.9	98.5	14.8	3.1	0.8
2 PAIUTEW2		2	1	63.6	6.0	4.6	0.3	0.1	0.1	0.0	74.1	354.6	265.1	104.5	19.9	3.1	0.9
2 PAIUTEW2		2	2	52.9	7.6	5.7	0.7	0.1	0.0	0.0	75.2	356.7	246.6	109.0	17.7	3.2	0.9
2 PAIUTEW2		2	3	56.0	10.2	6.2	2.5	0.2	0.0	0.0	75.4	357.1	239.6	101.6	18.9	4.1	0.9
2 PAIUTEW2		2	4	58.9	10.7	8.6	3.6	1.2	0.0	0.0	74.3	364.8	245.0	101.2	20.7	4.2	1.0
2 PAIUTEW2		3	1	60.4	5.8	3.8	0.2	0.1	0.1	0.0	73.3	355.5	251.6	103.3	20.3	2.4	0.9
2 PAIUTEW2		3	2	61.0	6.3	4.8	0.3	0.2	0.1	0.0	74.6	350.2	239.2	103.3	21.2	3.2	0.9
2 PAIUTEW2		3	3	58.8	7.9	5.7	0.9	0.1	0.0	0.0	75.6	345.9	234.4	98.1	17.8	3.2	0.9
2 PAIUTEW2		3	4	60.0	8.1	6.3	1.7	0.3	0.0	0.0	76.0	338.5	231.1	96.9	19.1	3.3	0.9
2 PAIUTEW2		4	1	55.3	4.3	2.8	0.2	0.1	0.0	0.0	72.3	353.5	234.7	99.1	19.7	2.6	0.9
2 PAIUTEW2		4	2	63.9	6.2	4.1	0.2	0.1	0.1	0.0	73.6	347.5	248.7	103.1	20.2	3.1	0.9
2 PAIUTEW2		4	3	59.0	6.6	4.6	0.3	0.1	0.0	0.0	75.3	334.7	223.5	99.3	20.9	3.2	0.9
2 PAIUTEW2		4	4	62.7	7.3	5.7	0.7	0.1	0.0	0.0	76.2	336.6	223.7	90.6	18.0	2.9	0.9
2 PAIUTEW2		5	1	55.6	4.3	2.2	0.2	0.0	0.0	0.0	72.8	344.6	239.9	91.2	19.6	2.8	0.7
2 PAIUTEW2		5	2	57.9	5.1	2.4	0.2	0.1	0.0	0.0	72.6	348.3	236.7	97.0	19.9	2.4	0.9
2 PAIUTEW2		5	3	70.7	6.1	3.6	0.3	0.1	0.1	0.1	74.7	331.3	205.5	95.5	20.4	3.5	0.9
2 PAIUTEW2		5	4	63.3	9.1	4.4	0.4	0.1	0.0	0.0	76.0	333.3	217.1	97.9	21.2	3.4	0.9
2 PAIUTEW2		6	1	49.6	4.1	1.0	0.1	0.0	0.0	0.0	72.5	354.0	231.8	85.2	19.0	2.7	0.7
2 PAIUTEW2		6	2	52.2	4.9	2.2	0.2	0.0	0.0	0.0	72.9	339.8	229.6	95.5	19.1	2.5	0.7
2 PAIUTEW2		6	3	59.7	8.1	2.9	0.4	0.1	0.1	0.0	73.0	342.8	231.1	95.5	19.1	2.3	0.9
2 PAIUTEW2		6	4	62.6	9.1	4.0	0.4	0.2	0.1	0.0	74.6	334.6	204.9	92.9	18.9	3.2	0.8
2 PAIUTEW2		7	2	50.9	4.4	1.1	0.2	0.0	0.0	0.0	72.3	336.6	225.5	88.3	19.0	2.7	0.7
2 PAIUTEW2		7	3	53.3	8.1	2.3	0.2	0.0	0.0	0.0	73.3	343.3	223.1	92.0	19.2	2.4	0.9
2 PAIUTEW2		7	4	66.5	8.5	3.1	0.4	0.1	0.1	0.0	73.9	359.8	198.9	91.5	19.9	2.6	0.9
2 PAIUTEW2		8	2	51.0	4.5	0.6	0.2	0.1	0.0	0.0	72.2	357.9	225.5	86.7	19.9	2.8	0.7
2 PAIUTEW2		8	3	50.4	7.3	1.1	0.3	0.1	0.0	0.0	72.0	362.8	226.2	85.5	18.8	2.4	0.7
2 PAIUTEW2		8	4	53.3	8.3	1.5	0.3	0.2	0.0	0.0	72.6	366.4	225.2	89.3	18.2	2.4	0.9
2 PAIUTEW2		9	3	55.9	7.4	1.3	0.2	0.2	0.1	0.0	72.1	369.5	235.4	81.8	18.8	2.6	0.7
3 PAIUTEW3		1	1	56.2	12.4	10.0	6.7	1.9	0.0	0.0	72.4	364.4	267.0	106.0	21.2	4.2	1.1
3 PAIUTEW3		1	2	55.0	13.3	12.1	9.1	3.2	0.0	0.0	72.4	364.7	276.6	109.2	23.0	3.8	1.0
3 PAIUTEW3		2	1	59.0	10.7	8.6	3.6	1.2	0.0	0.0	74.4	364.2	244.8	101.4	20.7	4.2	1.0
3 PAIUTEW3		2	2	56.7	15.0	10.7	6.8	1.9	0.1	0.0	71.9	368.2	259.5	101.2	21.1	4.1	1.1
3 PAIUTEW3		2	3	56.2	16.2	12.6	9.5	3.2	0.1	0.0	72.7	366.1	257.2	107.4	24.3	3.9	0.8
3 PAIUTEW3		2	4	57.7	18.6	15.0	11.9	5.8	0.5	0.0	73.7	344.2	267.4	110.0	24.7	4.2	1.0
3 PAIUTEW3		2	5	55.8	18.8	15.9	14.4	8.5	0.0	0.0	74.0	358.9	270.4	120.0	24.6	3.1	0.9
3 PAIUTEW3		3	1	60.0	8.1	6.3	1.7	0.3	0.0	0.0	76.0	338.3	231.1	96.9	18.9	3.3	0.9
3 PAIUTEW3		3	2	58.2	13.5	10.2	3.9	0.5	0.0	0.0	73.7	354.3	248.3	98.1	19.4	3.9	1.1
3 PAIUTEW3		3	3	59.1	15.1	11.1	7.0	2.0	0.1	0.0	72.1	357.6	251.0	99.5	23.4	4.2	1.1
3 PAIUTEW3		3	4	57.8	18.0	12.8	10.0	3.2	0.1	0.0	73.0	336.9	254.9	102.9	22.4</		

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
3	PAIUTEW3	5	5	58.8	23.0	13.0	7.6	2.6	0.2	0.0	71.8	336.1	247.2	98.5	21.0	4.1	0.8
3	PAIUTEW3	6	1	62.7	9.1	4.0	0.4	0.2	0.1	0.0	74.6	334.4	204.9	92.9	19.0	3.2	0.8
3	PAIUTEW3	6	2	63.9	9.4	4.9	0.7	0.2	0.0	0.0	76.0	336.7	204.7	94.3	18.0	3.3	0.9
3	PAIUTEW3	6	3	60.9	10.0	6.1	1.6	0.4	0.1	0.0	75.7	347.7	220.7	90.5	17.2	3.5	0.9
3	PAIUTEW3	6	4	63.3	18.3	7.1	2.0	0.6	0.2	0.0	74.1	355.5	226.0	89.1	18.1	3.2	1.0
3	PAIUTEW3	6	5	60.1	21.0	12.2	4.2	1.5	0.2	0.0	72.0	330.9	231.9	94.2	19.2	3.4	1.0
3	PAIUTEW3	7	1	66.3	8.5	3.1	0.4	0.1	0.1	0.0	73.9	356.6	198.8	91.5	19.9	2.6	0.9
3	PAIUTEW3	7	2	57.8	8.8	3.5	0.6	0.1	0.0	0.0	75.4	355.4	204.0	89.5	19.0	3.3	0.8
1	PARSHAN1	7	7	46.5	4.0	0.9	0.2	0.0	0.0	0.0	71.6	381.5	255.6	90.2	19.8	2.9	0.8
1	PARSHAN1	7	8	47.8	4.8	2.6	0.2	0.0	0.0	0.0	71.7	371.5	252.4	100.4	20.2	2.6	0.7
1	PARSHAN1	8	7	47.7	3.2	0.9	0.1	0.0	0.0	0.0	72.7	389.7	249.6	86.7	20.0	2.7	0.8
1	PARSHAN1	8	8	49.8	4.0	1.9	0.2	0.0	0.0	0.0	72.6	358.5	244.0	89.6	20.3	2.8	0.7
1	PARSHAN1	9	8	50.3	3.5	0.9	0.1	0.0	0.0	0.0	72.8	372.0	241.9	86.9	19.7	2.7	0.8
1	PARSHAN1	10	3	45.2	0.9	0.3	0.2	0.0	0.0	0.0	71.1	403.5	301.8	123.4	19.3	4.5	0.7
Parunuweap WSA																	
31	PARUNW31	1	2	50.4	4.5	3.1	1.3	1.1	0.0	0.0	74.4	272.6	207.9	114.2	17.8	2.2	0.5
31	PARUNW31	1	3	58.4	3.4	1.6	1.1	1.1	0.6	0.0	73.9	270.8	208.6	106.8	14.8	2.5	0.4
31	PARUNW31	1	4	45.1	3.3	2.0	1.1	0.0	0.0	0.0	72.3	273.8	203.2	103.4	16.2	1.9	0.2
31	PARUNW31	1	5	39.7	2.2	2.0	0.1	0.0	0.0	0.0	71.1	260.6	202.0	95.5	23.1	1.7	0.2
31	PARUNW31	1	6	49.8	2.8	1.1	0.8	0.2	0.0	0.0	71.1	248.9	191.7	88.3	23.1	1.7	0.2
31	PARUNW31	2	2	49.4	4.5	3.1	1.3	1.1	0.0	0.0	73.9	263.4	205.4	97.3	17.9	2.2	0.6
31	PARUNW31	2	3	58.2	3.3	1.6	1.1	1.1	0.1	0.0	74.2	259.8	198.8	102.1	13.5	2.2	0.5
31	PARUNW31	2	4	46.0	2.5	1.4	1.1	0.1	0.0	0.0	73.5	253.2	199.2	97.0	15.2	1.8	0.5
31	PARUNW31	2	5	37.1	2.1	2.0	0.0	0.0	0.0	0.0	72.0	259.7	196.9	93.1	20.1	1.7	0.3
31	PARUNW31	2	6	47.1	2.1	1.5	0.8	0.0	0.0	0.0	72.7	250.8	192.6	87.0	23.2	1.5	0.2
31	PARUNW31	3	1	51.0	4.5	3.3	1.9	0.4	0.0	0.0	71.2	249.1	195.9	96.5	14.8	1.8	0.6
31	PARUNW31	3	2	47.0	3.3	3.1	1.3	0.1	0.0	0.0	72.9	255.6	191.3	93.9	15.0	1.7	0.5
31	PARUNW31	3	3	58.5	3.1	2.3	1.1	1.1	0.6	0.0	74.0	253.2	197.0	101.6	16.8	2.5	0.5
31	PARUNW31	3	4	48.7	3.2	1.2	1.1	0.6	0.0	0.0	74.1	253.4	194.0	95.7	13.5	1.6	0.5
31	PARUNW31	3	5	36.0	2.0	1.9	0.1	0.0	0.0	0.0	73.6	250.9	194.7	89.0	16.1	1.7	0.4
31	PARUNW31	3	6	43.8	2.1	2.0	0.2	0.0	0.0	0.0	72.4	240.7	193.7	87.5	23.2	1.8	0.2
31	PARUNW31	3	7	56.3	1.6	0.9	0.8	0.7	0.1	0.0	71.9	233.4	190.5	95.0	23.7	1.8	0.1
31	PARUNW31	4	1	52.2	4.4	3.1	1.9	1.1	0.0	0.0	72.8	238.8	197.9	92.0	15.5	1.6	0.5
31	PARUNW31	4	2	44.0	3.3	3.0	1.5	0.0	0.0	0.0	72.5	249.2	194.7	88.1	16.7	1.7	0.5
31	PARUNW31	4	3	57.9	3.1	1.6	1.1	1.1	0.1	0.0	73.3	246.9	194.3	86.6	16.4	1.8	0.5
31	PARUNW31	4	4	51.4	3.1	1.2	1.1	1.1	0.0	0.0	74.1	248.3	194.5	92.5	12.9	2.0	0.4
31	PARUNW31	4	5	38.6	2.0	1.9	1.1	0.0	0.0	0.0	74.1	244.6	197.7	91.0	16.0	1.7	0.4
31	PARUNW31	4	6	40.6	2.0	1.9	0.2	0.0	0.0	0.0	73.1	241.8	192.3	81.8	15.5	1.8	0.4
31	PARUNW31	4	7	50.8	2.0	0.8	0.8	0.2	0.0	0.0	72.0	234.9	189.4	82.7	23.6	1.7	0.1
31	PARUNW31	5	1	53.8	4.4	3.1	1.9	1.8	0.0	0.0	72.5	239.4	195.7	88.3	16.1	1.4	0.5
31	PARUNW31	5	2	41.7	3.2	3.0	1.5	0.0	0.0	0.0	71.8	244.4	194.7	83.0	14.0	1.7	0.5
31	PARUNW31	5	3	55.3	3.1	3.0	1.1	1.1	0.0	0.0	72.0	248.4	189.9	79.3	16.4	1.7	0.5
31	PARUNW31	5	4	53.6	3.3	1.1	1.1	1.1	0.0	0.0	73.4	249.6	194.1	77.6	15.1	1.7	0.5
31	PARUNW31	5	5	40.4	2.0	1.3	1.1	0.0	0.0	0.0	74.4	246.3	196.0	85.5	11.5	2.0	0.5
31	PARUNW31	5	6	37.8	2.0	1.9	0.0	0.0	0.0	0.0	74.0	245.5	192.9	83.8	17.4	1.5	0.4
31	PARUNW31	6	2	42.7	3.2	3.0	1.5	0.0	0.0	0.0	71.6	239.1	191.6	76.4	14.1	1.2	0.5
31	PARUNW31	6	3	52.6	3.0	3.0	1.1	1.1	0.0	0.0	71.1	248.9	192.2	78.8	15.1	1.5	0.5
31	PARUNW31	6	4	56.5	3.1	1.1	1.1	1.1	0.1	0.0	72.3	256.2	180.0	80.3	16.5	1.5	0.5
31	PARUNW31	7	3	49.6	3.0	2.9	1.1	1.1	0.0	0.0	70.6	243.4	191.5	73.5	15.3	1.1	0.5
Pine Valley Mountain Wilderness																	
10	PINEV10	1	1	62.8	14.9	11.6	6.9	3.7	0.2	0.0	72.3	227.5	164.4	66.4	10.5	2.0	0.1
10	PINEV10	1	2	58.8	14.9	11.4	5.9	3.7	0.1	0.0	70.9	239.4	160.7	67.2	13.3	1.6	0.1
10	PINEV10	2	1	64.9	14.0	11.7	6.1	3.7	0.4	0.0	74.6	222.7	150.6	65.5	11.5	1.9	0.1
10	PINEV10	2	2	61.3	12.6	11.8	6.6	3.9	0.0	0.0	72.8	237.3	159.0	69.8	12.0	1.7	0.1
10	PINEV10	2	3	60.9	13.1	11.2	6.5	3.7	0.0	0.0	71.4	236.8	157.9	72.7	11.6	1.7	0.1
10	PINEV10	3	1	60.7	14.0	10.7	6.7	3.6	0.4	0.0	75.1	227.8	141.5	58.0	12.9	2.1	0.1
10	PINEV10	3	2	62.3	12.1	11.5	6.6	4.0	0.2	0.0	74.8	224.3	150.1	61.9	12.7	2.0	0.1
10	PINEV10	3	3	56.4	12.1	11.2	6.6	3.8	0.0	0.0	74.0	221.8	160.8	66.5	13.8	2.0	0.1
10	PINEV10	4	1	65.6	10.6	9.7	7.3	3.9	0.6	0.0	74.3	210.4	151.1	59.1	14.2	1.7	0.2
10	PINEV10	4	2	55.5	11.6	9.9	6.8	4.0	0.0	0.0	74.7	216.7	160.3	59.3	15.3	1.1	0.1
10	PINEV10	4	3	63.8	12.2	10.7	6.8	3.7	0.0	0.0	74.5	220.7	162.5	72.2	15.3	1.9	0.1
10	PINEV10	4	4	54.8	11.8	10.6	6.4	3.6	0.0	0.0	73.9	224.3	165.5	75.5	14.6	2.5	0.1
10	PINEV10	5	1	55.3	17.8	11.6	7.4	4.0	0.1	0.0	73.0	213.4	158.8	70.8	13.6	1.7	0.2
10	PINEV10	5	2	56.9	15.2	9.3	7.2	3.8	0.1	0.0	74.0	216.7	160.8	69.9	14.4	1.6	0.2
10	PINEV10	5	3	54.3	16.9	9.9	6.5	3.1	0.0	0.0	73.4	225.8	165.8	68.3	16.7	1.0	0.2
10	PINEV10	5	4	52.4	16.6	9.9	6.8	2.2	0.0	0.0	73.8	226.5	165.5	76.0	16.6	1.7	0.1
7	PINEV7	2	2	71.3	16.4	13.9	5.7	3.1	1.3	0.1	73.5	250.0	160.8	59.2	10.1	2.7	0.1
7	PINEV7	3	1	66.1	25.7	13.7	6.1	3.7	0.7	0.0	73.3	257.5	140.2	44.7	10.3	2.4	0.2
7	PINEV7	3	2	66.0	17.0	13.2	6.2	3.0	1.0	0.1	74.4	244.3	136.3	50.0	10.7	2.6	0.1
7	PINEV7	4	1	63.2	19.4	16.4	6.6	3.7	0.6	0.0	72.8	252.8	144.7	46.7	10.3	1.7	0.2
7	PINEV7	4	2	67.9	16.7	12.1	6.0	3.4	1.5	0.0	74.0	234.9	137.5	44.1	9.8	2.4	0.2
7	PINEV7	5	2	63.4	18.4	12.3	6.6	3.6	0.3	0.0	72.1	231.9	143.6	48.3	9.5	1.3	0.2
8	PINEV8	1	3	68.1	14.9	8.7	4.3	2.8	1.2	0.0	71.4	259.5	168.6	59.6	16.1	2.8	0.1
8	PINEV8	2	1	71.3	16.4	13.9	5.7	3.1	1.3	0.1	73.5	250.0	160.8	59.2	10.1	2.7	0.1
8	PINEV8	2	2	67.7	15.5	10.0	5.6	2.7	1.4	0.1	72.5	250.3	158.0	61.3	10.2	2.8	0.2
8	PINEV8	2	3	69.5	14.5	9.2	4.8	2.5	0.7	0.1	72.1	248.0	148.7	59.9	16.6	2.2	0.2
8	PINEV8	3	1	66.0	17.0	13.2	6.2	3.0	1.0	0.1	74.4	244.3	136.3	50.0	10.7	2.6	0.1
8	PINEV8	3	2	74.7	14.8	11.0	5.5	2.3	1.3	0.2	74.9	234.2	145.5	54.5	10.0	2.8	0.3
8	PINEV8	3	3	63.0	15.6	11.2	6.2	3.2	1.3	0.0	73.0	240.3	162.1	61.2			

Table S.2003-5
Number of Events Above LAmox Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above Lamax Thresholds with Cumulative Conditions 2003						
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA	
8	PINEV8	8	3	56.7	19.5	15.6	7.0	3.8	0.0	0.0	71.2	227.0	160.7	51.4	11.3	1.5	0.2	
9	PINEV9	1	1	68.0	14.9	8.7	4.3	2.8	1.2	0.0	71.4	258.4	168.6	59.6	16.1	2.8	0.1	
9	PINEV9	2	1	69.5	14.5	9.2	4.8	2.5	0.7	0.1	72.1	248.1	148.7	59.9	16.6	2.2	0.2	
9	PINEV9	3	1	63.0	15.6	11.2	6.2	3.2	1.3	0.0	73.0	240.3	162.1	61.2	9.7	2.9	0.1	
9	PINEV9	4	1	65.1	14.3	11.7	6.1	3.5	0.7	0.0	74.4	226.5	152.1	57.2	11.0	2.3	0.1	
9	PINEV9	4	3	61.6	14.9	11.6	6.5	4.0	0.2	0.0	71.9	233.2	165.7	65.9	10.7	1.9	0.1	
9	PINEV9	5	1	65.7	14.6	11.2	6.9	3.9	0.5	0.0	74.4	219.3	139.1	50.3	11.0	2.0	0.1	
9	PINEV9	5	2	63.1	14.1	11.4	6.2	3.7	0.6	0.0	74.9	222.3	141.1	59.8	11.7	2.0	0.1	
9	PINEV9	5	3	65.9	14.1	11.6	6.1	3.7	0.1	0.0	74.4	225.3	153.2	64.5	10.7	1.6	0.1	
9	PINEV9	6	1	69.3	13.1	9.8	6.1	3.8	1.1	0.0	73.7	202.4	136.0	55.2	10.6	2.3	0.2	
9	PINEV9	6	2	63.2	13.1	10.2	6.5	3.4	1.0	0.0	74.9	219.2	140.5	55.1	11.4	1.6	0.2	
9	PINEV9	6	3	64.9	13.9	10.6	6.6	3.6	0.7	0.0	75.4	226.8	141.5	57.6	13.0	2.4	0.1	
9	PINEV9	7	1	62.4	16.5	9.7	7.7	4.1	0.6	0.0	70.7	216.7	137.4	56.7	11.0	2.0	0.2	
9	PINEV9	7	2	61.1	14.8	9.9	8.0	4.1	0.3	0.0	72.5	209.5	142.8	59.5	13.4	1.5	0.2	
9	PINEV9	7	3	67.3	10.6	9.7	6.3	4.0	0.9	0.0	74.8	209.4	150.1	56.9	14.8	1.9	0.2	
Pipe Spring NM																		
17	KAIBAB17	3	2	38.6	0.7	0.2	0.1	0.0	0.0	0.0	73.0	246.0	198.5	87.1	12.0	1.9	0.5	
17	KAIBAB17	3	3	45.6	2.0	0.4	0.1	0.1	0.0	0.0	71.4	247.3	198.7	93.4	14.7	1.9	0.5	
17	KAIBAB17	4	2	40.0	1.1	0.2	0.1	0.0	0.0	0.0	73.8	246.6	186.0	90.2	13.4	1.8	0.5	
17	KAIBAB17	4	3	46.6	2.0	0.3	0.1	0.1	0.0	0.0	72.7	249.2	185.5	95.7	15.0	1.8	0.4	
Quail Creek SP																		
38	COTTON38	6	1	59.6	61.3	24.8	15.9	9.6	0.9	0.0	73.1	283.2	172.8	58.6	17.6	2.2	0.6	
38	COTTON38	6	2	60.7	61.0	24.0	16.6	12.2	2.2	0.0	73.1	277.6	170.6	60.1	19.9	3.5	0.2	
Red Mountain WSA																		
39	REDMTN39	1	2	48.6	53.5	34.5	1.2	0.0	0.0	0.0	70.0	338.6	251.6	85.2	13.8	1.8	0.1	
39	REDMTN39	1	3	38.2	53.1	12.2	0.5	0.0	0.0	0.0	69.9	348.8	235.2	93.3	14.0	1.8	0.1	
39	REDMTN39	2	1	57.9	56.3	53.2	7.8	0.2	0.0	0.0	72.5	350.0	256.4	76.2	14.0	2.4	0.1	
39	REDMTN39	2	2	44.6	53.7	52.2	0.4	0.0	0.0	0.0	71.0	338.7	258.6	72.3	13.6	1.8	0.1	
39	REDMTN39	2	3	38.7	53.4	12.4	0.6	0.0	0.0	0.0	70.7	323.8	219.9	73.5	13.5	1.9	0.1	
40	REDMTN40	1	1	60.2	35.9	8.8	2.5	2.3	0.3	0.0	69.7	334.5	258.6	119.6	19.6	3.2	1.0	
40	REDMTN40	1	2	56.2	12.7	8.8	2.5	2.1	0.1	0.0	70.8	310.6	260.3	121.7	19.1	2.9	1.1	
40	REDMTN40	1	3	50.1	12.6	8.9	2.5	2.1	0.0	0.0	71.8	304.2	239.2	117.8	15.2	2.7	1.1	
40	REDMTN40	2	1	48.4	52.7	12.1	2.1	0.1	0.0	0.0	68.9	350.7	249.7	106.8	16.8	2.1	0.1	
40	REDMTN40	2	2	45.3	34.9	9.0	2.1	0.1	0.0	0.0	69.0	328.3	257.5	105.4	17.1	2.0	1.0	
40	REDMTN40	2	3	41.6	13.2	9.0	1.2	0.0	0.0	0.0	70.1	302.7	244.7	101.0	16.8	2.8	1.0	
40	REDMTN40	3	1	38.2	53.1	12.2	0.5	0.0	0.0	0.0	69.9	348.8	235.2	93.3	14.0	1.8	0.1	
40	REDMTN40	3	2	37.2	53.1	12.6	0.1	0.0	0.0	0.0	69.2	344.4	232.6	89.2	15.1	1.9	0.1	
40	REDMTN40	3	3	37.8	13.2	9.8	0.0	0.0	0.0	0.0	70.0	301.1	237.5	86.4	16.4	1.9	0.9	
40	REDMTN40	4	1	38.7	53.4	12.4	0.6	0.0	0.0	0.0	70.7	323.8	219.9	73.4	13.5	1.9	0.1	
40	REDMTN40	4	2	42.0	53.4	12.3	0.6	0.0	0.0	0.0	71.3	339.1	223.1	77.9	13.8	1.8	0.1	
40	REDMTN40	4	3	45.6	35.6	9.0	0.7	0.2	0.0	0.0	71.8	322.1	215.6	81.2	15.3	2.0	0.1	
6	SNOWCAN6	1	2	53.7	54.7	53.2	7.6	0.2	0.0	0.0	72.3	346.5	256.2	76.3	14.0	2.4	0.1	
6	SNOWCAN6	1	3	44.2	53.9	50.7	0.4	0.0	0.0	0.0	70.7	338.4	259.4	72.0	13.4	1.9	0.1	
6	SNOWCAN6	1	4	39.7	53.4	12.3	0.7	0.0	0.0	0.0	70.9	322.6	220.1	73.0	13.6	1.8	0.1	
6	SNOWCAN6	1	5	43.1	53.5	11.7	0.6	0.0	0.0	0.0	71.5	339.0	215.9	77.0	13.8	1.8	0.1	
6	SNOWCAN6	1	6	46.8	34.6	9.0	0.8	0.2	0.0	0.0	71.9	319.7	214.2	80.7	15.6	2.0	0.1	
6	SNOWCAN6	2	2	50.8	58.7	55.7	8.9	0.5	0.0	0.0	73.0	332.0	245.8	76.9	7.7	2.5	0.1	
6	SNOWCAN6	2	3	51.9	57.0	53.9	1.7	0.7	0.0	0.0	71.9	326.4	245.4	63.8	10.3	1.8	0.1	
6	SNOWCAN6	2	4	52.8	54.9	35.9	1.6	0.8	0.0	0.0	71.4	323.1	222.7	64.9	13.7	1.7	0.1	
6	SNOWCAN6	2	5	56.2	54.4	13.1	1.6	0.8	0.4	0.0	72.2	320.1	197.1	63.1	14.0	2.1	0.1	
6	SNOWCAN6	2	6	60.4	40.7	9.9	1.7	0.8	0.0	0.0	71.8	295.4	195.4	67.1	14.3	1.8	0.1	
Sand Hollow SP																		
48	SANHLW48	1	2	63.9	59.4	57.4	7.0	2.5	0.4	0.0	71.3	332.6	219.3	54.0	11.5	1.9	0.6	
48	SANHLW48	1	3	65.7	59.4	57.3	8.6	3.6	1.3	0.1	72.2	321.4	211.6	54.3	12.5	2.6	0.7	
48	SANHLW48	1	4	63.6	61.5	57.6	13.6	5.9	0.8	0.0	72.0	307.2	212.6	56.7	14.8	2.1	0.6	
48	SANHLW48	2	1	62.6	56.1	17.6	4.9	3.8	0.6	0.0	72.7	332.0	205.8	58.5	11.2	2.2	0.4	
48	SANHLW48	2	2	61.1	57.1	19.9	5.5	0.9	0.1	0.0	71.5	331.7	187.7	50.7	9.8	1.3	0.4	
48	SANHLW48	2	3	64.6	57.3	50.5	7.0	2.8	1.1	0.0	71.5	323.7	210.2	52.3	12.0	2.4	0.6	
48	SANHLW48	2	4	63.2	60.1	50.3	9.8	3.8	0.2	0.0	72.1	320.0	207.7	54.8	13.5	1.5	0.6	
48	SANHLW48	3	1	60.9	55.6	17.1	4.4	2.4	0.3	0.0	73.3	325.8	209.6	56.8	13.9	1.8	0.4	
48	SANHLW48	3	2	62.3	56.3	16.8	5.0	0.9	0.0	0.0	72.7	323.0	201.1	52.7	9.0	1.5	0.5	
48	SANHLW48	3	3	62.7	56.3	20.5	5.1	2.3	0.3	0.0	71.0	327.5	188.6	52.0	11.7	1.5	0.5	
48	SANHLW48	3	4	61.8	57.8	20.6	7.6	3.1	0.2	0.0	71.1	324.7	175.6	56.2	12.4	1.3	0.6	
48	SANHLW48	3	5	60.8	59.3	22.4	11.6	4.6	0.6	0.0	71.9	299.3	177.6	59.2	13.8	1.9	0.6	
48	SANHLW48	4	1	60.1	30.6	12.4	4.2	1.7	0.1	0.0	73.1	297.3	203.9	64.9	14.3	1.6	0.4	
48	SANHLW48	4	2	61.3	53.0	15.9	3.6	0.7	0.0	0.0	73.3	315.0	201.4	59.9	12.3	1.5	0.4	
48	SANHLW48	4	3	61.3	55.9	19.0	4.3	2.4	0.1	0.0	72.1	322.0	197.3	54.5	11.1	1.6	0.5	
48	SANHLW48	4	4	60.8	56.1	20.2	7.1	2.7	0.1	0.0	70.3	319.6	181.8	55.2	12.0	1.4	0.5	
48	SANHLW48	4	5	60.5	57.7	20.5	8.9	3.3	0.2	0.0	71.1	315.0	175.1	56.6	12.6	1.4	0.6	
48	SANHLW48	5	2	60.0	21.9	11.2	3.3	0.3	0.0	0.0	73.3	276.9	198.7	61.4	13.0	1.7	0.4	
48	SANHLW48	5	3	60.7	21.6	13.4	2.9	2.2	0.1	0.0	73.0	279.8	187.1	58.7	10.1	1.7	0.5	
Snow Canyon SP																		
6	SNOWCAN6	2	2	50.8	58.7	55.7	8.9	0.5	0.0	0.0	73.0	332.0	245.8	76.9	7.7	2.5	0.1	
6	SNOWCAN6	2	3	51.9	57.0	53.9	1.7	0.7	0.0	0.0	71.9	326.4	245.4	63.8	10.3	1.8	0.1	
6	SNOWCAN6	2	4	52.8	54.9	35.9	1.6	0.8	0.0	0.0	71.4	323.1	222.7	64.9	13.7	1.7	0.1	
6	SNOWCAN6	2	5	56.2	54.4	13.1	1.6	0.8	0.4	0.0	72.2	320.1	197.1	63.1	14.0	2.1	0.1	
6	SNOWCAN6	3	1	56.9	76.1	72.6	56.6	3.3	0.0	0.0	72.8	341.8	249.1	106.4	9.5	2.5	0.2	
6	SNOWCAN6	3	2	57.3	67.9	58.2	12.4	1.4	0.3	0.0	73.4	324.0	233.3	63.7	7.7	2.1	0.1	
6	SNOWCAN6	3	3	62.1	58.1	56.6	4.4	1.3	0.1	0.0	72.7	315.0	241.4	59.9	7.8	2.0	0.1	
6	SNOWCAN6	3	4	67.3	56.7	37.7	4.3	1.3	0.1	0.0	71.6	314.2	216.1	59.6	10.6	1.8	0.1	
6	SNOWCAN6	3	5	66.4	56.3	14.4	3.9	1.1	0.1	0.0	71.0	320.4	184.6	57.7	14.3	1.6	0.1	
Spring Creek Canyon WSA																		
37	SORING37	1	1	58.0	16.8	16.3	10.5	7.3	1.3	0.0								

Table S.2003-5
Number of Events Above LAmax Thresholds 2003
St. George Municipal Airport EIS

Grid Group #	Grid Group Name	Column in Grid Group	Row in Grid Group	LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above LAmax Thresholds with Existing Airport 2003						LA(max) 2003 w/ Existing Airport	Number of Events Per Average Day Above LAmax Thresholds with Cumulative Conditions 2003					
					20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA		20 dBA	25 dBA	35 dBA	45 dBA	55 dBA	65 dBA
37	SORING37	4	2	42.8	14.3	9.1	0.1	0.0	0.0	0.0	71.0	194.0	144.1	41.5	7.8	1.4	0.2
37	SORING37	4	3	45.0	14.3	9.6	0.6	0.0	0.0	0.0	70.8	194.4	141.2	40.3	8.2	1.4	0.1
Tunnel Spring WSA																	
43	TUNEL43	1	1	18.5	0.0	0.0	0.0	0.0	0.0	0.0	70.6	90.2	41.9	10.0	2.1	0.1	0.0
43	TUNEL43	1	2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	70.5	84.2	32.0	9.7	2.2	0.1	0.0
43	TUNEL43	2	1	19.5	0.0	0.0	0.0	0.0	0.0	0.0	70.6	102.5	43.5	10.2	2.4	0.2	0.0
43	TUNEL43	2	2	19.3	0.0	0.0	0.0	0.0	0.0	0.0	70.7	92.9	42.1	9.6	2.4	0.2	0.0
43	TUNEL43	2	3	18.8	0.0	0.0	0.0	0.0	0.0	0.0	70.7	83.6	32.9	9.1	2.2	0.2	0.0
43	TUNEL43	3	1	20.8	0.0	0.0	0.0	0.0	0.0	0.0	70.7	104.5	46.0	9.9	2.4	0.2	0.0
43	TUNEL43	3	2	20.5	0.0	0.0	0.0	0.0	0.0	0.0	70.4	103.4	46.6	9.4	2.2	0.2	0.0
43	TUNEL43	3	3	20.0	0.0	0.0	0.0	0.0	0.0	0.0	70.7	94.7	41.4	9.1	2.1	0.2	0.0
*Little Black Mountain Petroglyph Site (TA 20.0)																	
18	NEWGRID5	1	1	63.3	58.9	54.1	2.1	1.0	0.3	0.0	72.4	375.8	256.2	60.9	9.6	2.9	0.6