

Attachment 1
LAX SPECIFIC PLAN AMENDMENT STUDY
Final EIR

**Data for the LAWA Staff-Recommended
Alternative**

January 2013

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Attachments

Attachment 1A Air Quality Data for the LAWA Staff-Recommended Alternative

Attachment 1B Greenhouse Gas Emissions Data for the LAWA Staff-Recommended Alternative

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**Attachment 1A
Air Quality Data for the
LAWA Staff-Recommended Alternative**

Attachment 1A

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Table 1
LAX SPAS
 Construction Emissions by Area and Project Total

Area	Staff-Recommended Alternative (SRA)					
	Emissions (tons)					
	CO	ROC	NOx	SO2	PM10	PM2.5
West Employee Parking Structure [12,000 Spaces]	0	0	0	0	0	0
Intermodal Center [7,000 Pkg Spaces]	7	1	22	0	12	2
Southeast Surface Parking	18	4	47	0	22	3
Demo CTA Parking Structures	0	0	0	0	0	0
RAC Consolidated Center	59	12	164	0	66	10
CTA Landside Terminals	0	0	0	0	0	0
People Mover - CTA to IMC, RAC & GTC	46	7	133	0	24	5
Ground Transportation Center (GTC)	0	0	0	0	0	0
Offsite Utilities	28	6	63	0	29	5
Offsite Roadway Improvements	59	11	157	0	57	9
GTC to IMC Roadways & Century Bridge	14	3	38	0	15	2
N Airfield Ancillary Facs - Police Sta, Med Bldg	46	8	131	0	65	9
North CTA Concourses	14	3	36	0	12	2
North CTA Aprons & Taxiways	15	3	39	0	31	4
Rework Fuel Farm	19	3	53	0	12	2
Runway 24L & South Parallel Taxiways	191	38	480	1	366	47
Center Taxiway for 24 L-4	139	28	348	0	252	33
Support	593	130	1,328	1	450	83
Program Total (tons)	1,249	258	3,038	3.49	1,411	217
Ratio of Emissions to Alt 3	0.81	0.85	0.77	0.80	0.87	0.85
Ratio of Emissions to Alt D	0.51	0.55	0.47	0.50	0.51	0.52
Program Peak Day Estimate (lbs/day) = 2 x avg day emissions	1,514	313	3,683	4.23	1,711	263
Airside	1,233	259	2,926	3.41	1,441	219
Landside	281	54	757	0.82	270	44

Notes:

- 1) SRA emissions scaled to Alt D based by cost and land area ratios provided in planning document "LAX SPAS activities 31 October 21 Alt D based on Alternative D Construction Schedule version 21 May 2003.
- 2) PM10 emissions include fugitive and combustion PM10.
- 3) Mitigation: DPFs on select diesel equipment. Watering (50% reduction) for fugitive PM10.

Construction duration (years) = 11 2000 lbs/ton
 Construction activity (days/year) = 300 453.59 g/lb
 Construction work hours (hours/day) = 10

**LAX SPAS
Construction Emissions**

Table 2

Staff-Recommended Alternative (SRA)	Total Construction Emissions (tons)						Construction Emission Rate (g/s)					
	CO	ROC	NOx	SO2	PM10	PM25	CO	ROC	NOx	SO2	PM10	PM25
ITF	7.5	1.3	21.5	0.0	11.6	1.6	0.06	0.01	0.16	0.00	0.09	0.01
Manchester Square (with Avis)	18.2	4.1	47.4	0.1	21.6	3.3	0.14	0.03	0.36	0.00	0.16	0.03
Smaller ConRAC at Manchester Square	58.7	11.8	164.1	0.2	65.8	10.2	0.45	0.09	1.25	0.00	0.50	0.08
APM	45.5	7.2	132.9	0.1	23.9	5.2	0.35	0.05	1.01	0.00	0.18	0.04
Offsite Utilities	27.7	6.1	63.3	0.1	28.6	4.7	0.21	0.05	0.48	0.00	0.22	0.04
Offsite Roadway Improvements	59.4	11.3	157.3	0.2	56.7	9.2	0.45	0.09	1.20	0.00	0.43	0.07
96th St Bridge/Sky Way realignment	14.5	2.8	37.8	0.0	14.5	2.3	0.11	0.02	0.29	0.00	0.11	0.02
CTA Concourse & Airside Improvements	75.2	13.9	205.7	0.2	108.2	15.2	0.57	0.11	1.57	0.00	0.83	0.12
North Airfield Improvements	348.9	70.0	880.3	1.1	630.5	82.8	2.66	0.53	6.72	0.01	4.81	0.63
Batch Plants & Rock Crusher	593.4	129.6	1328.0	1.5	449.8	82.5	4.53	0.99	10.14	0.01	3.43	0.63

years of construction = 11
 work days / year* = 300
 work hours / work day = 10
 pounds/ton = 2000
 grams/pound = 453.59
 seconds/hour = 3600
 *6 work days/week, ~12 holidays/year

Table 3
LAX SPAS
Staff-Recommended Alternative (SRA)
Construction Concentrations

		Maximum 1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
		CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
On-Airport		369.54	NA	480.64	1.07	NA	NA	336.66
Fenceline		654.35	NA	1015.72	1.69	NA	NA	836.58
		1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
367379	755396	421.09	NA	837.54	1.09	NA	NA	684.25
367032	756191	632.78	NA	971.63	1.64	NA	NA	748.62
369791	758318	219.54	NA	475.43	0.60	NA	NA	148.19
369881	758318	218.07	NA	475.22	0.60	NA	NA	139.32
369972	758318	210.26	NA	458.66	0.58	NA	NA	140.24
370062	758318	197.68	NA	431.48	0.55	NA	NA	148.09
370153	758318	205.60	NA	447.48	0.57	NA	NA	160.13
370243	758318	214.21	NA	466.09	0.59	NA	NA	155.29
370247	758254	226.01	NA	491.91	0.62	NA	NA	161.08
370250	758189	234.57	NA	511.06	0.65	NA	NA	170.51
370308	758196	233.13	NA	508.90	0.64	NA	NA	169.33
370361	758236	227.93	NA	494.07	0.63	NA	NA	156.95
366993	756279	585.46	NA	897.35	1.52	NA	NA	784.09
370415	758275	221.93	NA	481.05	0.61	NA	NA	146.12
370408	758347	214.36	NA	464.34	0.59	NA	NA	129.82
370490	758344	212.53	NA	461.95	0.59	NA	NA	131.03
370572	758341	206.99	NA	452.39	0.57	NA	NA	133.57
370654	758338	201.24	NA	443.03	0.56	NA	NA	138.56
370735	758335	193.77	NA	426.95	0.54	NA	NA	138.40
370817	758333	187.52	NA	411.00	0.53	NA	NA	130.08
370814	758243	206.35	NA	449.02	0.58	NA	NA	142.41
370810	758153	224.45	NA	488.89	0.63	NA	NA	159.39
370807	758063	241.21	NA	527.83	0.68	NA	NA	189.45
366954	756367	647.05	NA	981.29	1.68	NA	NA	803.35
370803	757974	255.48	NA	555.68	0.72	NA	NA	239.40
370835	757927	257.62	NA	557.55	0.73	NA	NA	243.76
370868	757880	259.24	NA	562.38	0.74	NA	NA	240.20
370921	757884	253.35	NA	542.62	0.72	NA	NA	232.73
370975	757887	247.62	NA	527.70	0.71	NA	NA	225.54
370975	757794	248.03	NA	524.23	0.72	NA	NA	242.78
371026	757794	240.00	NA	504.23	0.70	NA	NA	231.48
371076	757877	236.22	NA	497.17	0.68	NA	NA	213.79
371126	757959	230.27	NA	484.61	0.66	NA	NA	191.66
371119	758031	226.90	NA	479.72	0.64	NA	NA	183.71
366916	756456	635.50	NA	982.58	1.66	NA	NA	774.93
371183	758027	222.26	NA	471.37	0.63	NA	NA	174.21
371248	758024	216.48	NA	459.21	0.62	NA	NA	169.68
371326	758075	207.74	NA	442.24	0.59	NA	NA	163.92
371404	758127	198.35	NA	423.01	0.57	NA	NA	149.49
371481	758178	189.21	NA	406.38	0.54	NA	NA	150.89
371559	758230	184.06	NA	410.00	0.53	NA	NA	138.34
371637	758281	178.62	NA	402.19	0.51	NA	NA	141.80
371715	758333	169.98	NA	381.99	0.48	NA	NA	128.47
371769	758261	166.98	NA	378.19	0.48	NA	NA	126.92
371822	758189	160.65	NA	366.75	0.47	NA	NA	129.87
366877	756544	518.86	NA	1012.33	1.37	NA	NA	745.47

X (m)	Y (m)	1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
		CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
371894	758160	155.14	NA	356.30	0.45	NA	NA	132.39
371894	758081	166.22	NA	380.23	0.48	NA	NA	139.26
371959	758074	167.38	NA	379.53	0.48	NA	NA	141.80
371953	757977	172.64	NA	393.58	0.50	NA	NA	144.23
371948	757880	177.50	NA	403.85	0.51	NA	NA	140.28
371943	757783	184.24	NA	414.12	0.52	NA	NA	154.43
372016	757794	179.45	NA	404.69	0.51	NA	NA	161.08
372102	757791	178.54	NA	394.74	0.51	NA	NA	164.22
372178	757760	179.48	NA	404.62	0.51	NA	NA	167.67
372177	757670	184.15	NA	404.93	0.52	NA	NA	182.99
366839	756632	507.27	NA	988.50	1.35	NA	NA	681.74
372176	757579	186.60	NA	391.85	0.53	NA	NA	196.30
372174	757489	200.81	NA	411.61	0.57	NA	NA	220.42
372173	757398	218.93	NA	457.12	0.63	NA	NA	244.81
372171	757308	236.26	NA	521.27	0.69	NA	NA	282.89
372055	757309	251.77	NA	488.45	0.73	NA	NA	278.32
372055	757363	239.62	NA	476.61	0.69	NA	NA	255.64
372055	757416	226.46	NA	455.37	0.65	NA	NA	236.37
371952	757442	226.98	NA	444.20	0.65	NA	NA	223.55
371950	757345	264.88	NA	498.25	0.76	NA	NA	262.72
371864	757344	272.03	NA	462.44	0.78	NA	NA	231.11
366800	756720	481.33	NA	1015.72	1.30	NA	NA	641.59
371790	757347	278.23	NA	448.56	0.80	NA	NA	215.85
371708	757356	283.31	NA	453.00	0.81	NA	NA	206.87
371615	757356	296.48	NA	455.08	0.85	NA	NA	207.23
371523	757356	310.73	NA	473.27	0.89	NA	NA	206.56
371430	757356	329.69	NA	512.84	0.94	NA	NA	201.85
371338	757356	351.09	NA	580.59	1.01	NA	NA	212.47
371245	757356	372.55	NA	706.00	1.07	NA	NA	224.51
371153	757356	393.27	NA	744.99	1.13	NA	NA	244.45
371061	757356	404.69	NA	806.28	1.17	NA	NA	299.18
371005	757357	413.48	NA	834.15	1.20	NA	NA	329.57
366762	756809	477.45	NA	1014.21	1.30	NA	NA	610.78
370998	757293	455.41	NA	885.98	1.31	NA	NA	363.31
370998	757194	503.09	NA	795.57	1.44	NA	NA	418.68
370998	757096	487.78	NA	795.63	1.40	NA	NA	463.84
370998	756998	555.08	NA	783.72	1.64	NA	NA	501.51
371057	756997	549.92	NA	761.36	1.63	NA	NA	477.78
371153	756997	531.75	NA	747.65	1.58	NA	NA	446.43
371249	756997	515.63	NA	740.00	1.53	NA	NA	431.53
371345	756997	501.35	NA	739.24	1.49	NA	NA	436.08
371440	756997	489.55	NA	724.40	1.46	NA	NA	445.24
371536	756997	477.21	NA	721.86	1.42	NA	NA	444.89
366723	756897	446.45	NA	951.33	1.22	NA	NA	620.10
371632	756997	464.33	NA	723.95	1.38	NA	NA	451.64
371728	756997	456.08	NA	707.59	1.36	NA	NA	453.68
371824	756997	445.89	NA	703.43	1.33	NA	NA	451.16
371920	756997	434.65	NA	703.04	1.30	NA	NA	453.10
372016	756997	422.46	NA	699.10	1.26	NA	NA	455.62
372111	756997	408.91	NA	692.40	1.22	NA	NA	449.64
372207	756997	400.62	NA	681.90	1.19	NA	NA	449.08
372303	756997	391.15	NA	686.47	1.17	NA	NA	447.74
372399	756997	377.73	NA	700.44	1.13	NA	NA	458.92
372495	756997	351.78	NA	721.61	1.05	NA	NA	463.47
366685	756985	438.35	NA	933.72	1.20	NA	NA	555.49
372591	756997	354.15	NA	772.09	1.06	NA	NA	478.68
372610	757063	337.41	NA	733.04	1.00	NA	NA	482.61

X (m)	Y (m)	1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
		CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
372612	757132	398.55	NA	733.86	1.16	NA	NA	517.02
372614	757201	338.07	NA	735.46	0.99	NA	NA	438.90
372616	757270	271.26	NA	645.98	0.80	NA	NA	380.86
372627	757351	234.30	NA	556.36	0.69	NA	NA	336.52
372651	757422	220.26	NA	521.81	0.65	NA	NA	322.02
372676	757494	210.77	NA	497.85	0.62	NA	NA	306.96
372704	757569	203.86	NA	479.31	0.59	NA	NA	303.00
372733	757645	202.47	NA	475.73	0.59	NA	NA	292.32
367340	755485	476.17	NA	947.72	1.23	NA	NA	753.67
366646	757074	419.42	NA	896.50	1.15	NA	NA	586.05
372746	757702	206.80	NA	485.16	0.60	NA	NA	291.67
372746	757768	204.66	NA	478.67	0.59	NA	NA	271.33
372807	757781	223.32	NA	520.48	0.65	NA	NA	282.43
372901	757782	226.71	NA	511.94	0.66	NA	NA	280.20
372994	757783	216.87	NA	494.79	0.63	NA	NA	250.54
373087	757783	200.78	NA	459.51	0.59	NA	NA	223.30
373180	757784	179.07	NA	403.09	0.52	NA	NA	197.39
373274	757785	184.37	NA	395.37	0.54	NA	NA	182.11
373367	757786	186.87	NA	397.62	0.55	NA	NA	180.15
373418	757742	170.91	NA	382.61	0.50	NA	NA	166.74
366607	757162	404.50	NA	866.94	1.12	NA	NA	514.70
373418	757653	165.01	NA	379.02	0.48	NA	NA	172.69
373419	757564	156.77	NA	363.84	0.46	NA	NA	195.15
373419	757475	156.74	NA	363.99	0.46	NA	NA	194.93
373420	757386	162.05	NA	382.24	0.48	NA	NA	201.48
373420	757297	165.07	NA	389.13	0.49	NA	NA	196.45
373421	757207	171.14	NA	389.80	0.51	NA	NA	195.83
373421	757118	187.41	NA	412.79	0.56	NA	NA	183.48
373292	757117	220.39	NA	463.36	0.66	NA	NA	236.47
373213	757118	229.15	NA	472.15	0.68	NA	NA	245.49
373158	757066	246.70	NA	485.57	0.73	NA	NA	252.80
366569	757250	394.55	NA	843.53	1.09	NA	NA	456.61
373084	757026	264.87	NA	495.64	0.79	NA	NA	259.72
373009	757011	271.32	NA	509.88	0.81	NA	NA	270.83
372922	757009	271.96	NA	521.10	0.81	NA	NA	297.51
372835	757007	280.90	NA	563.57	0.83	NA	NA	324.49
372747	757006	297.42	NA	634.12	0.88	NA	NA	362.77
372660	757004	346.31	NA	712.28	1.03	NA	NA	437.81
372651	757063	349.97	NA	740.97	1.04	NA	NA	514.28
372629	756931	354.90	NA	534.59	1.07	NA	NA	369.55
372631	756857	265.63	NA	479.55	0.79	NA	NA	304.79
372634	756783	233.66	NA	441.35	0.70	NA	NA	261.09
366530	757338	407.71	NA	865.62	1.13	NA	NA	424.94
372702	756778	228.88	NA	397.96	0.68	NA	NA	239.41
372756	756775	224.53	NA	383.78	0.67	NA	NA	219.37
372729	756712	207.44	NA	365.91	0.62	NA	NA	213.21
372703	756650	191.20	NA	351.81	0.57	NA	NA	197.27
372677	756588	174.85	NA	330.21	0.52	NA	NA	186.66
372619	756588	176.13	NA	356.62	0.52	NA	NA	201.83
372622	756509	159.61	NA	330.12	0.48	NA	NA	181.92
372700	756511	157.58	NA	303.25	0.47	NA	NA	169.91
372789	756510	151.25	NA	295.84	0.45	NA	NA	156.61
372871	756509	147.77	NA	291.31	0.44	NA	NA	153.84
366492	757427	399.77	NA	860.20	1.11	NA	NA	386.91
372871	756437	139.91	NA	271.36	0.41	NA	NA	141.73
372970	756437	144.96	NA	295.60	0.43	NA	NA	125.62
373069	756437	153.14	NA	324.84	0.45	NA	NA	110.91

X (m)	Y (m)	1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
		CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
373168	756437	154.80	NA	330.19	0.46	NA	NA	97.08
373267	756437	148.95	NA	321.79	0.44	NA	NA	77.07
373412	756437	136.08	NA	316.59	0.40	NA	NA	81.80
373409	756339	136.32	NA	255.78	0.40	NA	NA	70.48
373406	756240	137.38	NA	240.63	0.40	NA	NA	61.40
373403	756142	137.69	NA	235.23	0.40	NA	NA	54.65
373400	756042	137.43	NA	239.38	0.40	NA	NA	51.38
366453	757515	370.66	NA	795.68	1.02	NA	NA	327.04
373397	755944	136.68	NA	276.93	0.39	NA	NA	47.73
373393	755846	139.73	NA	304.53	0.40	NA	NA	46.12
373390	755747	143.56	NA	314.81	0.41	NA	NA	41.43
373309	755744	147.17	NA	306.44	0.42	NA	NA	43.79
373229	755743	148.19	NA	311.02	0.42	NA	NA	53.60
373143	755741	146.31	NA	307.66	0.41	NA	NA	55.92
373143	755823	146.21	NA	299.73	0.42	NA	NA	56.96
373143	755906	143.87	NA	280.13	0.41	NA	NA	60.89
373065	755906	141.36	NA	288.44	0.40	NA	NA	61.48
373065	755827	142.71	NA	297.98	0.40	NA	NA	59.33
366415	757603	330.42	NA	707.43	0.91	NA	NA	301.85
373068	755733	143.15	NA	301.49	0.40	NA	NA	56.10
373007	755733	143.97	NA	295.65	0.41	NA	NA	58.28
372941	755733	145.72	NA	288.86	0.41	NA	NA	56.57
372941	755636	144.90	NA	223.37	0.41	NA	NA	53.01
372941	755539	140.45	NA	201.70	0.39	NA	NA	50.40
372941	755442	132.98	NA	187.38	0.37	NA	NA	47.54
372913	755342	122.95	NA	195.20	0.35	NA	NA	45.32
372817	755346	123.23	NA	174.80	0.35	NA	NA	37.44
372720	755349	125.28	NA	192.64	0.35	NA	NA	39.28
372624	755352	124.94	NA	241.04	0.35	NA	NA	54.52
366376	757692	298.68	NA	638.94	0.82	NA	NA	246.88
372527	755349	123.10	NA	274.33	0.35	NA	NA	70.26
372431	755353	124.45	NA	279.31	0.35	NA	NA	83.09
372334	755356	126.58	NA	284.55	0.36	NA	NA	87.77
372237	755359	128.43	NA	289.15	0.36	NA	NA	93.93
372141	755362	133.86	NA	302.28	0.38	NA	NA	100.21
372044	755366	139.49	NA	314.76	0.40	NA	NA	103.24
371948	755369	142.09	NA	319.90	0.40	NA	NA	104.24
371851	755372	141.89	NA	318.19	0.40	NA	NA	102.83
371755	755375	142.18	NA	317.72	0.40	NA	NA	103.27
371658	755378	141.01	NA	313.73	0.39	NA	NA	104.88
366338	757780	272.92	NA	584.49	0.75	NA	NA	213.72
371562	755382	144.00	NA	319.88	0.40	NA	NA	109.87
371465	755385	149.63	NA	332.36	0.42	NA	NA	117.61
371368	755388	153.83	NA	341.38	0.43	NA	NA	120.51
371272	755391	156.41	NA	346.48	0.43	NA	NA	125.29
371175	755395	155.69	NA	343.58	0.43	NA	NA	129.56
371079	755398	155.58	NA	342.12	0.43	NA	NA	141.37
371042	755478	157.21	NA	345.83	0.43	NA	NA	146.77
371009	755538	156.87	NA	345.31	0.43	NA	NA	147.71
370975	755597	157.12	NA	346.67	0.44	NA	NA	153.08
370925	755597	160.09	NA	352.80	0.44	NA	NA	155.96
366402	757746	277.76	NA	595.62	0.76	NA	NA	224.25
370860	755547	165.19	NA	362.95	0.45	NA	NA	156.14
370796	755497	169.39	NA	371.41	0.47	NA	NA	155.57
370733	755428	168.64	NA	369.35	0.46	NA	NA	147.20
370634	755428	172.15	NA	377.02	0.47	NA	NA	145.52
370536	755428	174.22	NA	381.51	0.48	NA	NA	146.23

X (m)	Y (m)	1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
		CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
370437	755428	177.73	NA	388.52	0.49	NA	NA	150.90
370338	755427	186.21	NA	405.69	0.51	NA	NA	153.70
370239	755427	194.40	NA	422.27	0.53	NA	NA	157.38
370138	755427	202.58	NA	438.83	0.55	NA	NA	155.00
370040	755427	208.75	NA	450.84	0.56	NA	NA	162.14
367301	755573	512.73	NA	924.08	1.32	NA	NA	773.66
366467	757713	281.80	NA	605.24	0.78	NA	NA	230.46
369941	755426	220.86	NA	474.49	0.59	NA	NA	163.11
369842	755426	235.07	NA	501.99	0.63	NA	NA	160.92
369741	755435	252.67	NA	538.18	0.67	NA	NA	164.68
369643	755434	272.01	NA	578.03	0.72	NA	NA	164.65
369544	755434	288.86	NA	612.18	0.76	NA	NA	171.23
369445	755434	302.48	NA	639.54	0.80	NA	NA	183.35
369346	755434	311.25	NA	657.30	0.82	NA	NA	192.29
369249	755442	315.03	NA	665.22	0.83	NA	NA	212.72
369151	755442	305.64	NA	646.22	0.81	NA	NA	236.03
369052	755442	286.61	NA	607.35	0.76	NA	NA	239.02
366531	757679	285.96	NA	615.17	0.79	NA	NA	248.49
368953	755441	299.13	NA	631.83	0.79	NA	NA	219.60
368854	755441	335.06	NA	704.97	0.88	NA	NA	246.90
368755	755441	356.83	NA	749.45	0.94	NA	NA	271.75
368657	755441	352.53	NA	741.07	0.92	NA	NA	296.93
368558	755440	367.26	NA	750.98	0.96	NA	NA	302.45
368459	755440	382.75	NA	801.43	1.00	NA	NA	351.57
368360	755440	368.89	NA	772.79	0.96	NA	NA	412.77
368262	755439	378.26	NA	781.61	0.99	NA	NA	522.14
368186	755427	466.79	NA	810.06	1.21	NA	NA	466.00
368111	755414	496.96	NA	793.60	1.28	NA	NA	437.57
366567	757773	239.64	NA	518.97	0.67	NA	NA	227.53
368035	755402	501.04	NA	750.47	1.29	NA	NA	511.87
367960	755389	495.80	NA	901.50	1.28	NA	NA	546.71
367863	755390	435.34	NA	903.52	1.13	NA	NA	541.30
367766	755392	358.79	NA	748.56	0.93	NA	NA	600.18
367669	755393	369.13	NA	768.93	0.96	NA	NA	609.11
367572	755394	436.40	NA	894.75	1.13	NA	NA	667.34
367475	755395	455.80	NA	839.02	1.18	NA	NA	685.68
366625	757758	251.92	NA	544.57	0.70	NA	NA	227.30
366682	757744	262.33	NA	566.40	0.73	NA	NA	226.97
366768	757788	310.54	NA	662.13	0.84	NA	NA	191.03
366854	757833	333.93	NA	709.42	0.90	NA	NA	180.62
366941	757877	323.34	NA	687.96	0.87	NA	NA	171.42
367027	757922	289.16	NA	618.29	0.78	NA	NA	160.03
367113	757966	247.38	NA	532.70	0.68	NA	NA	154.45
367263	755661	496.76	NA	926.66	1.28	NA	NA	810.96
367192	757916	242.94	NA	526.03	0.67	NA	NA	165.04
367264	757916	224.29	NA	488.66	0.62	NA	NA	165.13
367335	757916	208.87	NA	457.77	0.59	NA	NA	166.33
367343	757966	193.18	NA	424.10	0.54	NA	NA	156.05
367404	757995	174.80	NA	385.94	0.49	NA	NA	152.34
367465	758024	159.26	NA	354.34	0.45	NA	NA	150.84
367504	757948	170.75	NA	379.92	0.49	NA	NA	161.31
367544	757873	185.22	NA	412.74	0.53	NA	NA	179.39
367587	757909	168.03	NA	376.50	0.49	NA	NA	172.43
367623	757866	174.28	NA	391.34	0.50	NA	NA	182.91
367224	755749	517.17	NA	938.31	1.34	NA	NA	836.58
367694	757866	162.89	NA	368.61	0.48	NA	NA	183.97
367716	757927	145.67	NA	331.88	0.43	NA	NA	174.18

X (m)	Y (m)	1-Hour Concentrations, $\mu\text{g}/\text{m}^3$						
		CO	ROC	NO2	SO2	PM10	PM2.5	NO2 NAAQS
367737	757988	129.75	NA	297.57	0.39	NA	NA	167.91
367727	758067	118.64	NA	273.49	0.35	NA	NA	155.77
367716	758146	111.45	NA	257.75	0.33	NA	NA	144.47
367673	758189	109.56	NA	252.98	0.33	NA	NA	138.56
367723	758254	102.50	NA	237.65	0.30	NA	NA	127.08
367784	758221	106.84	NA	247.26	0.32	NA	NA	131.29
367845	758189	110.73	NA	255.97	0.33	NA	NA	136.32
367816	758096	116.96	NA	270.13	0.35	NA	NA	154.17
367186	755838	630.16	NA	915.24	1.62	NA	NA	824.98
367898	758066	121.04	NA	279.28	0.36	NA	NA	161.04
367980	758035	127.09	NA	292.50	0.38	NA	NA	168.42
368062	758005	139.17	NA	317.87	0.41	NA	NA	176.72
368144	757975	153.43	NA	347.82	0.45	NA	NA	184.72
368226	757945	169.23	NA	381.08	0.49	NA	NA	193.62
368301	757943	178.27	NA	399.71	0.51	NA	NA	197.50
368376	757941	187.27	NA	418.52	0.53	NA	NA	201.31
368452	757940	204.37	NA	453.79	0.58	NA	NA	204.73
368527	757938	219.84	NA	485.67	0.62	NA	NA	212.31
368563	757880	243.09	NA	535.48	0.68	NA	NA	226.48
367147	755926	640.10	NA	867.46	1.65	NA	NA	804.55
368636	757926	238.87	NA	525.10	0.67	NA	NA	216.90
368709	757971	234.36	NA	514.49	0.65	NA	NA	199.25
368782	758017	229.91	NA	504.88	0.64	NA	NA	186.02
368855	758062	223.37	NA	490.58	0.62	NA	NA	181.30
368928	758108	215.33	NA	473.36	0.60	NA	NA	176.14
369001	758153	206.26	NA	454.12	0.57	NA	NA	163.55
369058	758074	222.09	NA	488.42	0.62	NA	NA	185.04
369102	758103	221.85	NA	487.71	0.62	NA	NA	172.88
369145	758132	221.00	NA	485.56	0.61	NA	NA	163.91
369200	758065	239.65	NA	525.27	0.66	NA	NA	184.80
367109	756014	610.88	NA	865.66	1.58	NA	NA	787.63
369255	757998	253.00	NA	554.59	0.70	NA	NA	220.30
369310	757931	270.00	NA	569.81	0.75	NA	NA	267.42
369356	757981	260.49	NA	547.63	0.72	NA	NA	238.91
369403	758031	251.54	NA	526.15	0.70	NA	NA	213.80
369336	758100	235.62	NA	516.65	0.65	NA	NA	183.25
369269	758170	223.47	NA	489.84	0.62	NA	NA	155.07
369202	758239	204.34	NA	449.12	0.57	NA	NA	143.79
369264	758285	202.42	NA	444.58	0.56	NA	NA	139.87
369326	758330	200.35	NA	439.90	0.56	NA	NA	129.23
369389	758376	198.31	NA	435.47	0.55	NA	NA	130.28
367070	756103	654.35	NA	864.78	1.69	NA	NA	725.90
369389	758462	185.64	NA	408.40	0.51	NA	NA	117.82
369389	758548	171.96	NA	379.07	0.48	NA	NA	109.50
369389	758634	157.95	NA	348.99	0.44	NA	NA	101.06
369469	758630	164.98	NA	362.92	0.46	NA	NA	91.72
369549	758625	170.04	NA	372.96	0.47	NA	NA	95.27
369630	758621	172.13	NA	376.93	0.48	NA	NA	99.66
369710	758617	171.15	NA	374.53	0.47	NA	NA	101.69
369791	758613	167.21	NA	365.97	0.46	NA	NA	103.29
369791	758514	178.14	NA	389.93	0.49	NA	NA	119.97
369791	758416	200.27	NA	437.79	0.55	NA	NA	139.68
370400	756850	369.54	NA	480.64	1.07	NA	NA	336.66

Table 4
LAX SPAS
Staff-Recommended Alternative (SRA)
Construction Concentrations

		Maximum 24-Hour Concentrations, $\mu\text{g}/\text{m}^3$					
		CO	ROC	NO2	SO2	PM10	PM2.5
On-Airport		NA	NA	NA	0.07	26.49	4.00
Fenceline		NA	NA	NA	0.11	40.56	6.28
		24-Hour Concentrations, $\mu\text{g}/\text{m}^3$					
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
367379	755396	NA	NA	NA	0.06	21.80	3.73
367032	756191	NA	NA	NA	0.09	31.05	5.28
369791	758318	NA	NA	NA	0.03	10.76	1.67
369881	758318	NA	NA	NA	0.03	10.67	1.65
369972	758318	NA	NA	NA	0.03	10.29	1.60
370062	758318	NA	NA	NA	0.02	9.80	1.52
370153	758318	NA	NA	NA	0.03	10.26	1.60
370243	758318	NA	NA	NA	0.03	10.64	1.66
370247	758254	NA	NA	NA	0.03	11.31	1.76
370250	758189	NA	NA	NA	0.03	11.90	1.84
370308	758196	NA	NA	NA	0.03	11.90	1.84
370361	758236	NA	NA	NA	0.03	11.58	1.79
366993	756279	NA	NA	NA	0.09	31.14	5.25
370415	758275	NA	NA	NA	0.03	11.23	1.73
370408	758347	NA	NA	NA	0.03	10.66	1.65
370490	758344	NA	NA	NA	0.03	10.66	1.65
370572	758341	NA	NA	NA	0.03	10.52	1.62
370654	758338	NA	NA	NA	0.03	10.41	1.59
370735	758335	NA	NA	NA	0.02	10.23	1.55
370817	758333	NA	NA	NA	0.02	10.27	1.56
370814	758243	NA	NA	NA	0.03	11.24	1.71
370810	758153	NA	NA	NA	0.03	12.29	1.87
370807	758063	NA	NA	NA	0.03	13.41	2.03
366954	756367	NA	NA	NA	0.09	30.36	5.07
370803	757974	NA	NA	NA	0.03	14.58	2.19
370835	757927	NA	NA	NA	0.03	14.84	2.22
370868	757880	NA	NA	NA	0.04	15.29	2.27
370921	757884	NA	NA	NA	0.03	14.96	2.22
370975	757887	NA	NA	NA	0.03	14.64	2.17
370975	757794	NA	NA	NA	0.04	15.44	2.27
371026	757794	NA	NA	NA	0.03	14.94	2.20
371076	757877	NA	NA	NA	0.03	14.10	2.09
371126	757959	NA	NA	NA	0.03	13.30	1.98
371119	758031	NA	NA	NA	0.03	12.68	1.91
366916	756456	NA	NA	NA	0.08	28.48	4.66
371183	758027	NA	NA	NA	0.03	12.53	1.88
371248	758024	NA	NA	NA	0.03	12.30	1.84
371326	758075	NA	NA	NA	0.03	11.64	1.75
371404	758127	NA	NA	NA	0.03	10.99	1.65
371481	758178	NA	NA	NA	0.03	10.46	1.58
371559	758230	NA	NA	NA	0.02	10.15	1.54
371637	758281	NA	NA	NA	0.02	9.82	1.49
371715	758333	NA	NA	NA	0.02	9.45	1.43
371769	758261	NA	NA	NA	0.02	9.65	1.45
371822	758189	NA	NA	NA	0.02	9.72	1.45
366877	756544	NA	NA	NA	0.07	26.86	4.30

24-Hour Concentrations, µg/m³

X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
371894	758160	NA	NA	NA	0.02	9.67	1.44
371894	758081	NA	NA	NA	0.02	10.10	1.51
371959	758074	NA	NA	NA	0.02	10.04	1.51
371953	757977	NA	NA	NA	0.02	10.13	1.53
371948	757880	NA	NA	NA	0.03	9.99	1.53
371943	757783	NA	NA	NA	0.03	10.12	1.57
372016	757794	NA	NA	NA	0.03	9.87	1.53
372102	757791	NA	NA	NA	0.03	9.75	1.52
372178	757760	NA	NA	NA	0.03	9.81	1.53
372177	757670	NA	NA	NA	0.03	10.17	1.60
366839	756632	NA	NA	NA	0.07	25.86	4.07
372176	757579	NA	NA	NA	0.03	10.97	1.73
372174	757489	NA	NA	NA	0.03	11.96	1.89
372173	757398	NA	NA	NA	0.04	13.55	2.13
372171	757308	NA	NA	NA	0.04	15.04	2.37
372055	757309	NA	NA	NA	0.04	16.70	2.61
372055	757363	NA	NA	NA	0.04	15.22	2.37
372055	757416	NA	NA	NA	0.04	14.06	2.20
371952	757442	NA	NA	NA	0.04	13.95	2.17
371950	757345	NA	NA	NA	0.05	18.84	2.91
371864	757344	NA	NA	NA	0.05	19.42	3.00
366800	756720	NA	NA	NA	0.06	26.20	4.04
371790	757347	NA	NA	NA	0.05	19.40	2.99
371708	757356	NA	NA	NA	0.05	19.04	2.93
371615	757356	NA	NA	NA	0.05	19.78	3.04
371523	757356	NA	NA	NA	0.05	20.79	3.18
371430	757356	NA	NA	NA	0.05	21.85	3.33
371338	757356	NA	NA	NA	0.06	22.93	3.47
371245	757356	NA	NA	NA	0.06	24.09	3.63
371153	757356	NA	NA	NA	0.06	23.34	3.50
371061	757356	NA	NA	NA	0.06	25.37	3.76
371005	757357	NA	NA	NA	0.06	27.37	4.03
366762	756809	NA	NA	NA	0.06	25.90	3.95
370998	757293	NA	NA	NA	0.07	31.20	4.62
370998	757194	NA	NA	NA	0.09	35.34	5.49
370998	757096	NA	NA	NA	0.10	35.57	5.59
370998	756998	NA	NA	NA	0.11	40.56	6.28
371057	756997	NA	NA	NA	0.11	39.34	6.10
371153	756997	NA	NA	NA	0.10	37.69	5.85
371249	756997	NA	NA	NA	0.10	36.84	5.73
371345	756997	NA	NA	NA	0.10	36.16	5.63
371440	756997	NA	NA	NA	0.10	35.34	5.51
371536	756997	NA	NA	NA	0.10	34.56	5.41
366723	756897	NA	NA	NA	0.06	24.15	3.68
371632	756997	NA	NA	NA	0.10	33.80	5.30
371728	756997	NA	NA	NA	0.09	32.80	5.16
371824	756997	NA	NA	NA	0.09	31.63	4.99
371920	756997	NA	NA	NA	0.09	30.56	4.83
372016	756997	NA	NA	NA	0.09	30.10	4.77
372111	756997	NA	NA	NA	0.09	29.71	4.71
372207	756997	NA	NA	NA	0.09	29.56	4.68
372303	756997	NA	NA	NA	0.09	29.75	4.71
372399	756997	NA	NA	NA	0.09	29.59	4.69
372495	756997	NA	NA	NA	0.09	29.92	4.74
366685	756985	NA	NA	NA	0.06	23.49	3.59
372591	756997	NA	NA	NA	0.09	31.44	4.98
372610	757063	NA	NA	NA	0.07	25.97	4.12

24-Hour Concentrations, $\mu\text{g}/\text{m}^3$

X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
372612	757132	NA	NA	NA	0.08	27.72	4.51
372614	757201	NA	NA	NA	0.08	26.67	4.36
372616	757270	NA	NA	NA	0.06	20.02	3.18
372627	757351	NA	NA	NA	0.05	16.64	2.63
372651	757422	NA	NA	NA	0.04	15.12	2.38
372676	757494	NA	NA	NA	0.04	14.48	2.29
372704	757569	NA	NA	NA	0.04	14.61	2.30
372733	757645	NA	NA	NA	0.04	14.76	2.32
367340	755485	NA	NA	NA	0.08	26.04	4.50
366646	757074	NA	NA	NA	0.06	23.32	3.53
372746	757702	NA	NA	NA	0.04	14.74	2.32
372746	757768	NA	NA	NA	0.04	13.04	2.05
372807	757781	NA	NA	NA	0.04	14.97	2.35
372901	757782	NA	NA	NA	0.04	16.45	2.58
372994	757783	NA	NA	NA	0.04	15.48	2.43
373087	757783	NA	NA	NA	0.04	14.55	2.29
373180	757784	NA	NA	NA	0.04	14.41	2.26
373274	757785	NA	NA	NA	0.04	14.17	2.23
373367	757786	NA	NA	NA	0.04	13.96	2.19
373418	757742	NA	NA	NA	0.03	12.29	1.93
366607	757162	NA	NA	NA	0.05	21.79	3.29
373418	757653	NA	NA	NA	0.04	13.23	2.08
373419	757564	NA	NA	NA	0.04	13.25	2.08
373419	757475	NA	NA	NA	0.04	13.19	2.07
373420	757386	NA	NA	NA	0.04	13.17	2.05
373420	757297	NA	NA	NA	0.03	12.91	2.00
373421	757207	NA	NA	NA	0.03	12.44	1.91
373421	757118	NA	NA	NA	0.03	12.34	1.89
373292	757117	NA	NA	NA	0.04	14.15	2.18
373213	757118	NA	NA	NA	0.04	16.33	2.52
373158	757066	NA	NA	NA	0.04	16.33	2.52
366569	757250	NA	NA	NA	0.05	19.66	2.99
373084	757026	NA	NA	NA	0.05	17.63	2.72
373009	757011	NA	NA	NA	0.05	18.02	2.79
372922	757009	NA	NA	NA	0.05	19.74	3.07
372835	757007	NA	NA	NA	0.06	21.53	3.37
372747	757006	NA	NA	NA	0.07	23.92	3.75
372660	757004	NA	NA	NA	0.08	28.31	4.46
372651	757063	NA	NA	NA	0.08	28.19	4.46
372629	756931	NA	NA	NA	0.07	24.37	3.83
372631	756857	NA	NA	NA	0.05	18.62	2.90
372634	756783	NA	NA	NA	0.04	15.78	2.43
366530	757338	NA	NA	NA	0.05	19.53	2.98
372702	756778	NA	NA	NA	0.04	15.32	2.37
372756	756775	NA	NA	NA	0.04	15.28	2.36
372729	756712	NA	NA	NA	0.04	14.10	2.16
372703	756650	NA	NA	NA	0.03	13.20	2.00
372677	756588	NA	NA	NA	0.03	12.36	1.86
372619	756588	NA	NA	NA	0.03	12.29	1.85
372622	756509	NA	NA	NA	0.03	11.55	1.72
372700	756511	NA	NA	NA	0.03	11.48	1.71
372789	756510	NA	NA	NA	0.03	11.24	1.68
372871	756509	NA	NA	NA	0.03	11.26	1.69
366492	757427	NA	NA	NA	0.05	19.18	2.93
372871	756437	NA	NA	NA	0.03	10.88	1.62
372970	756437	NA	NA	NA	0.03	10.66	1.59
373069	756437	NA	NA	NA	0.03	10.13	1.52

24-Hour Concentrations, $\mu\text{g}/\text{m}^3$

X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
373168	756437	NA	NA	NA	0.02	9.55	1.44
373267	756437	NA	NA	NA	0.02	9.21	1.39
373412	756437	NA	NA	NA	0.02	8.63	1.31
373409	756339	NA	NA	NA	0.02	8.43	1.26
373406	756240	NA	NA	NA	0.02	8.50	1.27
373403	756142	NA	NA	NA	0.02	8.52	1.27
373400	756042	NA	NA	NA	0.02	8.50	1.27
366453	757515	NA	NA	NA	0.04	17.53	2.69
373397	755944	NA	NA	NA	0.02	8.49	1.27
373393	755846	NA	NA	NA	0.02	8.44	1.27
373390	755747	NA	NA	NA	0.02	8.32	1.26
373309	755744	NA	NA	NA	0.02	8.40	1.27
373229	755743	NA	NA	NA	0.02	8.37	1.27
373143	755741	NA	NA	NA	0.02	8.19	1.24
373143	755823	NA	NA	NA	0.02	8.50	1.28
373143	755906	NA	NA	NA	0.02	8.72	1.31
373065	755906	NA	NA	NA	0.02	8.98	1.35
373065	755827	NA	NA	NA	0.02	8.73	1.32
366415	757603	NA	NA	NA	0.04	15.14	2.35
373068	755733	NA	NA	NA	0.02	8.33	1.26
373007	755733	NA	NA	NA	0.02	8.50	1.29
372941	755733	NA	NA	NA	0.02	8.65	1.32
372941	755636	NA	NA	NA	0.02	8.28	1.27
372941	755539	NA	NA	NA	0.02	7.87	1.21
372941	755442	NA	NA	NA	0.02	7.33	1.13
372913	755342	NA	NA	NA	0.02	6.69	1.03
372817	755346	NA	NA	NA	0.02	6.69	1.03
372720	755349	NA	NA	NA	0.02	6.61	1.02
372624	755352	NA	NA	NA	0.02	6.34	0.98
366376	757692	NA	NA	NA	0.03	13.68	2.13
372527	755349	NA	NA	NA	0.02	5.95	0.92
372431	755353	NA	NA	NA	0.01	5.85	0.91
372334	755356	NA	NA	NA	0.02	6.08	0.94
372237	755359	NA	NA	NA	0.02	6.35	0.99
372141	755362	NA	NA	NA	0.02	6.79	1.06
372044	755366	NA	NA	NA	0.02	7.11	1.11
371948	755369	NA	NA	NA	0.02	7.26	1.14
371851	755372	NA	NA	NA	0.02	7.33	1.16
371755	755375	NA	NA	NA	0.02	7.47	1.19
371658	755378	NA	NA	NA	0.02	7.75	1.24
366338	757780	NA	NA	NA	0.03	12.37	1.93
371562	755382	NA	NA	NA	0.02	8.19	1.31
371465	755385	NA	NA	NA	0.02	8.57	1.37
371368	755388	NA	NA	NA	0.02	8.85	1.43
371272	755391	NA	NA	NA	0.02	8.99	1.46
371175	755395	NA	NA	NA	0.03	9.03	1.47
371079	755398	NA	NA	NA	0.03	9.03	1.48
371042	755478	NA	NA	NA	0.02	8.82	1.44
371009	755538	NA	NA	NA	0.02	8.78	1.43
370975	755597	NA	NA	NA	0.02	8.74	1.41
370925	755597	NA	NA	NA	0.02	8.95	1.45
366402	757746	NA	NA	NA	0.03	12.75	1.99
370860	755547	NA	NA	NA	0.03	9.38	1.53
370796	755497	NA	NA	NA	0.03	9.85	1.62
370733	755428	NA	NA	NA	0.03	10.20	1.68
370634	755428	NA	NA	NA	0.03	10.65	1.76
370536	755428	NA	NA	NA	0.03	11.04	1.83

24-Hour Concentrations, µg/m³

X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
370437	755428	NA	NA	NA	0.03	11.41	1.90
370338	755427	NA	NA	NA	0.03	11.81	1.96
370239	755427	NA	NA	NA	0.04	12.33	2.05
370138	755427	NA	NA	NA	0.04	12.76	2.11
370040	755427	NA	NA	NA	0.04	13.05	2.16
367301	755573	NA	NA	NA	0.08	27.89	4.83
366467	757713	NA	NA	NA	0.03	13.12	2.03
369941	755426	NA	NA	NA	0.04	13.17	2.18
369842	755426	NA	NA	NA	0.04	13.14	2.17
369741	755435	NA	NA	NA	0.04	13.11	2.17
369643	755434	NA	NA	NA	0.04	12.77	2.11
369544	755434	NA	NA	NA	0.04	12.48	2.06
369445	755434	NA	NA	NA	0.04	12.94	2.14
369346	755434	NA	NA	NA	0.04	13.21	2.19
369249	755442	NA	NA	NA	0.04	13.46	2.23
369151	755442	NA	NA	NA	0.04	13.44	2.22
369052	755442	NA	NA	NA	0.04	13.13	2.15
366531	757679	NA	NA	NA	0.03	13.53	2.09
368953	755441	NA	NA	NA	0.04	13.87	2.28
368854	755441	NA	NA	NA	0.04	15.04	2.48
368755	755441	NA	NA	NA	0.04	15.71	2.60
368657	755441	NA	NA	NA	0.04	15.51	2.57
368558	755440	NA	NA	NA	0.05	16.25	2.70
368459	755440	NA	NA	NA	0.05	16.44	2.75
368360	755440	NA	NA	NA	0.04	15.50	2.58
368262	755439	NA	NA	NA	0.05	15.80	2.64
368186	755427	NA	NA	NA	0.05	18.61	3.16
368111	755414	NA	NA	NA	0.06	19.60	3.34
366567	757773	NA	NA	NA	0.03	11.45	1.75
368035	755402	NA	NA	NA	0.06	19.77	3.36
367960	755389	NA	NA	NA	0.06	20.18	3.44
367863	755390	NA	NA	NA	0.07	22.36	3.83
367766	755392	NA	NA	NA	0.07	22.66	3.88
367669	755393	NA	NA	NA	0.06	20.62	3.51
367572	755394	NA	NA	NA	0.06	20.59	3.50
367475	755395	NA	NA	NA	0.06	20.35	3.46
366625	757758	NA	NA	NA	0.03	11.96	1.84
366682	757744	NA	NA	NA	0.03	12.41	1.91
366768	757788	NA	NA	NA	0.04	13.63	2.16
366854	757833	NA	NA	NA	0.04	14.25	2.28
366941	757877	NA	NA	NA	0.04	13.84	2.21
367027	757922	NA	NA	NA	0.03	12.67	2.01
367113	757966	NA	NA	NA	0.03	11.22	1.76
367263	755661	NA	NA	NA	0.08	26.67	4.59
367192	757916	NA	NA	NA	0.03	11.33	1.75
367264	757916	NA	NA	NA	0.03	10.87	1.66
367335	757916	NA	NA	NA	0.03	10.57	1.60
367343	757966	NA	NA	NA	0.02	9.72	1.47
367404	757995	NA	NA	NA	0.02	9.09	1.36
367465	758024	NA	NA	NA	0.02	8.62	1.28
367504	757948	NA	NA	NA	0.02	9.49	1.40
367544	757873	NA	NA	NA	0.02	10.74	1.57
367587	757909	NA	NA	NA	0.02	9.86	1.44
367623	757866	NA	NA	NA	0.02	10.57	1.53
367224	755749	NA	NA	NA	0.09	30.10	5.21
367694	757866	NA	NA	NA	0.02	10.26	1.47
367716	757927	NA	NA	NA	0.02	9.17	1.31

24-Hour Concentrations, $\mu\text{g}/\text{m}^3$							
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
367737	757988	NA	NA	NA	0.02	8.35	1.19
367727	758067	NA	NA	NA	0.02	7.61	1.09
367716	758146	NA	NA	NA	0.02	7.00	1.00
367673	758189	NA	NA	NA	0.01	6.74	0.97
367723	758254	NA	NA	NA	0.01	6.40	0.92
367784	758221	NA	NA	NA	0.01	6.67	0.96
367845	758189	NA	NA	NA	0.02	6.94	1.00
367816	758096	NA	NA	NA	0.02	7.44	1.06
367186	755838	NA	NA	NA	0.10	32.79	5.69
367898	758066	NA	NA	NA	0.02	7.93	1.14
367980	758035	NA	NA	NA	0.02	8.60	1.25
368062	758005	NA	NA	NA	0.02	9.39	1.38
368144	757975	NA	NA	NA	0.02	10.32	1.53
368226	757945	NA	NA	NA	0.03	11.37	1.71
368301	757943	NA	NA	NA	0.03	11.98	1.81
368376	757941	NA	NA	NA	0.03	12.72	1.93
368452	757940	NA	NA	NA	0.03	13.37	2.04
368527	757938	NA	NA	NA	0.03	13.91	2.13
368563	757880	NA	NA	NA	0.04	15.45	2.35
367147	755926	NA	NA	NA	0.11	35.24	6.12
368636	757926	NA	NA	NA	0.04	14.64	2.24
368709	757971	NA	NA	NA	0.03	13.81	2.12
368782	758017	NA	NA	NA	0.03	13.06	2.01
368855	758062	NA	NA	NA	0.03	12.30	1.89
368928	758108	NA	NA	NA	0.03	11.67	1.80
369001	758153	NA	NA	NA	0.03	11.04	1.70
369058	758074	NA	NA	NA	0.03	11.98	1.84
369102	758103	NA	NA	NA	0.03	11.79	1.81
369145	758132	NA	NA	NA	0.03	11.64	1.79
369200	758065	NA	NA	NA	0.03	12.65	1.95
367109	756014	NA	NA	NA	0.10	34.94	6.05
369255	757998	NA	NA	NA	0.03	13.66	2.09
369310	757931	NA	NA	NA	0.04	15.07	2.28
369356	757981	NA	NA	NA	0.03	13.72	2.09
369403	758031	NA	NA	NA	0.03	13.07	2.00
369336	758100	NA	NA	NA	0.03	12.39	1.91
369269	758170	NA	NA	NA	0.03	11.59	1.79
369202	758239	NA	NA	NA	0.03	10.63	1.64
369264	758285	NA	NA	NA	0.03	10.42	1.61
369326	758330	NA	NA	NA	0.03	10.22	1.58
369389	758376	NA	NA	NA	0.03	10.03	1.56
367070	756103	NA	NA	NA	0.11	35.45	6.12
369389	758462	NA	NA	NA	0.02	9.38	1.45
369389	758548	NA	NA	NA	0.02	8.72	1.35
369389	758634	NA	NA	NA	0.02	8.06	1.24
369469	758630	NA	NA	NA	0.02	8.29	1.29
369549	758625	NA	NA	NA	0.02	8.44	1.31
369630	758621	NA	NA	NA	0.02	8.49	1.32
369710	758617	NA	NA	NA	0.02	8.43	1.32
369791	758613	NA	NA	NA	0.02	8.19	1.28
369791	758514	NA	NA	NA	0.02	8.67	1.34
369791	758416	NA	NA	NA	0.02	9.74	1.51
370400	756850	NA	NA	NA	0.07	26.49	4.00

Table 5
LAX SPAS
Staff-Recommended Alternative (SRA)
Construction Concentrations

		Maximum Annual Concentrations, $\mu\text{g}/\text{m}^3$					
		CO	ROC	NO2	SO2	PM10	PM2.5
On-Airport		NA	NA	1.92	0.00	1.42	0.21
Fenceline		NA	NA	9.21	0.01	4.03	0.66
		Annual Concentrations, $\mu\text{g}/\text{m}^3$					
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
367379	755396	NA	NA	2.32	0.00	1.08	0.18
367032	756191	NA	NA	3.80	0.01	1.95	0.32
369791	758318	NA	NA	0.78	0.00	0.48	0.07
369881	758318	NA	NA	0.79	0.00	0.49	0.07
369972	758318	NA	NA	0.81	0.00	0.49	0.07
370062	758318	NA	NA	0.82	0.00	0.50	0.07
370153	758318	NA	NA	0.83	0.00	0.51	0.07
370243	758318	NA	NA	0.84	0.00	0.51	0.07
370247	758254	NA	NA	0.92	0.00	0.57	0.08
370250	758189	NA	NA	1.01	0.00	0.64	0.09
370308	758196	NA	NA	1.01	0.00	0.63	0.09
370361	758236	NA	NA	0.95	0.00	0.59	0.09
366993	756279	NA	NA	3.16	0.00	1.68	0.27
370415	758275	NA	NA	0.91	0.00	0.56	0.08
370408	758347	NA	NA	0.82	0.00	0.50	0.07
370490	758344	NA	NA	0.83	0.00	0.51	0.07
370572	758341	NA	NA	0.84	0.00	0.52	0.07
370654	758338	NA	NA	0.85	0.00	0.53	0.08
370735	758335	NA	NA	0.86	0.00	0.53	0.08
370817	758333	NA	NA	0.86	0.00	0.53	0.08
370814	758243	NA	NA	0.96	0.00	0.60	0.09
370810	758153	NA	NA	1.08	0.00	0.69	0.10
370807	758063	NA	NA	1.24	0.00	0.81	0.11
366954	756367	NA	NA	2.69	0.00	1.48	0.23
370803	757974	NA	NA	1.45	0.00	0.96	0.13
370835	757927	NA	NA	1.54	0.00	1.02	0.14
370868	757880	NA	NA	1.62	0.00	1.08	0.15
370921	757884	NA	NA	1.53	0.00	1.02	0.14
370975	757887	NA	NA	1.45	0.00	0.95	0.13
370975	757794	NA	NA	1.65	0.00	1.09	0.15
371026	757794	NA	NA	1.55	0.00	1.02	0.14
371076	757877	NA	NA	1.34	0.00	0.86	0.12
371126	757959	NA	NA	1.18	0.00	0.75	0.11
371119	758031	NA	NA	1.11	0.00	0.70	0.10
366916	756456	NA	NA	2.35	0.00	1.35	0.21
371183	758027	NA	NA	1.07	0.00	0.67	0.10
371248	758024	NA	NA	1.02	0.00	0.63	0.09
371326	758075	NA	NA	0.94	0.00	0.57	0.08
371404	758127	NA	NA	0.87	0.00	0.53	0.08
371481	758178	NA	NA	0.81	0.00	0.49	0.07
371559	758230	NA	NA	0.77	0.00	0.45	0.07
371637	758281	NA	NA	0.72	0.00	0.42	0.06
371715	758333	NA	NA	0.69	0.00	0.40	0.06
371769	758261	NA	NA	0.69	0.00	0.40	0.06
371822	758189	NA	NA	0.70	0.00	0.40	0.06
366877	756544	NA	NA	2.11	0.00	1.26	0.19

Annual Concentrations, $\mu\text{g}/\text{m}^3$							
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
371894	758160	NA	NA	0.69	0.00	0.38	0.06
371894	758081	NA	NA	0.72	0.00	0.39	0.06
371959	758074	NA	NA	0.71	0.00	0.38	0.06
371953	757977	NA	NA	0.75	0.00	0.39	0.06
371948	757880	NA	NA	0.82	0.00	0.41	0.06
371943	757783	NA	NA	0.92	0.00	0.45	0.07
372016	757794	NA	NA	0.90	0.00	0.43	0.07
372102	757791	NA	NA	0.91	0.00	0.43	0.07
372178	757760	NA	NA	0.95	0.00	0.44	0.07
372177	757670	NA	NA	1.12	0.00	0.50	0.08
366839	756632	NA	NA	1.92	0.00	1.20	0.17
372176	757579	NA	NA	1.35	0.00	0.59	0.09
372174	757489	NA	NA	1.67	0.00	0.71	0.11
372173	757398	NA	NA	2.13	0.00	0.87	0.14
372171	757308	NA	NA	2.96	0.00	1.11	0.19
372055	757309	NA	NA	3.16	0.00	1.25	0.21
372055	757363	NA	NA	2.61	0.00	1.09	0.18
372055	757416	NA	NA	2.18	0.00	0.94	0.15
371952	757442	NA	NA	2.09	0.00	0.93	0.15
371950	757345	NA	NA	3.77	0.00	1.74	0.27
371864	757344	NA	NA	3.99	0.00	1.92	0.30
366800	756720	NA	NA	1.78	0.00	1.14	0.16
371790	757347	NA	NA	3.88	0.00	1.89	0.30
371708	757356	NA	NA	3.54	0.00	1.72	0.27
371615	757356	NA	NA	3.52	0.00	1.73	0.27
371523	757356	NA	NA	3.48	0.00	1.72	0.27
371430	757356	NA	NA	3.39	0.00	1.69	0.26
371338	757356	NA	NA	3.17	0.00	1.59	0.25
371245	757356	NA	NA	2.57	0.00	1.28	0.20
371153	757356	NA	NA	2.17	0.00	1.11	0.17
371061	757356	NA	NA	2.19	0.00	1.19	0.18
371005	757357	NA	NA	2.36	0.00	1.37	0.20
366762	756809	NA	NA	1.64	0.00	1.07	0.15
370998	757293	NA	NA	2.58	0.00	1.35	0.20
370998	757194	NA	NA	5.89	0.01	2.32	0.39
370998	757096	NA	NA	6.86	0.01	2.81	0.49
370998	756998	NA	NA	9.21	0.01	4.03	0.66
371057	756997	NA	NA	9.00	0.01	3.98	0.65
371153	756997	NA	NA	8.74	0.01	3.89	0.64
371249	756997	NA	NA	8.74	0.01	3.87	0.63
371345	756997	NA	NA	8.79	0.01	3.86	0.63
371440	756997	NA	NA	8.84	0.01	3.85	0.63
371536	756997	NA	NA	8.90	0.01	3.83	0.63
366723	756897	NA	NA	1.48	0.00	0.97	0.14
371632	756997	NA	NA	8.96	0.01	3.82	0.63
371728	756997	NA	NA	8.95	0.01	3.79	0.62
371824	756997	NA	NA	8.91	0.01	3.74	0.61
371920	756997	NA	NA	8.87	0.01	3.72	0.61
372016	756997	NA	NA	8.97	0.01	3.76	0.62
372111	756997	NA	NA	9.02	0.01	3.78	0.62
372207	756997	NA	NA	9.07	0.01	3.81	0.62
372303	756997	NA	NA	9.10	0.01	3.84	0.63
372399	756997	NA	NA	9.07	0.01	3.85	0.63
372495	756997	NA	NA	9.00	0.01	3.85	0.62
366685	756985	NA	NA	1.31	0.00	0.86	0.12
372591	756997	NA	NA	8.70	0.01	3.75	0.60
372610	757063	NA	NA	5.33	0.01	2.37	0.38

Annual Concentrations, $\mu\text{g}/\text{m}^3$							
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
372612	757132	NA	NA	5.59	0.01	2.40	0.39
372614	757201	NA	NA	8.89	0.01	3.24	0.55
372616	757270	NA	NA	5.16	0.01	2.08	0.34
372627	757351	NA	NA	3.82	0.00	1.62	0.26
372651	757422	NA	NA	3.34	0.00	1.46	0.23
372676	757494	NA	NA	3.01	0.00	1.34	0.21
372704	757569	NA	NA	2.72	0.00	1.23	0.19
372733	757645	NA	NA	2.48	0.00	1.13	0.18
367340	755485	NA	NA	2.79	0.00	1.29	0.22
366646	757074	NA	NA	1.13	0.00	0.74	0.10
372746	757702	NA	NA	2.14	0.00	0.97	0.15
372746	757768	NA	NA	1.36	0.00	0.61	0.10
372807	757781	NA	NA	1.64	0.00	0.74	0.12
372901	757782	NA	NA	3.89	0.00	1.81	0.28
372994	757783	NA	NA	4.37	0.01	2.03	0.32
373087	757783	NA	NA	4.58	0.01	2.13	0.33
373180	757784	NA	NA	4.53	0.01	2.11	0.33
373274	757785	NA	NA	4.36	0.01	2.03	0.32
373367	757786	NA	NA	3.94	0.00	1.84	0.29
373418	757742	NA	NA	3.16	0.00	1.47	0.23
366607	757162	NA	NA	0.97	0.00	0.62	0.09
373418	757653	NA	NA	3.29	0.00	1.53	0.24
373419	757564	NA	NA	3.29	0.00	1.53	0.24
373419	757475	NA	NA	3.25	0.00	1.51	0.24
373420	757386	NA	NA	3.10	0.00	1.44	0.23
373420	757297	NA	NA	2.84	0.00	1.33	0.21
373421	757207	NA	NA	2.22	0.00	1.04	0.16
373421	757118	NA	NA	0.87	0.00	0.41	0.06
373292	757117	NA	NA	2.69	0.00	1.28	0.20
373213	757118	NA	NA	4.53	0.01	2.16	0.34
373158	757066	NA	NA	3.10	0.00	1.47	0.23
366569	757250	NA	NA	0.82	0.00	0.52	0.07
373084	757026	NA	NA	3.26	0.00	1.57	0.24
373009	757011	NA	NA	2.85	0.00	1.38	0.21
372922	757009	NA	NA	3.13	0.00	1.52	0.24
372835	757007	NA	NA	3.36	0.00	1.62	0.25
372747	757006	NA	NA	3.80	0.01	1.81	0.28
372660	757004	NA	NA	5.77	0.01	2.61	0.42
372651	757063	NA	NA	6.08	0.01	2.83	0.45
372629	756931	NA	NA	2.43	0.00	1.21	0.19
372631	756857	NA	NA	1.47	0.00	0.75	0.12
372634	756783	NA	NA	1.06	0.00	0.55	0.09
366530	757338	NA	NA	0.70	0.00	0.44	0.06
372702	756778	NA	NA	0.95	0.00	0.49	0.08
372756	756775	NA	NA	0.89	0.00	0.45	0.07
372729	756712	NA	NA	0.74	0.00	0.38	0.06
372703	756650	NA	NA	0.63	0.00	0.33	0.05
372677	756588	NA	NA	0.56	0.00	0.29	0.05
372619	756588	NA	NA	0.60	0.00	0.31	0.05
372622	756509	NA	NA	0.50	0.00	0.26	0.04
372700	756511	NA	NA	0.46	0.00	0.23	0.04
372789	756510	NA	NA	0.42	0.00	0.21	0.03
372871	756509	NA	NA	0.38	0.00	0.19	0.03
366492	757427	NA	NA	0.60	0.00	0.37	0.05
372871	756437	NA	NA	0.33	0.00	0.16	0.03
372970	756437	NA	NA	0.30	0.00	0.14	0.02
373069	756437	NA	NA	0.26	0.00	0.13	0.02

Annual Concentrations, $\mu\text{g}/\text{m}^3$							
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
373168	756437	NA	NA	0.24	0.00	0.11	0.02
373267	756437	NA	NA	0.21	0.00	0.10	0.02
373412	756437	NA	NA	0.19	0.00	0.09	0.01
373409	756339	NA	NA	0.16	0.00	0.08	0.01
373406	756240	NA	NA	0.15	0.00	0.08	0.01
373403	756142	NA	NA	0.14	0.00	0.07	0.01
373400	756042	NA	NA	0.13	0.00	0.07	0.01
366453	757515	NA	NA	0.51	0.00	0.31	0.05
373397	755944	NA	NA	0.13	0.00	0.07	0.01
373393	755846	NA	NA	0.13	0.00	0.06	0.01
373390	755747	NA	NA	0.12	0.00	0.06	0.01
373309	755744	NA	NA	0.13	0.00	0.06	0.01
373229	755743	NA	NA	0.13	0.00	0.07	0.01
373143	755741	NA	NA	0.14	0.00	0.07	0.01
373143	755823	NA	NA	0.14	0.00	0.07	0.01
373143	755906	NA	NA	0.15	0.00	0.08	0.01
373065	755906	NA	NA	0.15	0.00	0.08	0.01
373065	755827	NA	NA	0.15	0.00	0.07	0.01
366415	757603	NA	NA	0.44	0.00	0.27	0.04
373068	755733	NA	NA	0.14	0.00	0.07	0.01
373007	755733	NA	NA	0.14	0.00	0.07	0.01
372941	755733	NA	NA	0.14	0.00	0.08	0.01
372941	755636	NA	NA	0.13	0.00	0.07	0.01
372941	755539	NA	NA	0.12	0.00	0.07	0.01
372941	755442	NA	NA	0.11	0.00	0.06	0.01
372913	755342	NA	NA	0.10	0.00	0.06	0.01
372817	755346	NA	NA	0.09	0.00	0.06	0.01
372720	755349	NA	NA	0.10	0.00	0.07	0.01
372624	755352	NA	NA	0.12	0.00	0.07	0.01
366376	757692	NA	NA	0.39	0.00	0.23	0.03
372527	755349	NA	NA	0.15	0.00	0.07	0.01
372431	755353	NA	NA	0.16	0.00	0.08	0.01
372334	755356	NA	NA	0.18	0.00	0.08	0.01
372237	755359	NA	NA	0.19	0.00	0.09	0.01
372141	755362	NA	NA	0.20	0.00	0.09	0.01
372044	755366	NA	NA	0.21	0.00	0.10	0.02
371948	755369	NA	NA	0.23	0.00	0.11	0.02
371851	755372	NA	NA	0.24	0.00	0.11	0.02
371755	755375	NA	NA	0.25	0.00	0.12	0.02
371658	755378	NA	NA	0.27	0.00	0.12	0.02
366338	757780	NA	NA	0.34	0.00	0.20	0.03
371562	755382	NA	NA	0.28	0.00	0.13	0.02
371465	755385	NA	NA	0.29	0.00	0.13	0.02
371368	755388	NA	NA	0.30	0.00	0.14	0.02
371272	755391	NA	NA	0.32	0.00	0.15	0.02
371175	755395	NA	NA	0.33	0.00	0.15	0.02
371079	755398	NA	NA	0.35	0.00	0.16	0.03
371042	755478	NA	NA	0.38	0.00	0.17	0.03
371009	755538	NA	NA	0.41	0.00	0.19	0.03
370975	755597	NA	NA	0.44	0.00	0.20	0.03
370925	755597	NA	NA	0.44	0.00	0.20	0.03
366402	757746	NA	NA	0.36	0.00	0.22	0.03
370860	755547	NA	NA	0.43	0.00	0.20	0.03
370796	755497	NA	NA	0.43	0.00	0.20	0.03
370733	755428	NA	NA	0.41	0.00	0.19	0.03
370634	755428	NA	NA	0.43	0.00	0.20	0.03
370536	755428	NA	NA	0.44	0.00	0.21	0.03

Annual Concentrations, $\mu\text{g}/\text{m}^3$							
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
370437	755428	NA	NA	0.46	0.00	0.22	0.03
370338	755427	NA	NA	0.48	0.00	0.22	0.04
370239	755427	NA	NA	0.50	0.00	0.23	0.04
370138	755427	NA	NA	0.51	0.00	0.24	0.04
370040	755427	NA	NA	0.53	0.00	0.25	0.04
367301	755573	NA	NA	3.36	0.00	1.55	0.27
366467	757713	NA	NA	0.39	0.00	0.23	0.03
369941	755426	NA	NA	0.55	0.00	0.26	0.04
369842	755426	NA	NA	0.56	0.00	0.27	0.04
369741	755435	NA	NA	0.58	0.00	0.29	0.04
369643	755434	NA	NA	0.60	0.00	0.30	0.05
369544	755434	NA	NA	0.62	0.00	0.31	0.05
369445	755434	NA	NA	0.64	0.00	0.32	0.05
369346	755434	NA	NA	0.66	0.00	0.33	0.05
369249	755442	NA	NA	0.68	0.00	0.35	0.05
369151	755442	NA	NA	0.70	0.00	0.36	0.05
369052	755442	NA	NA	0.72	0.00	0.37	0.06
366531	757679	NA	NA	0.41	0.00	0.25	0.04
368953	755441	NA	NA	0.74	0.00	0.39	0.06
368854	755441	NA	NA	0.76	0.00	0.40	0.06
368755	755441	NA	NA	0.79	0.00	0.41	0.06
368657	755441	NA	NA	0.83	0.00	0.43	0.07
368558	755440	NA	NA	0.87	0.00	0.45	0.07
368459	755440	NA	NA	0.93	0.00	0.48	0.07
368360	755440	NA	NA	0.99	0.00	0.51	0.08
368262	755439	NA	NA	1.07	0.00	0.54	0.08
368186	755427	NA	NA	1.13	0.00	0.57	0.09
368111	755414	NA	NA	1.18	0.00	0.59	0.09
366567	757773	NA	NA	0.37	0.00	0.23	0.03
368035	755402	NA	NA	1.26	0.00	0.62	0.10
367960	755389	NA	NA	1.35	0.00	0.66	0.11
367863	755390	NA	NA	1.50	0.00	0.72	0.12
367766	755392	NA	NA	1.67	0.00	0.79	0.13
367669	755393	NA	NA	1.85	0.00	0.86	0.14
367572	755394	NA	NA	2.04	0.00	0.94	0.16
367475	755395	NA	NA	2.19	0.00	1.02	0.17
366625	757758	NA	NA	0.39	0.00	0.24	0.03
366682	757744	NA	NA	0.41	0.00	0.25	0.04
366768	757788	NA	NA	0.40	0.00	0.25	0.04
366854	757833	NA	NA	0.39	0.00	0.24	0.03
366941	757877	NA	NA	0.37	0.00	0.23	0.03
367027	757922	NA	NA	0.35	0.00	0.22	0.03
367113	757966	NA	NA	0.32	0.00	0.21	0.03
367263	755661	NA	NA	4.07	0.01	1.87	0.32
367192	757916	NA	NA	0.35	0.00	0.23	0.03
367264	757916	NA	NA	0.35	0.00	0.23	0.03
367335	757916	NA	NA	0.36	0.00	0.24	0.03
367343	757966	NA	NA	0.33	0.00	0.22	0.03
367404	757995	NA	NA	0.33	0.00	0.21	0.03
367465	758024	NA	NA	0.32	0.00	0.21	0.03
367504	757948	NA	NA	0.38	0.00	0.25	0.03
367544	757873	NA	NA	0.46	0.00	0.31	0.04
367587	757909	NA	NA	0.44	0.00	0.30	0.04
367623	757866	NA	NA	0.50	0.00	0.35	0.05
367224	755749	NA	NA	4.72	0.01	2.18	0.38
367694	757866	NA	NA	0.55	0.00	0.38	0.05
367716	757927	NA	NA	0.48	0.00	0.33	0.05

Annual Concentrations, $\mu\text{g}/\text{m}^3$							
X (m)	Y (m)	CO	ROC	NO2	SO2	PM10	PM2.5
367737	757988	NA	NA	0.43	0.00	0.29	0.04
367727	758067	NA	NA	0.36	0.00	0.24	0.03
367716	758146	NA	NA	0.31	0.00	0.21	0.03
367673	758189	NA	NA	0.29	0.00	0.19	0.03
367723	758254	NA	NA	0.27	0.00	0.17	0.02
367784	758221	NA	NA	0.30	0.00	0.19	0.03
367845	758189	NA	NA	0.32	0.00	0.21	0.03
367816	758096	NA	NA	0.37	0.00	0.25	0.03
367186	755838	NA	NA	5.05	0.01	2.41	0.42
367898	758066	NA	NA	0.42	0.00	0.29	0.04
367980	758035	NA	NA	0.49	0.00	0.33	0.05
368062	758005	NA	NA	0.57	0.00	0.39	0.05
368144	757975	NA	NA	0.66	0.00	0.46	0.06
368226	757945	NA	NA	0.77	0.00	0.53	0.07
368301	757943	NA	NA	0.82	0.00	0.57	0.08
368376	757941	NA	NA	0.88	0.00	0.60	0.08
368452	757940	NA	NA	0.93	0.00	0.64	0.09
368527	757938	NA	NA	0.99	0.00	0.67	0.09
368563	757880	NA	NA	1.18	0.00	0.81	0.11
367147	755926	NA	NA	5.12	0.01	2.50	0.43
368636	757926	NA	NA	1.09	0.00	0.74	0.10
368709	757971	NA	NA	1.02	0.00	0.68	0.10
368782	758017	NA	NA	0.95	0.00	0.63	0.09
368855	758062	NA	NA	0.90	0.00	0.59	0.08
368928	758108	NA	NA	0.85	0.00	0.55	0.08
369001	758153	NA	NA	0.81	0.00	0.52	0.07
369058	758074	NA	NA	0.96	0.00	0.63	0.09
369102	758103	NA	NA	0.93	0.00	0.60	0.08
369145	758132	NA	NA	0.89	0.00	0.57	0.08
369200	758065	NA	NA	1.03	0.00	0.67	0.09
367109	756014	NA	NA	4.95	0.01	2.43	0.42
369255	757998	NA	NA	1.21	0.00	0.79	0.11
369310	757931	NA	NA	1.44	0.00	0.96	0.13
369356	757981	NA	NA	1.29	0.00	0.85	0.12
369403	758031	NA	NA	1.18	0.00	0.76	0.11
369336	758100	NA	NA	1.01	0.00	0.65	0.09
369269	758170	NA	NA	0.87	0.00	0.55	0.08
369202	758239	NA	NA	0.75	0.00	0.47	0.07
369264	758285	NA	NA	0.71	0.00	0.44	0.06
369326	758330	NA	NA	0.67	0.00	0.42	0.06
369389	758376	NA	NA	0.64	0.00	0.39	0.06
367070	756103	NA	NA	4.47	0.01	2.23	0.38
369389	758462	NA	NA	0.57	0.00	0.34	0.05
369389	758548	NA	NA	0.50	0.00	0.30	0.04
369389	758634	NA	NA	0.45	0.00	0.27	0.04
369469	758630	NA	NA	0.46	0.00	0.28	0.04
369549	758625	NA	NA	0.48	0.00	0.29	0.04
369630	758621	NA	NA	0.49	0.00	0.29	0.04
369710	758617	NA	NA	0.51	0.00	0.30	0.04
369791	758613	NA	NA	0.52	0.00	0.31	0.05
369791	758514	NA	NA	0.59	0.00	0.36	0.05
369791	758416	NA	NA	0.68	0.00	0.41	0.06
370400	756850	NA	NA	1.92	0.00	1.42	0.21

Table 6
LAX SPAS
Staff-Recommended Alternative (SRA) - IFRW

12/5/2012
 Mixing Height = 1806 ft

	Peak Daily Emissions (lb/day)					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
On-Airport Sources						
Aircraft	23,961	3,878	29,193	2,710	285	285
GSE	5,968	196	1,090	-	25	24
APUs	814	74	887	117	124	124
Parking Facilities	1,094	106	238	-	106	40
Roadways	454	38	149	-	169	34
Stationary	1	0	1	-	0	0
On-Airport Subtotal	32,291	4,291	31,557	2,827	708	506
Off-Airport Roadways	20,755	959	5,384	-	10,047	1,978
Off-Airport Stationary	15	1	3	0	1	1
Off-Airport Subtotal	20,770	960	5,387	0	10,049	1,980
Grand Total	53,061	5,251	36,944	2,827	10,757	2,486

	Incremental Emissions above 2009 Base (lb/day)					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
On-Airport Sources						
Aircraft	10,222	1,695	10,034	1,003	107	107
GSE	1,222	(187)	(1,150)	-	(37)	(36)
APUs	157	15	275	33	27	27
Parking Facilities	(2,031)	(375)	(1,356)	-	(28)	(41)
Roadways	(1,375)	(136)	(577)	-	0	(19)
Stationary	0	0	0	-	0	0
On-Airport Subtotal	8,194	1,013	7,227	1,036	69	38
Off-Airport Roadways	(35,133)	(2,363)	(14,982)	-	2,450	118
Off-Airport Stationary	8	1	1	0	1	1
Off-Airport Subtotal	(35,125)	(2,363)	(14,981)	0	2,450	119
Grand Total	(26,931)	(1,350)	(7,754)	1,036	2,519	157

Threshold	550	55	55	150	150	55
Significant?	No	No	No	Yes	Yes	Yes

	Incremental Emissions above Alternative 4 (lb/day)					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
On-Airport Sources						
Aircraft	(4,039)	(532)	(809)	(236)	(17)	(17)
GSE	(1)	(0)	(1)	-	(0)	(0)
APUs	(3)	(0)	(2)	(0)	(0)	(0)
Parking Facilities	(58)	(38)	(118)	-	(22)	(4)
Roadways	(19)	(2)	(5)	-	(7)	(1)
Stationary	0	0	0	-	0	0
On-Airport Subtotal	(4,119)	(572)	(933)	(236)	(46)	(23)
Off-Airport Roadways	(181)	(37)	(167)	-	(69)	(17)
Off-Airport Stationary	7	0	1	0	1	1
Off-Airport Roadways	(173)	(36)	(166)	0	(69)	(16)
Grand Total	(4,293)	(608)	(1,100)	(236)	(114)	(39)

Threshold	550	55	55	150	150	55
Significant?	No	No	No	No	No	No

Table 7
LAX SPAS
Staff-Recommended Alternative (SRA) - IFRW

12/5/2012
 Mixing Height = 1806 ft

# Category	<u>Total Emissions, short tons per year</u>					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
Aircraft	4,000.19	647.33	4,873.61	452.35	47.59	47.59
GSE	996.32	32.72	181.98	-	4.14	3.99
APUs	135.82	12.29	148.05	19.55	20.62	20.62
Parking Facilities	182.58	17.71	39.73	-	17.69	6.61
Roadways	75.73	6.34	24.85	-	28.19	5.65
Stationary Sources	0.10	0.01	0.12	-	0.01	0.01
Airside	5,132.34	692.34	5,203.64	471.90	72.35	72.20
Landside	258.41	24.06	64.70	-	45.89	12.27
Grand Total	5,390.74	716.39	5,268.22	471.90	118.23	84.46

Table 8
LAX SPAS
Staff-Recommended Alternative (SRA) - VisW

6/5/2012
 Mixing Height = 1806 ft

	Peak Daily Emissions (lb/day)					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
On-Airport Sources						
Aircraft	21,112	3,512	28,741	2,551	274	274
GSE	5,968	196	1,090	-	25	24
APUs	824	75	893	118	125	125
Parking Facilities	1,094	106	238	-	106	40
Roadways	454	38	149	-	169	34
Stationary	0.57	0.08	0.68	-	0.06	0.06
On-Airport Subtotal	29,452	3,927	31,111	2,670	699	496
Off-Airport Roadways	20,755	959	5,384	-	10,047	1,978
Off-Airport Stationary	28.30	1.85	4.73	0.20	2.56	2.56
Off-Airport Subtotal	20,783	961	5,389	0	10,050	1,981
Grand Total	50,235	4,888	36,500	2,670	10,748	2,477

	Incremental Emissions above 2009 Base (lb/day)					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
On-Airport Sources						
Aircraft	7,649	1,358	9,585	859	97	97
GSE	1,222	(187)	(1,150)	-	(37)	(36)
APUs	166	16	280	34	28	28
Parking Facilities	(2,031)	(375)	(1,356)	-	(28)	(41)
Roadways	(1,375)	(136)	(577)	-	0	(19)
Stationary	0	0	0	-	0	0
On-Airport Subtotal	5,631	677	6,783	893	60	29
Off-Airport Roadways	(35,133)	(2,363)	(14,982)	-	2,450	118
Off-Airport Stationary	8	1	1	0	1	1
Off-Airport Subtotal	(35,125)	(2,363)	(14,981)	0	2,450	119
Grand Total	(29,494)	(1,686)	(8,199)	893	2,510	149

Threshold	550	55	55	150	150	55
Significant?	No	No	No	Yes	Yes	Yes

	Incremental Emissions above Alternative 4 (lb/day)					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
On-Airport Sources						
Aircraft	(499)	(86)	(119)	(28)	(2)	(2)
GSE	(1)	(1)	(17)	-	(0)	(0)
APUs	(0)	(0)	(1)	(0)	(0)	(0)
Parking Facilities	(58)	(38)	(118)	-	(22)	(4)
Roadways	(19)	(2)	(5)	-	(7)	(1)
Stationary	0	0	0	-	0	0
On-Airport Subtotal	(577)	(127)	(259)	(28)	(31)	(8)
Off-Airport Roadways	(181)	(37)	(167)	-	(69)	(17)
Off-Airport Stationary	7	0	1	0	1	1
Off-Airport Roadways	(173)	(36)	(166)	0	(69)	(16)
Grand Total	(750)	(163)	(425)	(28)	(100)	(24)

Threshold	550	55	55	150	150	55
Significant?	No	No	No	No	No	No

Table 9
LAX SPAS
Staff-Recommended Alternative (SRA) - VisW

6/5/2012
 Mixing Height = 1806 ft

# Category	<u>Total Emissions, short tons per year</u>					
	CO	VOC	NOx	SOx	PM-10	PM-2.5
Aircraft	3,524.55	586.29	4,798.15	425.94	45.68	45.68
GSE	996.32	32.72	181.98	-	4.14	3.99
APUs	137.62	12.47	149.01	19.73	20.93	20.93
Parking Facilities	182.58	17.71	39.73	-	17.69	6.61
Roadways	75.73	6.34	24.85	-	28.19	5.65
Stationary Sources	0.10	0.01	0.12		0.01	0.01
Airside	4,658.50	631.49	5,129.14	445.67	70.74	70.59
Landside	258.41	24.06	64.70	-	45.89	12.27
Grand Total	4,916.91	655.55	5,193.84	445.67	116.63	82.86

Table 10
LAX SPAS
CalEEMod Usage Estimates

Source	Baseline	Staff-Recommended Alternative
<u>Airfield/Terminal Components</u>		
Natural Gas (kBTU)	1,229,100	2,271,540
Electricity (kWh)	13,773,200	25,454,600
Indoor Water (Mgal)	54	99
Outdoor Water (Mgal)	33	61
Waste Disposed (tons)	759	1,403
<u>Ground Access Components</u>		
Natural Gas (kBTU)	n/a	272,000
Electricity (kWh)	n/a	3,048,000
Indoor Water (Mgal)	n/a	12
Outdoor Water (Mgal)	n/a	7
Waste Disposed (tons)	n/a	168
<u>Total</u>		
Natural Gas (kBTU)	1,229,100	2,543,540
Electricity (kWh)	13,773,200	28,502,600
Indoor Water (Mgal)	54	111
Outdoor Water (Mgal)	33	68
Waste Disposed (tons)	759	1,571

**LAX SPAS
Energy Emissions**

6/21/2012

**Table 11
Unmitigated Operational Emissions - Staff-Recommended Alternative (SRA)**

Category	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
On-Airport Natural Gas Combustion (lbs/day)						
Terminal Components	0.07	0.61	0.51	0.00	0.05	0.05
Ground Access Components	0.01	0.07	0.06	0.00	0.01	0.01
Total	0.08	0.68	0.57	0.00	0.06	0.06
Off-Airport Electricity Production (lbs/day)						
Terminal Components	0.90	2.30	13.76	0.10	1.25	1.25
Ground Access Components	0.11	0.28	1.65	0.01	0.15	0.15
Total	1.01	2.58	15.41	0.11	1.39	1.39

Table 12
LAX SPAS
Energy Emissions
Staff-Recommended Alternative

5/14/2012

Unmitigated Operational Emissions - Electricity (MT/year)						
Category	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Airfield/Terminal Components						
Electricity	0.00	14,299.97	14,299.97	0.33	0.13	14,346.38
Natural Gas	0.00	121.22	121.22	0.00	0.00	121.96
Energy Subtotal	0.00	14,421.19	14,421.19	0.33	0.13	14,468.34
Waste	284.80	0.00	284.80	16.83	0.00	638.25
Water	0.00	1,103.74	1,103.74	3.05	0.08	1,193.98
Total	284.80	15,524.93	15,809.73	20.21	0.21	16,300.57
Ground Access Components						
Electricity	0.00	1,712.32	1,712.32	0.04	0.02	1,717.87
Natural Gas	0.00	14.51	14.51	0.00	0.00	14.60
Energy Subtotal	0.00	1,726.83	1,726.83	0.04	0.02	1,732.47
Waste	34.10	0.00	34.10	2.02	0.00	76.43
Water	0.00	132.16	132.16	0.36	0.01	142.97
Total	34.10	1,858.99	1,893.09	2.42	0.03	1,951.87
Grand Total						
Electricity	0.00	16,012.29	16,012.29	0.37	0.15	16,064.25
Natural Gas	0.00	135.73	135.73	0.00	0.00	136.56
Energy Subtotal	0.00	16,148.02	16,148.02	0.37	0.15	16,200.81
Waste	318.90	0.00	318.90	18.85	0.00	714.68
Water	0.00	1,235.90	1,235.90	3.41	0.09	1,336.95
Total	318.90	17,383.92	17,702.82	22.63	0.24	18,252.44

Unmitigated Operational Emissions - Electricity (short tons/year)						
VOC	NOx	CO	SO2	PM10	PM2.5	
0.75	1.91	11.42	0.08	1.03	1.03	Subtotal
0.16	0.42	2.51	0.02	0.23	0.23	In South Coast Air Basin [4]
0.09	0.23	1.37	0.01	0.12	0.12	Subtotal
0.02	0.05	0.30	0.00	0.03	0.03	In South Coast Air Basin [4]
0.84	2.14	12.79	0.09	1.16	1.16	Total
0.18	0.47	2.81	0.02	0.25	0.25	In South Coast Air Basin [4]

16,012 MT CO₂/year (from combustion) = Cell D25
35,300,695 lbs CO₂/year = MT x 1000 kg/MT x 2.2046 lbs/kg
44 lbs CO₂/lbmole CO₂ = Molecular Weight of CO₂
802,289 lbmoles CO₂/year = lbs CO₂/(44 lbs CO₂/lbmole CO₂)
802,289 lbmoles CH₄ consumed/year (assume Natural Gas is 100% CH₄)
16 lbs CH₄/lbmole CH₄ = Molecular Weight of CH₄
359 ft³/lbmole for ideal gas at 1 atm and 0°C (32°F).
379.43 ft³/lbmole for ideal gas at 1 atm and 60°F (standard molar volume)
1,010 BTU/ft³ CH₄ = Higher Heating Value of CH₄ @ 60°F
304,413,048 ft³ CH₄ consumed/year @ 60°F = lbmoles consumed x molar volume @ 60°F
307,457,178,130 BTU CH₄ consumed/year @ 60°F = lbmoles consumed x molar volume @ 60°F
307,457 MMBTU/year Natural Gas Consumption for Electricity Production
26,883,350 kWh Annual Electric Power Production
0.01144 MMBtu NG/kWh

Emission Factor	VOC	NOx	CO	SO2	PM10	PM2.5
	5.5 lb/MMscf[1]	0.15 lb/MWh[2]	84 lb/MMscf[1]	0.6 lb/MMscf[1]	7.6 lb/MMscf[1]	7.6 lb/MMscf[3]

References:

- [1] U.S. Environmental Protection Agency (USEPA). AP42 - Compilation of Air Pollutant Emission Factors, 5th Edition, Section 1.4 "Natural Gas Combustion" (July 1998).
- [2] South Coast Air Quality Management District (SCAQMD). Rule 1135 - Emissions of Oxides of Nitrogen from Electric Power Generating Systems (July 1991), Paragraph (c)(2).
- [3] Assumed PM2.5 emission factor was equal to the PM10 emission factor.

Table 13

Staff-Recommended Alternative (SRA)

Note: 3,000,000 m should be added to Y (m) location values to get full UTM Northing (m) coordinate in 1984 WGS.

Peak Concentrations

Pollutant	Averaging Time	Concentration (ug/m3)	Location	
			X (m)	Y (m)
CO	1-hr	3,828	368563	757880
	8-hr	1,390	370998	757293
NO2	1-hr	1,180	372622	756509
	1-hr NAAQS	521	372700	756511
SO2	1-hr	486	372622	756509
	1-hr NAAQS	274	372622	756509
	3-hr	218	372622	756509
	24-hr	52	372622	756509
PM10	24-hr	43	370400	756850
PM2.5	24-hr	15	370400	756850

Incremental Concentrations

Pollutant	Averaging Time	Concentration (ug/m3)	Location	
			X (m)	Y (m)
CO	1-hr	1,856	368636	757926
	8-hr	487	372622	756509
NO2	1-hr	686	372622	756509
	1-hr NAAQS	189	372700	756511
SO2	1-hr	273	372622	756509
	1-hr NAAQS	104	371005	757357
	3-hr	92	372622	756509
	24-hr	19	372622	756509
PM10	24-hr	2	373367	757786
PM2.5	24-hr	2	372622	756509

Total Concentrations

Pollutant	Averaging Time	CAAQS (ug/m3)	NAAQS (ug/m3)
CO	1-hr	6,437	6,437
	8-hr	3,384	2,949
NO2	1-hr	863	313
SO2	1-hr	339	140
	3-hr	N/A	103
	24-hr	35	35

CAAQS Significance

Pollutant	Averaging Time	Concentration (ug/m3)	Threshold (ug/m3)	Significant?
CO	1-hr	6,437	23,000	No
	8-hr	3,384	10,000	No
NO2	1-hr	863	339	Yes
SO2	1-hr	339	655	No
	24-hr	35	105	No

NAAQS Significance

Pollutant	Averaging Time	Concentration (ug/m3)	Threshold (ug/m3)	Significant?
CO	1-hr	6,437	40,000	No
	8-hr	2,949	10,000	No
NO2	1-hr	313	188	Yes
SO2	1-hr	140	196	No
	3-hr	103	1,300	No
	24-hr	35	366	No

SCAQMD Significance

Pollutant	Averaging Time	Concentration (ug/m3)	Threshold (ug/m3)	Significant?
PM10	24-hr	2.4	2.5	No
PM2.5	24-hr	2.1	2.5	No

Note:

The 1971 SO2 national standards (24-hour and annual) were revoked on June 22, 2010; however, they will remain in effect until one year after an area is designated for the 2010 standard. Since the USEPA has not yet designated areas for the 2010 standard, the revoked SO2 standards are still included in this analysis.

Table 14							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration ($\mu\text{g}/\text{m}^3$)		Project Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration (CAAQS/NAAQs) ($\mu\text{g}/\text{m}^3$)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	991	1,187	196	4,777
Receptor_10	Recreational	367032	756191	966	1,685	719	5,299
Receptor_100	Residential	369791	758318	1,690	1,992	302	4,883
Receptor_101	Residential	369881	758318	1,756	1,849	93	4,674
Receptor_102	Residential	369972	758318	1,822	1,689	-132	4,448
Receptor_103	Residential	370062	758318	1,856	1,602	-254	4,326
Receptor_104	Residential	370153	758318	1,846	1,563	-283	4,298
Receptor_105	Residential	370243	758318	1,884	1,549	-334	4,247
Receptor_106	School	370247	758254	1,946	1,592	-355	4,226
Receptor_107	School	370250	758189	2,016	1,640	-376	4,205
Receptor_108	School	370308	758196	2,053	1,656	-397	4,184
Receptor_109	School	370361	758236	2,024	1,643	-380	4,200
Receptor_11	Recreational	366993	756279	1,042	1,555	513	5,094
Receptor_110	School	370415	758275	1,976	1,624	-352	4,229
Receptor_111	Residential	370408	758347	1,900	1,568	-332	4,249
Receptor_112	Residential	370490	758344	1,867	1,582	-285	4,296
Receptor_113	Residential	370572	758341	1,854	1,601	-253	4,327
Receptor_114	Residential	370654	758338	1,791	1,614	-177	4,404
Receptor_115	Residential	370735	758335	1,604	1,588	-16	4,565
Receptor_116	Residential	370817	758333	1,522	1,529	7	4,588
Receptor_117	Offsite Worker	370814	758243	1,625	1,676	51	4,632
Receptor_118	Offsite Worker	370810	758153	1,724	1,821	97	4,677
Receptor_119	Offsite Worker	370807	758063	1,809	1,957	148	4,729
Receptor_12	Recreational	366954	756367	1,065	1,546	481	5,062
Receptor_120	Offsite Worker	370803	757974	1,868	2,087	220	4,800
Receptor_121	Offsite Worker	370835	757927	1,866	2,152	287	4,867
Receptor_122	Offsite Worker	370868	757880	1,924	2,235	311	4,891
Receptor_123	Offsite Worker	370921	757884	1,864	2,256	392	4,973
Receptor_124	Offsite Worker	370975	757887	1,793	2,316	523	5,104
Receptor_125	Offsite Worker	370975	757794	1,801	2,700	899	5,480
Receptor_126	Offsite Worker	371026	757794	1,798	2,857	1,059	5,640
Receptor_127	Offsite Worker	371076	757877	1,673	2,557	883	5,464
Receptor_128	Offsite Worker	371126	757959	1,578	2,335	757	5,337
Receptor_129	Offsite Worker	371119	758031	1,551	2,121	570	5,151
Receptor_13	Recreational	366916	756456	1,057	1,562	506	5,087
Receptor_130	Residential	371183	758027	1,504	2,203	699	5,279
Receptor_131	Residential	371248	758024	1,494	2,251	757	5,338
Receptor_132	Residential	371326	758075	1,456	2,151	696	5,276
Receptor_133	Residential	371404	758127	1,411	2,048	636	5,217
Receptor_134	Residential	371481	758178	1,367	1,957	590	5,171
Receptor_135	Residential	371559	758230	1,320	1,878	558	5,139
Receptor_136	Residential	371637	758281	1,274	1,808	534	5,115
Receptor_137	Residential	371715	758333	1,228	1,730	502	5,083
Receptor_138	Residential	371769	758261	1,194	1,654	461	5,041
Receptor_139	Residential	371822	758189	1,193	1,506	313	4,894
Receptor_14	Recreational	366877	756544	1,052	1,516	465	5,046

Table 14							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration ($\mu\text{g}/\text{m}^3$)		Project Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration (CAAQS/NAQS) ($\mu\text{g}/\text{m}^3$)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	1,317	1,551	234	4,815
Receptor_141	Residential	371894	758081	1,395	1,748	353	4,933
Receptor_142	Residential	371959	758074	1,365	1,760	395	4,976
Receptor_143	Offsite Worker	371953	757977	1,383	1,816	433	5,014
Receptor_144	Offsite Worker	371948	757880	1,294	1,829	536	5,116
Receptor_145	Offsite Worker	371943	757783	1,388	1,755	367	4,948
Receptor_146	Offsite Worker	372016	757794	1,323	1,657	334	4,915
Receptor_147	Offsite Worker	372102	757791	1,268	1,527	259	4,840
Receptor_148	Offsite Worker	372178	757760	1,219	1,372	153	4,734
Receptor_149	Offsite Worker	372177	757670	1,245	1,489	245	4,826
Receptor_15	Recreational	366839	756632	1,053	1,427	374	4,955
Receptor_150	Offsite Worker	372176	757579	1,303	1,647	345	4,925
Receptor_151	Offsite Worker	372174	757489	1,443	1,674	231	4,812
Receptor_152	Offsite Worker	372173	757398	1,568	1,777	209	4,790
Receptor_153	Offsite Worker	372171	757308	1,529	1,972	443	5,024
Receptor_154	Offsite Worker	372055	757309	1,634	1,951	317	4,898
Receptor_155	Residential	372055	757363	1,654	1,794	140	4,721
Receptor_156	Offsite Worker	372055	757416	1,565	1,683	118	4,699
Receptor_157	Offsite Worker	371952	757442	1,450	1,847	398	4,979
Receptor_158	Offsite Worker	371950	757345	1,733	1,755	22	4,603
Receptor_159	Offsite Worker	371864	757344	1,719	1,708	-11	4,569
Receptor_16	Recreational	366800	756720	1,047	1,323	277	4,858
Receptor_160	Offsite Worker	371790	757347	1,653	1,802	149	4,730
Receptor_161	Offsite Worker	371708	757356	1,578	1,926	347	4,928
Receptor_162	Offsite Worker	371615	757356	1,560	2,060	500	5,081
Receptor_163	Offsite Worker	371523	757356	1,612	2,205	592	5,173
Receptor_164	Offsite Worker	371430	757356	1,700	2,368	669	5,249
Receptor_165	Offsite Worker	371338	757356	1,785	2,550	765	5,346
Receptor_166	Offsite Worker	371245	757356	1,829	2,767	938	5,519
Receptor_167	Offsite Worker	371153	757356	1,853	3,013	1,159	5,740
Receptor_168	Offsite Worker	371061	757356	1,936	3,276	1,341	5,921
Receptor_169	Offsite Worker	371005	757357	2,042	3,445	1,403	5,984
Receptor_17	Recreational	366762	756809	1,039	1,326	288	4,868
Receptor_170	Offsite Worker	370998	757293	2,224	3,224	1,000	5,580
Receptor_171	Offsite Worker	370998	757194	2,307	3,286	979	5,560
Receptor_172	Offsite Worker	370998	757096	2,616	2,803	187	4,768
Receptor_173	Offsite Worker	370998	756998	3,350	2,804	-546	4,035
Receptor_174	Offsite Worker	371057	756997	2,810	2,684	-126	4,455
Receptor_175	Offsite Worker	371153	756997	2,335	2,454	119	4,700
Receptor_176	Offsite Worker	371249	756997	2,513	2,470	-43	4,538
Receptor_177	Offsite Worker	371345	756997	2,549	2,687	138	4,719
Receptor_178	Offsite Worker	371440	756997	2,177	2,714	537	5,117
Receptor_179	Offsite Worker	371536	756997	2,089	2,735	646	5,226
Receptor_18	Recreational	366723	756897	1,010	1,296	286	4,867
Receptor_180	Offsite Worker	371632	756997	2,055	2,687	632	5,213
Receptor_181	Offsite Worker	371728	756997	1,961	2,558	597	5,178

Table 14						
LAX SPAS						IFRW Flight Rule
Operational Concentrations						CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	Total Concentration (CAAQS/NAQS) (µg/m³)
Receptor_182	Offsite Worker	371824	756997	1,811	2,373	562
Receptor_183	Offsite Worker	371920	756997	1,627	2,161	534
Receptor_184	Offsite Worker	372016	756997	1,431	1,948	517
Receptor_185	Offsite Worker	372111	756997	1,302	1,742	440
Receptor_186	Offsite Worker	372207	756997	1,214	1,591	377
Receptor_187	Offsite Worker	372303	756997	1,173	1,475	302
Receptor_188	Offsite Worker	372399	756997	1,134	1,724	590
Receptor_189	Offsite Worker	372495	756997	1,102	1,989	886
Receptor_19	Recreational	366685	756985	1,006	1,244	238
Receptor_190	Offsite Worker	372591	756997	1,073	2,057	985
Receptor_191	Offsite Worker	372610	757063	1,065	1,888	824
Receptor_192	Offsite Worker	372612	757132	1,045	1,525	480
Receptor_193	Offsite Worker	372614	757201	1,063	1,409	345
Receptor_194	Offsite Worker	372616	757270	1,087	1,521	434
Receptor_195	Offsite Worker	372627	757351	1,204	1,635	430
Receptor_196	Offsite Worker	372651	757422	1,252	1,677	425
Receptor_197	Offsite Worker	372676	757494	1,267	1,668	401
Receptor_198	Offsite Worker	372704	757569	1,275	1,609	334
Receptor_199	Offsite Worker	372733	757645	1,279	1,507	228
Receptor_2	Recreational	367340	755485	975	1,122	146
Receptor_20	Recreational	366646	757074	989	1,207	218
Receptor_200	Offsite Worker	372746	757702	1,257	1,403	147
Receptor_201	Offsite Worker	372746	757768	1,196	1,257	61
Receptor_202	Offsite Worker	372807	757781	1,191	1,273	82
Receptor_203	Offsite Worker	372901	757782	1,196	1,373	177
Receptor_204	Offsite Worker	372994	757783	1,182	1,432	250
Receptor_205	Offsite Worker	373087	757783	1,149	1,467	317
Receptor_206	Offsite Worker	373180	757784	1,107	1,476	369
Receptor_207	Offsite Worker	373274	757785	1,060	1,464	404
Receptor_208	Offsite Worker	373367	757786	1,011	1,435	424
Receptor_209	Offsite Worker	373418	757742	949	1,379	429
Receptor_21	Recreational	366607	757162	964	1,186	222
Receptor_210	Offsite Worker	373418	757653	893	1,303	410
Receptor_211	Offsite Worker	373419	757564	882	1,221	339
Receptor_212	Offsite Worker	373419	757475	852	1,192	341
Receptor_213	Offsite Worker	373420	757386	844	1,268	424
Receptor_214	Offsite Worker	373420	757297	864	1,409	545
Receptor_215	Offsite Worker	373421	757207	879	1,454	575
Receptor_216	Offsite Worker	373421	757118	899	1,366	467
Receptor_217	Offsite Worker	373292	757117	902	1,486	583
Receptor_218	Offsite Worker	373213	757118	918	1,550	632
Receptor_219	Offsite Worker	373158	757066	938	1,585	646
Receptor_22	Recreational	366569	757250	967	1,175	207
Receptor_220	Offsite Worker	373084	757026	994	1,639	646
Receptor_221	Offsite Worker	373009	757011	1,013	1,713	700
Receptor_222	Offsite Worker	372922	757009	987	1,786	799

Table 14							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	1,006	1,802	796	5,377
Receptor_224	Offsite Worker	372747	757006	1,028	1,735	707	5,288
Receptor_225	Offsite Worker	372660	757004	1,051	1,889	837	5,418
Receptor_226	Offsite Worker	372651	757063	1,053	1,905	852	5,433
Receptor_227	Offsite Worker	372629	756931	1,111	1,988	877	5,458
Receptor_228	Offsite Worker	372631	756857	1,125	2,198	1,073	5,653
Receptor_229	Offsite Worker	372634	756783	1,251	2,087	836	5,416
Receptor_23	Recreational	366530	757338	970	1,212	242	4,823
Receptor_230	Offsite Worker	372702	756778	1,260	2,053	793	5,373
Receptor_231	Offsite Worker	372756	756775	1,272	2,020	748	5,329
Receptor_232	Offsite Worker	372729	756712	1,431	2,100	669	5,250
Receptor_233	Offsite Worker	372703	756650	1,650	2,167	516	5,097
Receptor_234	Offsite Worker	372677	756588	1,872	2,471	599	5,180
Receptor_235	Offsite Worker	372619	756588	1,933	2,481	547	5,128
Receptor_236	Offsite Worker	372622	756509	2,368	3,161	792	5,373
Receptor_237	Offsite Worker	372700	756511	2,331	3,018	687	5,268
Receptor_238	Offsite Worker	372789	756510	2,274	2,834	560	5,141
Receptor_239	Offsite Worker	372871	756509	2,189	2,650	461	5,042
Receptor_24	Recreational	366492	757427	970	1,229	258	4,839
Receptor_240	Offsite Worker	372871	756437	2,559	2,777	218	4,799
Receptor_241	Offsite Worker	372970	756437	2,276	2,467	191	4,772
Receptor_242	Offsite Worker	373069	756437	2,052	2,239	187	4,768
Receptor_243	Offsite Worker	373168	756437	1,869	2,104	235	4,816
Receptor_244	Offsite Worker	373267	756437	1,718	1,991	273	4,854
Receptor_245	Offsite Worker	373412	756437	1,538	1,850	312	4,893
Receptor_246	Offsite Worker	373409	756339	1,413	1,990	576	5,157
Receptor_247	Offsite Worker	373406	756240	1,466	2,030	564	5,145
Receptor_248	Offsite Worker	373403	756142	1,412	2,043	632	5,212
Receptor_249	Offsite Worker	373400	756042	1,593	1,869	277	4,857
Receptor_25	Recreational	366453	757515	971	1,229	257	4,838
Receptor_250	Offsite Worker	373397	755944	1,644	1,754	110	4,691
Receptor_251	Offsite Worker	373393	755846	1,604	1,783	179	4,760
Receptor_252	Offsite Worker	373390	755747	1,515	1,765	250	4,831
Receptor_253	Offsite Worker	373309	755744	1,533	1,796	264	4,844
Receptor_254	Offsite Worker	373229	755743	1,556	1,825	269	4,850
Receptor_255	Offsite Worker	373143	755741	1,588	1,854	266	4,847
Receptor_256	Offsite Worker	373143	755823	1,674	1,907	233	4,813
Receptor_257	Offsite Worker	373143	755906	1,802	1,948	145	4,726
Receptor_258	Offsite Worker	373065	755906	1,841	1,993	152	4,733
Receptor_259	Offsite Worker	373065	755827	1,750	1,942	192	4,773
Receptor_26	Recreational	366415	757603	990	1,220	230	4,810
Receptor_260	Offsite Worker	373068	755733	1,592	1,876	284	4,865
Receptor_261	Offsite Worker	373007	755733	1,600	1,899	299	4,880
Receptor_262	Offsite Worker	372941	755733	1,615	1,929	313	4,894
Receptor_263	Offsite Worker	372941	755636	1,606	1,922	315	4,896
Receptor_264	Offsite Worker	372941	755539	1,619	1,887	268	4,849

Table 14							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	1,564	1,805	241	4,822
Receptor_266	Offsite Worker	372913	755342	1,670	1,611	-59	4,522
Receptor_267	Offsite Worker	372817	755346	1,786	1,710	-76	4,505
Receptor_268	Offsite Worker	372720	755349	1,872	1,781	-91	4,490
Receptor_269	Offsite Worker	372624	755352	1,880	1,782	-99	4,482
Receptor_27	Recreational	366376	757692	1,002	1,209	207	4,788
Receptor_270	Offsite Worker	372527	755349	1,831	1,733	-98	4,482
Receptor_271	Offsite Worker	372431	755353	1,788	1,712	-77	4,504
Receptor_272	Offsite Worker	372334	755356	1,770	1,726	-44	4,537
Receptor_273	Offsite Worker	372237	755359	1,748	1,741	-7	4,574
Receptor_274	Offsite Worker	372141	755362	1,669	1,734	65	4,646
Receptor_275	Offsite Worker	372044	755366	1,602	1,721	119	4,700
Receptor_276	Offsite Worker	371948	755369	1,615	1,684	69	4,650
Receptor_277	Offsite Worker	371851	755372	1,943	1,635	-308	4,272
Receptor_278	Offsite Worker	371755	755375	2,235	1,603	-632	3,949
Receptor_279	Offsite Worker	371658	755378	2,401	1,600	-801	3,780
Receptor_28	Residential	366338	757780	997	1,201	204	4,785
Receptor_280	Offsite Worker	371562	755382	2,223	1,605	-617	3,963
Receptor_281	Offsite Worker	371465	755385	2,091	1,627	-464	4,117
Receptor_282	Offsite Worker	371368	755388	2,026	1,656	-370	4,211
Receptor_283	Offsite Worker	371272	755391	2,017	1,699	-318	4,263
Receptor_284	Offsite Worker	371175	755395	2,050	1,787	-262	4,318
Receptor_285	Offsite Worker	371079	755398	2,094	1,940	-153	4,427
Receptor_286	Offsite Worker	371042	755478	2,193	1,926	-267	4,314
Receptor_287	Offsite Worker	371009	755538	2,283	1,946	-337	4,244
Receptor_288	Offsite Worker	370975	755597	2,385	1,976	-409	4,171
Receptor_289	Offsite Worker	370925	755597	2,420	2,043	-377	4,204
Receptor_29	Residential	366402	757746	1,011	1,214	203	4,783
Receptor_290	Offsite Worker	370860	755547	2,420	2,244	-176	4,405
Receptor_291	Offsite Worker	370796	755497	2,433	2,710	277	4,858
Receptor_292	Offsite Worker	370733	755428	2,743	2,615	-128	4,453
Receptor_293	Offsite Worker	370634	755428	3,112	2,879	-232	4,348
Receptor_294	Offsite Worker	370536	755428	3,153	3,129	-25	4,556
Receptor_295	Offsite Worker	370437	755428	3,010	3,289	279	4,859
Receptor_296	Offsite Worker	370338	755427	2,634	3,306	671	5,252
Receptor_297	Residential	370239	755427	2,295	2,892	597	5,178
Receptor_298	Residential	370138	755427	1,981	2,731	750	5,331
Receptor_299	Residential	370040	755427	2,059	2,646	587	5,168
Receptor_3	Recreational	367301	755573	977	1,132	155	4,736
Receptor_30	Residential	366467	757713	1,024	1,227	203	4,784
Receptor_300	Residential	369941	755426	2,131	2,635	504	5,085
Receptor_301	Residential	369842	755426	2,366	2,440	74	4,655
Receptor_302	School	369741	755435	2,146	2,425	278	4,859
Receptor_303	School	369643	755434	2,328	2,317	-11	4,570
Receptor_304	Residential	369544	755434	2,343	2,375	31	4,612
Receptor_305	Residential	369445	755434	2,350	2,594	244	4,824

Table 14							IFRW Flight Rule
LAX SPAS							CO, 1-Hour Averaging Time
Operational Concentrations							
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	2,076	2,298	222	4,803
Receptor_307	Offsite Worker	369249	755442	1,689	2,296	606	5,187
Receptor_308	Offsite Worker	369151	755442	1,706	2,313	607	5,188
Receptor_309	Offsite Worker	369052	755442	1,694	2,231	537	5,118
Receptor_31	Residential	366531	757679	1,035	1,241	206	4,787
Receptor_310	Residential	368953	755441	1,645	2,054	409	4,990
Receptor_311	Residential	368854	755441	1,557	1,850	292	4,873
Receptor_312	Residential	368755	755441	1,438	1,771	334	4,914
Receptor_313	Residential	368657	755441	1,308	1,878	570	5,151
Receptor_314	Residential	368558	755440	1,344	1,987	644	5,225
Receptor_315	Residential	368459	755440	1,374	2,074	700	5,281
Receptor_316	Residential	368360	755440	1,383	2,123	740	5,320
Receptor_317	Residential	368262	755439	1,372	2,123	751	5,332
Receptor_318	Residential	368186	755427	1,346	2,081	735	5,316
Receptor_319	Residential	368111	755414	1,316	2,027	710	5,291
Receptor_32	Residential	366567	757773	1,039	1,305	266	4,847
Receptor_320	Offsite Worker	368035	755402	1,285	1,963	678	5,259
Receptor_321	Offsite Worker	367960	755389	1,253	1,894	640	5,221
Receptor_322	Offsite Worker	367863	755390	1,211	1,776	565	5,146
Receptor_323	Offsite Worker	367766	755392	1,164	1,638	474	5,055
Receptor_324	Offsite Worker	367669	755393	1,116	1,500	383	4,964
Receptor_325	Offsite Worker	367572	755394	1,069	1,374	305	4,886
Receptor_326	Offsite Worker	367475	755395	1,024	1,269	246	4,826
Receptor_327	On-Site Occupational	370400	756850	3,224	2,581	-643	3,938
Receptor_33	Residential	366625	757758	1,054	1,328	275	4,855
Receptor_34	Residential	366682	757744	1,068	1,353	284	4,865
Receptor_35	Residential	366768	757788	1,091	1,436	344	4,925
Receptor_36	Residential	366854	757833	1,141	1,515	373	4,954
Receptor_37	Residential	366941	757877	1,181	1,590	408	4,989
Receptor_38	Residential	367027	757922	1,198	1,658	460	5,041
Receptor_39	Residential	367113	757966	1,180	1,715	535	5,115
Receptor_4	Recreational	367263	755661	980	1,267	287	4,867
Receptor_40	Residential	367192	757916	1,237	1,759	522	5,103
Receptor_41	Residential	367264	757916	1,249	1,807	557	5,138
Receptor_42	Residential	367335	757916	1,259	1,856	597	5,178
Receptor_43	Residential	367343	757966	1,185	1,850	665	5,246
Receptor_44	Residential	367404	757995	1,201	1,863	662	5,243
Receptor_45	Residential	367465	758024	1,244	1,849	605	5,186
Receptor_46	School	367504	757948	1,238	1,958	720	5,301
Receptor_47	School	367544	757873	1,341	2,022	681	5,261
Receptor_48	School	367587	757909	1,278	2,044	766	5,347
Receptor_49	School	367623	757866	1,361	2,094	734	5,315
Receptor_5	Recreational	367224	755749	982	1,344	361	4,942
Receptor_50	School	367694	757866	1,364	2,161	797	5,378
Receptor_51	School	367716	757927	1,366	2,104	738	5,319
Receptor_52	School	367737	757988	1,426	2,076	650	5,231

Table 14							
LAX SPAS						IFRW Flight Rule	
Operational Concentrations						CO, 1-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	
Receptor ID	Type	X	Y	Baseline	SRA	Total Concentration (CAAQS/NAQS) (µg/m³)	
						SRA	
Receptor_53	School	367727	758067	1,443	2,010	567	5,148
Receptor_54	School	367716	758146	1,404	1,878	474	5,055
Receptor_55	Residential	367673	758189	1,359	1,798	439	5,020
Receptor_56	School	367723	758254	1,285	1,718	434	5,014
Receptor_57	School	367784	758221	1,316	1,762	446	5,027
Receptor_58	School	367845	758189	1,349	1,808	459	5,039
Receptor_59	Residential	367816	758096	1,467	1,972	505	5,086
Receptor_6	Recreational	367186	755838	990	1,375	385	4,966
Receptor_60	Residential	367898	758066	1,514	2,030	516	5,097
Receptor_61	Residential	367980	758035	1,565	2,093	528	5,109
Receptor_62	Residential	368062	758005	1,617	2,153	536	5,116
Receptor_63	Residential	368144	757975	1,673	2,213	540	5,120
Receptor_64	Residential	368226	757945	1,731	2,288	556	5,137
Receptor_65	Residential	368301	757943	1,714	2,484	770	5,351
Receptor_66	Residential	368376	757941	1,728	2,868	1,141	5,721
Receptor_67	Residential	368452	757940	1,820	3,128	1,308	5,888
Receptor_68	Residential	368527	757938	1,894	3,567	1,673	6,254
Receptor_69	Residential	368563	757880	1,997	3,828	1,831	6,412
Receptor_7	Recreational	367147	755926	972	1,554	581	5,162
Receptor_70	Residential	368636	757926	1,890	3,747	1,856	6,437
Receptor_71	Residential	368709	757971	1,715	3,333	1,618	6,199
Receptor_72	Residential	368782	758017	1,669	3,068	1,399	5,980
Receptor_73	Residential	368855	758062	1,631	2,774	1,143	5,724
Receptor_74	Residential	368928	758108	1,561	2,472	911	5,492
Receptor_75	Residential	369001	758153	1,566	2,668	1,102	5,682
Receptor_76	Residential	369058	758074	1,658	2,918	1,260	5,841
Receptor_77	Residential	369102	758103	1,668	2,946	1,278	5,859
Receptor_78	Residential	369145	758132	1,653	2,894	1,241	5,822
Receptor_79	Residential	369200	758065	1,718	2,993	1,276	5,857
Receptor_8	Recreational	367109	756014	974	1,681	707	5,288
Receptor_80	Residential	369255	757998	1,816	3,036	1,220	5,801
Receptor_81	Residential	369310	757931	1,947	3,026	1,079	5,660
Receptor_82	Residential	369356	757981	1,887	2,896	1,009	5,590
Receptor_83	Residential	369403	758031	1,921	2,661	740	5,320
Receptor_84	Recreational	369336	758100	1,744	2,636	891	5,472
Receptor_85	Recreational	369269	758170	1,667	2,568	901	5,482
Receptor_86	Recreational	369202	758239	1,570	2,584	1,015	5,595
Receptor_87	Recreational	369264	758285	1,570	2,378	808	5,389
Receptor_88	Recreational	369326	758330	1,516	2,241	725	5,306
Receptor_89	Recreational	369389	758376	1,629	2,102	473	5,054
Receptor_9	Recreational	367070	756103	946	1,730	784	5,364
Receptor_90	Recreational	369389	758462	1,581	1,993	412	4,993
Receptor_91	Recreational	369389	758548	1,534	1,894	360	4,941
Receptor_92	Residential	369389	758634	1,491	1,805	314	4,894
Receptor_93	Residential	369469	758630	1,615	1,708	93	4,674
Receptor_94	Residential	369549	758625	1,628	1,616	-12	4,569

Table 14							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration ($\mu\text{g}/\text{m}^3$)		Project Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration (CAAQS/NAQS) ($\mu\text{g}/\text{m}^3$)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	1,548	1,572	25	4,606
Receptor_96	Residential	369710	758617	1,429	1,679	250	4,830
Receptor_97	Residential	369791	758613	1,390	1,713	323	4,903
Receptor_98	Residential	369791	758514	1,481	1,802	321	4,901
Receptor_99	Residential	369791	758416	1,580	1,895	314	4,895

Table 15											
LAX SPAS										IFRW Flight Rule	
Operational Concentrations										CO, 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)											
Peak Values				Peak Incremental Values				Total Concentration (CAAQS/NAAQS)			
Type	1-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)		Type	1-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)		Type	1-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	2,366	369842	755426	Residential	1,856	368636	757926	Residential	6,437	368636	757926
School	2,328	369643	755434	School	797	367694	757866	School	5,378	367694	757866
Offsite Worker	3,350	370998	756998	Offsite Worker	1,403	371005	757357	Offsite Worker	5,984	371005	757357
Recreational	1,744	369336	758100	Recreational	1,015	369202	758239	Recreational	5,595	369202	758239
On-Site Occupational	3,224	370400	756850	On-Site Occupational	-643	370400	756850	On-Site Occupational	3,938	370400	756850
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	3,828	368563	757880								
School	2,425	369741	755435								
Offsite Worker	3,445	371005	757357								
Recreational	2,636	369336	758100								
On-Site Occupational	2,581	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Background concentration for CAAQS and NAAQS the same for averaging period.											

Table 16								IFRW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	324	423	98	2,996	2,560
Receptor_10	Recreational	367032	756191	405	588	182	3,080	2,645
Receptor_100	Residential	369791	758318	632	642	10	2,907	2,472
Receptor_101	Residential	369881	758318	614	643	29	2,927	2,491
Receptor_102	Residential	369972	758318	577	658	81	2,978	2,543
Receptor_103	Residential	370062	758318	575	667	92	2,989	2,554
Receptor_104	Residential	370153	758318	594	669	75	2,972	2,537
Receptor_105	Residential	370243	758318	604	658	54	2,951	2,516
Receptor_106	School	370247	758254	632	685	53	2,951	2,515
Receptor_107	School	370250	758189	662	714	52	2,949	2,514
Receptor_108	School	370308	758196	658	694	35	2,933	2,498
Receptor_109	School	370361	758236	627	664	37	2,934	2,499
Receptor_11	Recreational	366993	756279	423	607	184	3,081	2,646
Receptor_110	School	370415	758275	589	637	49	2,946	2,511
Receptor_111	Residential	370408	758347	558	613	54	2,952	2,517
Receptor_112	Residential	370490	758344	554	589	35	2,932	2,497
Receptor_113	Residential	370572	758341	568	578	10	2,907	2,472
Receptor_114	Residential	370654	758338	568	580	11	2,909	2,474
Receptor_115	Residential	370735	758335	559	587	28	2,926	2,490
Receptor_116	Residential	370817	758333	542	589	47	2,945	2,509
Receptor_117	Offsite Worker	370814	758243	573	628	56	2,953	2,518
Receptor_118	Offsite Worker	370810	758153	606	671	66	2,963	2,528
Receptor_119	Offsite Worker	370807	758063	657	718	62	2,959	2,524
Receptor_12	Recreational	366954	756367	435	616	182	3,079	2,644
Receptor_120	Offsite Worker	370803	757974	719	769	50	2,948	2,513
Receptor_121	Offsite Worker	370835	757927	753	797	44	2,941	2,506
Receptor_122	Offsite Worker	370868	757880	781	849	68	2,965	2,530
Receptor_123	Offsite Worker	370921	757884	754	854	100	2,997	2,562
Receptor_124	Offsite Worker	370975	757887	719	858	139	3,036	2,601
Receptor_125	Offsite Worker	370975	757794	788	1,006	218	3,116	2,680
Receptor_126	Offsite Worker	371026	757794	801	1,046	245	3,142	2,707
Receptor_127	Offsite Worker	371076	757877	709	921	213	3,110	2,675
Receptor_128	Offsite Worker	371126	757959	652	824	172	3,069	2,634
Receptor_129	Offsite Worker	371119	758031	608	753	145	3,043	2,607
Receptor_13	Recreational	366916	756456	439	616	177	3,074	2,639
Receptor_130	Residential	371183	758027	609	761	153	3,050	2,615
Receptor_131	Residential	371248	758024	611	790	179	3,076	2,641
Receptor_132	Residential	371326	758075	583	756	173	3,070	2,635
Receptor_133	Residential	371404	758127	556	723	166	3,064	2,628
Receptor_134	Residential	371481	758178	533	693	160	3,058	2,623
Receptor_135	Residential	371559	758230	510	666	156	3,053	2,618
Receptor_136	Residential	371637	758281	490	643	153	3,050	2,615
Receptor_137	Residential	371715	758333	472	619	147	3,045	2,609
Receptor_138	Residential	371769	758261	506	681	175	3,072	2,637
Receptor_139	Residential	371822	758189	566	713	147	3,044	2,609
Receptor_14	Recreational	366877	756544	440	608	168	3,065	2,630

Table 16								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	653	697	44	2,941	2,506
Receptor_141	Residential	371894	758081	744	712	-32	2,866	2,430
Receptor_142	Residential	371959	758074	723	686	-37	2,860	2,425
Receptor_143	Offsite Worker	371953	757977	778	701	-77	2,820	2,385
Receptor_144	Offsite Worker	371948	757880	740	725	-15	2,882	2,447
Receptor_145	Offsite Worker	371943	757783	802	770	-32	2,865	2,430
Receptor_146	Offsite Worker	372016	757794	751	736	-15	2,882	2,447
Receptor_147	Offsite Worker	372102	757791	708	706	-2	2,895	2,460
Receptor_148	Offsite Worker	372178	757760	675	685	9	2,907	2,472
Receptor_149	Offsite Worker	372177	757670	680	689	10	2,907	2,472
Receptor_15	Recreational	366839	756632	441	595	154	3,051	2,616
Receptor_150	Offsite Worker	372176	757579	675	680	4	2,902	2,467
Receptor_151	Offsite Worker	372174	757489	659	658	-1	2,896	2,461
Receptor_152	Offsite Worker	372173	757398	639	688	49	2,947	2,512
Receptor_153	Offsite Worker	372171	757308	624	718	94	2,991	2,556
Receptor_154	Offsite Worker	372055	757309	684	702	17	2,915	2,480
Receptor_155	Residential	372055	757363	708	680	-28	2,870	2,435
Receptor_156	Offsite Worker	372055	757416	724	691	-32	2,865	2,430
Receptor_157	Offsite Worker	371952	757442	800	754	-47	2,851	2,416
Receptor_158	Offsite Worker	371950	757345	823	724	-99	2,798	2,363
Receptor_159	Offsite Worker	371864	757344	919	772	-147	2,750	2,315
Receptor_16	Recreational	366800	756720	441	580	138	3,035	2,600
Receptor_160	Offsite Worker	371790	757347	949	812	-138	2,760	2,324
Receptor_161	Offsite Worker	371708	757356	945	855	-89	2,808	2,373
Receptor_162	Offsite Worker	371615	757356	977	905	-72	2,825	2,390
Receptor_163	Offsite Worker	371523	757356	1,029	948	-82	2,816	2,381
Receptor_164	Offsite Worker	371430	757356	1,086	988	-98	2,799	2,364
Receptor_165	Offsite Worker	371338	757356	1,150	1,029	-122	2,776	2,341
Receptor_166	Offsite Worker	371245	757356	1,220	1,086	-134	2,763	2,328
Receptor_167	Offsite Worker	371153	757356	1,298	1,183	-115	2,782	2,347
Receptor_168	Offsite Worker	371061	757356	1,382	1,285	-97	2,800	2,365
Receptor_169	Offsite Worker	371005	757357	1,434	1,360	-75	2,823	2,388
Receptor_17	Recreational	366762	756809	441	565	124	3,021	2,586
Receptor_170	Offsite Worker	370998	757293	1,512	1,390	-122	2,775	2,340
Receptor_171	Offsite Worker	370998	757194	1,588	1,358	-230	2,667	2,232
Receptor_172	Offsite Worker	370998	757096	1,702	1,198	-504	2,393	1,958
Receptor_173	Offsite Worker	370998	756998	1,949	1,241	-708	2,189	1,754
Receptor_174	Offsite Worker	371057	756997	1,678	1,170	-508	2,390	1,955
Receptor_175	Offsite Worker	371153	756997	1,524	1,127	-397	2,500	2,065
Receptor_176	Offsite Worker	371249	756997	1,628	1,127	-501	2,396	1,961
Receptor_177	Offsite Worker	371345	756997	1,367	1,023	-344	2,553	2,118
Receptor_178	Offsite Worker	371440	756997	1,128	921	-207	2,690	2,255
Receptor_179	Offsite Worker	371536	756997	981	887	-93	2,804	2,369
Receptor_18	Recreational	366723	756897	432	553	120	3,018	2,582
Receptor_180	Offsite Worker	371632	756997	882	852	-30	2,867	2,432
Receptor_181	Offsite Worker	371728	756997	802	803	2	2,899	2,464

Table 16								
LAX SPAS							IFRW Flight Rule	
Operational Concentrations							CO, 8-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	754	750	-4	2,893	2,458
Receptor_183	Offsite Worker	371920	756997	708	699	-9	2,889	2,454
Receptor_184	Offsite Worker	372016	756997	673	669	-4	2,893	2,458
Receptor_185	Offsite Worker	372111	756997	644	724	80	2,977	2,542
Receptor_186	Offsite Worker	372207	756997	631	690	59	2,956	2,521
Receptor_187	Offsite Worker	372303	756997	617	692	76	2,973	2,538
Receptor_188	Offsite Worker	372399	756997	617	717	100	2,997	2,562
Receptor_189	Offsite Worker	372495	756997	606	767	161	3,059	2,624
Receptor_19	Recreational	366685	756985	411	541	130	3,027	2,592
Receptor_190	Offsite Worker	372591	756997	601	754	153	3,050	2,615
Receptor_191	Offsite Worker	372610	757063	577	708	130	3,028	2,592
Receptor_192	Offsite Worker	372612	757132	561	655	94	2,992	2,556
Receptor_193	Offsite Worker	372614	757201	545	604	59	2,956	2,521
Receptor_194	Offsite Worker	372616	757270	531	573	42	2,939	2,504
Receptor_195	Offsite Worker	372627	757351	515	576	60	2,958	2,522
Receptor_196	Offsite Worker	372651	757422	501	569	68	2,965	2,530
Receptor_197	Offsite Worker	372676	757494	489	557	69	2,966	2,531
Receptor_198	Offsite Worker	372704	757569	478	540	62	2,959	2,524
Receptor_199	Offsite Worker	372733	757645	472	520	48	2,946	2,510
Receptor_2	Recreational	367340	755485	308	419	111	3,008	2,573
Receptor_20	Recreational	366646	757074	380	527	148	3,045	2,610
Receptor_200	Offsite Worker	372746	757702	473	507	34	2,931	2,496
Receptor_201	Offsite Worker	372746	757768	483	513	30	2,927	2,492
Receptor_202	Offsite Worker	372807	757781	465	499	34	2,931	2,496
Receptor_203	Offsite Worker	372901	757782	443	504	61	2,959	2,523
Receptor_204	Offsite Worker	372994	757783	426	501	76	2,973	2,538
Receptor_205	Offsite Worker	373087	757783	413	501	88	2,985	2,550
Receptor_206	Offsite Worker	373180	757784	403	499	96	2,994	2,559
Receptor_207	Offsite Worker	373274	757785	396	497	101	2,999	2,563
Receptor_208	Offsite Worker	373367	757786	389	492	103	3,000	2,565
Receptor_209	Offsite Worker	373418	757742	393	488	94	2,992	2,557
Receptor_21	Recreational	366607	757162	346	509	163	3,061	2,626
Receptor_210	Offsite Worker	373418	757653	408	497	89	2,987	2,551
Receptor_211	Offsite Worker	373419	757564	421	503	82	2,979	2,544
Receptor_212	Offsite Worker	373419	757475	432	503	71	2,969	2,533
Receptor_213	Offsite Worker	373420	757386	437	493	55	2,953	2,518
Receptor_214	Offsite Worker	373420	757297	437	474	37	2,934	2,499
Receptor_215	Offsite Worker	373421	757207	430	470	40	2,937	2,502
Receptor_216	Offsite Worker	373421	757118	418	473	55	2,952	2,517
Receptor_217	Offsite Worker	373292	757117	460	488	28	2,925	2,490
Receptor_218	Offsite Worker	373213	757118	489	513	24	2,921	2,486
Receptor_219	Offsite Worker	373158	757066	506	525	19	2,916	2,481
Receptor_22	Recreational	366569	757250	313	485	172	3,070	2,634
Receptor_220	Offsite Worker	373084	757026	538	553	15	2,912	2,477
Receptor_221	Offsite Worker	373009	757011	578	581	3	2,900	2,465
Receptor_222	Offsite Worker	372922	757009	591	606	14	2,912	2,476

Table 16								IFRW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	568	632	63	2,961	2,526
Receptor_224	Offsite Worker	372747	757006	578	673	96	2,993	2,558
Receptor_225	Offsite Worker	372660	757004	590	719	128	3,026	2,590
Receptor_226	Offsite Worker	372651	757063	575	701	126	3,024	2,588
Receptor_227	Offsite Worker	372629	756931	613	749	136	3,033	2,598
Receptor_228	Offsite Worker	372631	756857	628	784	156	3,053	2,618
Receptor_229	Offsite Worker	372634	756783	652	848	197	3,094	2,659
Receptor_23	Recreational	366530	757338	282	454	173	3,070	2,635
Receptor_230	Offsite Worker	372702	756778	638	844	207	3,104	2,669
Receptor_231	Offsite Worker	372756	756775	621	837	216	3,114	2,678
Receptor_232	Offsite Worker	372729	756712	643	932	289	3,186	2,751
Receptor_233	Offsite Worker	372703	756650	665	1,007	342	3,239	2,804
Receptor_234	Offsite Worker	372677	756588	687	1,086	398	3,296	2,861
Receptor_235	Offsite Worker	372619	756588	744	1,105	361	3,259	2,824
Receptor_236	Offsite Worker	372622	756509	789	1,276	487	3,384	2,949
Receptor_237	Offsite Worker	372700	756511	758	1,226	468	3,365	2,930
Receptor_238	Offsite Worker	372789	756510	721	1,156	435	3,332	2,897
Receptor_239	Offsite Worker	372871	756509	683	1,087	404	3,301	2,866
Receptor_24	Recreational	366492	757427	275	419	144	3,041	2,606
Receptor_240	Offsite Worker	372871	756437	669	1,070	401	3,298	2,863
Receptor_241	Offsite Worker	372970	756437	611	969	357	3,255	2,820
Receptor_242	Offsite Worker	373069	756437	566	886	320	3,217	2,782
Receptor_243	Offsite Worker	373168	756437	530	818	288	3,185	2,750
Receptor_244	Offsite Worker	373267	756437	498	759	261	3,158	2,723
Receptor_245	Offsite Worker	373412	756437	460	687	227	3,125	2,689
Receptor_246	Offsite Worker	373409	756339	417	606	189	3,087	2,652
Receptor_247	Offsite Worker	373406	756240	395	525	130	3,027	2,592
Receptor_248	Offsite Worker	373403	756142	414	485	70	2,968	2,533
Receptor_249	Offsite Worker	373400	756042	436	476	40	2,937	2,502
Receptor_25	Recreational	366453	757515	291	433	142	3,040	2,605
Receptor_250	Offsite Worker	373397	755944	376	456	80	2,978	2,543
Receptor_251	Offsite Worker	373393	755846	326	432	107	3,004	2,569
Receptor_252	Offsite Worker	373390	755747	314	409	96	2,993	2,558
Receptor_253	Offsite Worker	373309	755744	327	418	91	2,989	2,554
Receptor_254	Offsite Worker	373229	755743	352	427	75	2,973	2,538
Receptor_255	Offsite Worker	373143	755741	387	439	51	2,949	2,514
Receptor_256	Offsite Worker	373143	755823	407	462	55	2,952	2,517
Receptor_257	Offsite Worker	373143	755906	468	491	23	2,921	2,485
Receptor_258	Offsite Worker	373065	755906	515	504	-10	2,887	2,452
Receptor_259	Offsite Worker	373065	755827	474	477	3	2,900	2,465
Receptor_26	Recreational	366415	757603	306	446	139	3,037	2,602
Receptor_260	Offsite Worker	373068	755733	421	449	28	2,926	2,490
Receptor_261	Offsite Worker	373007	755733	437	461	24	2,921	2,486
Receptor_262	Offsite Worker	372941	755733	455	477	22	2,920	2,484
Receptor_263	Offsite Worker	372941	755636	413	452	39	2,936	2,501
Receptor_264	Offsite Worker	372941	755539	397	413	17	2,914	2,479

Table 16								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration ($\mu\text{g}/\text{m}^3$)		Project Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration (CAAQS) ($\mu\text{g}/\text{m}^3$)	Total Concentration (NAAQS) ($\mu\text{g}/\text{m}^3$)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	390	362	-29	2,869	2,433
Receptor_266	Offsite Worker	372913	755342	393	370	-23	2,874	2,439
Receptor_267	Offsite Worker	372817	755346	419	403	-16	2,881	2,446
Receptor_268	Offsite Worker	372720	755349	442	434	-9	2,889	2,453
Receptor_269	Offsite Worker	372624	755352	465	456	-9	2,888	2,453
Receptor_27	Recreational	366376	757692	322	458	136	3,033	2,598
Receptor_270	Offsite Worker	372527	755349	493	472	-21	2,876	2,441
Receptor_271	Offsite Worker	372431	755353	493	462	-31	2,866	2,431
Receptor_272	Offsite Worker	372334	755356	465	438	-27	2,871	2,435
Receptor_273	Offsite Worker	372237	755359	429	416	-13	2,884	2,449
Receptor_274	Offsite Worker	372141	755362	419	423	3	2,901	2,466
Receptor_275	Offsite Worker	372044	755366	407	426	19	2,916	2,481
Receptor_276	Offsite Worker	371948	755369	396	424	28	2,926	2,490
Receptor_277	Offsite Worker	371851	755372	446	418	-28	2,870	2,434
Receptor_278	Offsite Worker	371755	755375	501	411	-90	2,808	2,372
Receptor_279	Offsite Worker	371658	755378	516	412	-104	2,793	2,358
Receptor_28	Residential	366338	757780	337	470	133	3,030	2,595
Receptor_280	Offsite Worker	371562	755382	502	417	-85	2,813	2,377
Receptor_281	Offsite Worker	371465	755385	470	421	-49	2,848	2,413
Receptor_282	Offsite Worker	371368	755388	450	439	-11	2,886	2,451
Receptor_283	Offsite Worker	371272	755391	442	459	16	2,914	2,478
Receptor_284	Offsite Worker	371175	755395	446	480	34	2,931	2,496
Receptor_285	Offsite Worker	371079	755398	518	501	-17	2,881	2,445
Receptor_286	Offsite Worker	371042	755478	593	537	-56	2,841	2,406
Receptor_287	Offsite Worker	371009	755538	648	583	-65	2,833	2,398
Receptor_288	Offsite Worker	370975	755597	691	656	-36	2,862	2,427
Receptor_289	Offsite Worker	370925	755597	711	675	-36	2,861	2,426
Receptor_29	Residential	366402	757746	338	475	136	3,034	2,599
Receptor_290	Offsite Worker	370860	755547	703	646	-57	2,840	2,405
Receptor_291	Offsite Worker	370796	755497	640	673	33	2,931	2,495
Receptor_292	Offsite Worker	370733	755428	596	686	91	2,988	2,553
Receptor_293	Offsite Worker	370634	755428	656	750	94	2,991	2,556
Receptor_294	Offsite Worker	370536	755428	712	878	166	3,063	2,628
Receptor_295	Offsite Worker	370437	755428	813	1,004	191	3,089	2,654
Receptor_296	Offsite Worker	370338	755427	923	1,131	207	3,105	2,670
Receptor_297	Residential	370239	755427	996	1,209	214	3,111	2,676
Receptor_298	Residential	370138	755427	945	1,136	191	3,088	2,653
Receptor_299	Residential	370040	755427	907	1,048	141	3,038	2,603
Receptor_3	Recreational	367301	755573	290	408	117	3,015	2,579
Receptor_30	Residential	366467	757713	341	481	140	3,037	2,602
Receptor_300	Residential	369941	755426	938	1,046	108	3,005	2,570
Receptor_301	Residential	369842	755426	997	1,046	49	2,946	2,511
Receptor_302	School	369741	755435	997	1,076	79	2,977	2,541
Receptor_303	School	369643	755434	1,001	1,103	102	2,999	2,564
Receptor_304	Residential	369544	755434	982	1,073	91	2,988	2,553
Receptor_305	Residential	369445	755434	916	1,009	93	2,991	2,555

Table 16								
LAX SPAS							IFRW Flight Rule	
Operational Concentrations							CO, 8-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	813	968	155	3,052	2,617
Receptor_307	Offsite Worker	369249	755442	713	939	226	3,123	2,688
Receptor_308	Offsite Worker	369151	755442	671	894	223	3,120	2,685
Receptor_309	Offsite Worker	369052	755442	630	842	212	3,109	2,674
Receptor_31	Residential	366531	757679	342	486	144	3,041	2,606
Receptor_310	Residential	368953	755441	592	787	195	3,092	2,657
Receptor_311	Residential	368854	755441	553	733	180	3,077	2,642
Receptor_312	Residential	368755	755441	537	678	141	3,038	2,603
Receptor_313	Residential	368657	755441	536	656	120	3,017	2,582
Receptor_314	Residential	368558	755440	530	646	116	3,014	2,578
Receptor_315	Residential	368459	755440	520	627	107	3,004	2,569
Receptor_316	Residential	368360	755440	508	602	94	2,992	2,556
Receptor_317	Residential	368262	755439	493	574	82	2,979	2,544
Receptor_318	Residential	368186	755427	479	554	75	2,972	2,537
Receptor_319	Residential	368111	755414	465	535	70	2,967	2,532
Receptor_32	Residential	366567	757773	370	515	145	3,042	2,607
Receptor_320	Offsite Worker	368035	755402	451	517	67	2,964	2,529
Receptor_321	Offsite Worker	367960	755389	437	502	65	2,962	2,527
Receptor_322	Offsite Worker	367863	755390	418	483	65	2,962	2,527
Receptor_323	Offsite Worker	367766	755392	399	470	71	2,968	2,533
Receptor_324	Offsite Worker	367669	755393	379	459	80	2,977	2,542
Receptor_325	Offsite Worker	367572	755394	360	448	88	2,985	2,550
Receptor_326	Offsite Worker	367475	755395	342	435	94	2,991	2,556
Receptor_327	On-Site Occupational	370400	756850	1,905	1,303	-602	2,295	1,860
Receptor_33	Residential	366625	757758	376	524	148	3,045	2,610
Receptor_34	Residential	366682	757744	382	533	151	3,048	2,613
Receptor_35	Residential	366768	757788	407	563	156	3,054	2,618
Receptor_36	Residential	366854	757833	432	596	164	3,061	2,626
Receptor_37	Residential	366941	757877	454	629	175	3,072	2,637
Receptor_38	Residential	367027	757922	471	658	187	3,084	2,649
Receptor_39	Residential	367113	757966	481	678	197	3,095	2,659
Receptor_4	Recreational	367263	755661	280	402	122	3,019	2,584
Receptor_40	Residential	367192	757916	498	702	204	3,101	2,666
Receptor_41	Residential	367264	757916	510	722	212	3,109	2,674
Receptor_42	Residential	367335	757916	521	740	219	3,116	2,681
Receptor_43	Residential	367343	757966	511	725	213	3,111	2,675
Receptor_44	Residential	367404	757995	509	716	207	3,104	2,669
Receptor_45	Residential	367465	758024	503	696	194	3,091	2,656
Receptor_46	School	367504	757948	538	761	223	3,120	2,685
Receptor_47	School	367544	757873	566	810	243	3,141	2,706
Receptor_48	School	367587	757909	564	802	238	3,135	2,700
Receptor_49	School	367623	757866	583	836	253	3,150	2,715
Receptor_5	Recreational	367224	755749	278	405	128	3,025	2,590
Receptor_50	School	367694	757866	597	855	258	3,156	2,721
Receptor_51	School	367716	757927	575	804	229	3,127	2,692
Receptor_52	School	367737	757988	540	729	189	3,086	2,651

Table 16								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_53	School	367727	758067	485	626	141	3,038	2,603
Receptor_54	School	367716	758146	428	529	101	2,999	2,563
Receptor_55	Residential	367673	758189	401	490	89	2,986	2,551
Receptor_56	School	367723	758254	348	409	61	2,958	2,523
Receptor_57	School	367784	758221	362	426	64	2,962	2,526
Receptor_58	School	367845	758189	376	443	67	2,965	2,529
Receptor_59	Residential	367816	758096	457	567	110	3,007	2,572
Receptor_60	Recreational	367186	755838	302	415	113	3,010	2,575
Receptor_60	Residential	367898	758066	474	586	112	3,009	2,574
Receptor_61	Residential	367980	758035	493	608	114	3,012	2,576
Receptor_62	Residential	368062	758005	512	628	116	3,013	2,578
Receptor_63	Residential	368144	757975	532	649	117	3,014	2,579
Receptor_64	Residential	368226	757945	554	671	117	3,014	2,579
Receptor_65	Residential	368301	757943	536	636	101	2,998	2,563
Receptor_66	Residential	368376	757941	512	643	131	3,028	2,593
Receptor_67	Residential	368452	757940	480	681	201	3,098	2,663
Receptor_68	Residential	368527	757938	447	705	258	3,155	2,720
Receptor_69	Residential	368563	757880	528	753	225	3,122	2,687
Receptor_70	Recreational	367147	755926	327	467	140	3,037	2,602
Receptor_70	Residential	368636	757926	455	714	259	3,156	2,721
Receptor_71	Residential	368709	757971	475	667	193	3,090	2,655
Receptor_72	Residential	368782	758017	477	646	168	3,066	2,630
Receptor_73	Residential	368855	758062	467	640	173	3,070	2,635
Receptor_74	Residential	368928	758108	449	647	197	3,095	2,659
Receptor_75	Residential	369001	758153	438	664	226	3,123	2,688
Receptor_76	Residential	369058	758074	471	732	261	3,159	2,723
Receptor_77	Residential	369102	758103	468	743	275	3,172	2,737
Receptor_78	Residential	369145	758132	472	750	278	3,175	2,740
Receptor_79	Residential	369200	758065	524	811	286	3,184	2,749
Receptor_80	Recreational	367109	756014	354	515	162	3,059	2,624
Receptor_80	Residential	369255	757998	585	863	278	3,175	2,740
Receptor_81	Residential	369310	757931	657	910	253	3,150	2,715
Receptor_82	Residential	369356	757981	662	874	212	3,110	2,675
Receptor_83	Residential	369403	758031	644	832	187	3,085	2,650
Receptor_84	Recreational	369336	758100	577	809	232	3,129	2,694
Receptor_85	Recreational	369269	758170	513	770	257	3,155	2,719
Receptor_86	Recreational	369202	758239	455	719	263	3,161	2,725
Receptor_87	Recreational	369264	758285	483	711	228	3,126	2,690
Receptor_88	Recreational	369326	758330	508	692	184	3,081	2,646
Receptor_89	Recreational	369389	758376	528	665	137	3,034	2,599
Receptor_90	Recreational	367070	756103	381	557	176	3,073	2,638
Receptor_90	Recreational	369389	758462	508	629	121	3,018	2,583
Receptor_91	Recreational	369389	758548	489	597	107	3,004	2,569
Receptor_92	Residential	369389	758634	472	567	95	2,993	2,557
Receptor_93	Residential	369469	758630	496	560	64	2,961	2,526
Receptor_94	Residential	369549	758625	516	552	37	2,934	2,499

Table 16								
LAX SPAS							IFRW Flight Rule	
Operational Concentrations							CO, 8-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)								
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	526	552	27	2,924	2,489
Receptor_96	Residential	369710	758617	523	552	29	2,926	2,491
Receptor_97	Residential	369791	758613	508	551	43	2,940	2,505
Receptor_98	Residential	369791	758514	549	578	30	2,927	2,492
Receptor_99	Residential	369791	758416	590	608	18	2,915	2,480

Table 17													IFRW Flight Rule		
LAX SPAS													CO, 8-Hour Averaging Time		
Operational Concentrations															
11/14/2012													Staff-Recommended Alternative (SRA)		
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)				Total Concentration (NAAQS)			
Type	8-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)		Type	8-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)		Type	8-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)		Type	8-Hour CO ($\mu\text{g}/\text{m}^3$)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	997	369842	755426	Residential	286	369200	758065	Residential	3,184	369200	758065	Residential	2,749	369200	758065
School	1,001	369643	755434	School	258	367694	757866	School	3,156	367694	757866	School	2,721	367694	757866
Offsite Worker	1,949	370998	756998	Offsite Worker	487	372622	756509	Offsite Worker	3,384	372622	756509	Offsite Worker	2,949	372622	756509
Recreational	577	369336	758100	Recreational	263	369202	758239	Recreational	3,161	369202	758239	Recreational	2,725	369202	758239
On-Site Occupational	1,905	370400	756850	On-Site Occupational	-602	370400	756850	On-Site Occupational	2,295	370400	756850	On-Site Occupational	1,860	370400	756850
Staff-Recommended Alternative															
Residential	1,209	370239	755427												
School	1,103	369643	755434												
Offsite Worker	1,390	370998	757293												
Recreational	809	369336	758100												
On-Site Occupational	1,303	370400	756850												
Notes:															
Average concentration is modeled output from AERMOD, version 12060.															
Project concentration is difference between given alternative and baseline (project increment).															
Total concentration is project concentration plus monitored background concentration.															
Background concentration for CAAQS and NAAQS different for averaging period.															

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	147	176	29	206
Receptor_10	Recreational	367032	756191	143	169	26	203
Receptor_100	Residential	369791	758318	184	213	29	206
Receptor_101	Residential	369881	758318	180	211	31	208
Receptor_102	Residential	369972	758318	188	203	15	192
Receptor_103	Residential	370062	758318	194	188	-6	170
Receptor_104	Residential	370153	758318	201	184	-17	160
Receptor_105	Residential	370243	758318	198	191	-7	170
Receptor_106	School	370247	758254	204	194	-9	168
Receptor_107	School	370250	758189	210	194	-16	161
Receptor_108	School	370308	758196	220	202	-18	159
Receptor_109	School	370361	758236	228	194	-34	143
Receptor_11	Recreational	366993	756279	136	164	29	206
Receptor_110	School	370415	758275	242	191	-50	127
Receptor_111	Residential	370408	758347	230	185	-45	132
Receptor_112	Residential	370490	758344	254	194	-61	116
Receptor_113	Residential	370572	758341	247	210	-37	140
Receptor_114	Residential	370654	758338	200	219	18	195
Receptor_115	Residential	370735	758335	194	222	28	204
Receptor_116	Residential	370817	758333	199	228	29	206
Receptor_117	Offsite Worker	370814	758243	205	244	39	216
Receptor_118	Offsite Worker	370810	758153	220	264	45	221
Receptor_119	Offsite Worker	370807	758063	230	290	60	237
Receptor_12	Recreational	366954	756367	130	164	35	211
Receptor_120	Offsite Worker	370803	757974	225	322	97	274
Receptor_121	Offsite Worker	370835	757927	264	341	77	254
Receptor_122	Offsite Worker	370868	757880	284	362	78	254
Receptor_123	Offsite Worker	370921	757884	252	332	80	257
Receptor_124	Offsite Worker	370975	757887	228	341	113	290
Receptor_125	Offsite Worker	370975	757794	249	463	213	390
Receptor_126	Offsite Worker	371026	757794	243	475	231	408
Receptor_127	Offsite Worker	371076	757877	227	397	169	346
Receptor_128	Offsite Worker	371126	757959	210	344	135	311
Receptor_129	Offsite Worker	371119	758031	203	301	98	275
Receptor_13	Recreational	366916	756456	130	161	31	208
Receptor_130	Residential	371183	758027	195	313	119	296
Receptor_131	Residential	371248	758024	196	305	109	286
Receptor_132	Residential	371326	758075	188	277	90	267
Receptor_133	Residential	371404	758127	180	253	73	250
Receptor_134	Residential	371481	758178	174	234	60	237
Receptor_135	Residential	371559	758230	168	217	49	226
Receptor_136	Residential	371637	758281	165	204	38	215
Receptor_137	Residential	371715	758333	164	199	34	211
Receptor_138	Residential	371769	758261	166	209	43	220
Receptor_139	Residential	371822	758189	167	207	40	217
Receptor_14	Recreational	366877	756544	130	156	26	203

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	172	220	48	225
Receptor_141	Residential	371894	758081	174	236	62	238
Receptor_142	Residential	371959	758074	173	231	58	235
Receptor_143	Offsite Worker	371953	757977	182	223	42	219
Receptor_144	Offsite Worker	371948	757880	179	229	50	227
Receptor_145	Offsite Worker	371943	757783	175	235	61	238
Receptor_146	Offsite Worker	372016	757794	171	228	57	234
Receptor_147	Offsite Worker	372102	757791	167	220	53	230
Receptor_148	Offsite Worker	372178	757760	166	211	45	222
Receptor_149	Offsite Worker	372177	757670	166	199	33	210
Receptor_15	Recreational	366839	756632	134	157	23	200
Receptor_150	Offsite Worker	372176	757579	166	222	55	232
Receptor_151	Offsite Worker	372174	757489	167	227	61	238
Receptor_152	Offsite Worker	372173	757398	167	207	41	218
Receptor_153	Offsite Worker	372171	757308	165	210	44	221
Receptor_154	Offsite Worker	372055	757309	168	239	72	248
Receptor_155	Residential	372055	757363	169	222	53	230
Receptor_156	Offsite Worker	372055	757416	169	222	54	231
Receptor_157	Offsite Worker	371952	757442	169	242	73	250
Receptor_158	Offsite Worker	371950	757345	173	240	67	244
Receptor_159	Offsite Worker	371864	757344	174	225	51	227
Receptor_16	Recreational	366800	756720	138	157	19	196
Receptor_160	Offsite Worker	371790	757347	173	223	50	227
Receptor_161	Offsite Worker	371708	757356	170	232	63	240
Receptor_162	Offsite Worker	371615	757356	169	254	85	262
Receptor_163	Offsite Worker	371523	757356	170	279	109	286
Receptor_164	Offsite Worker	371430	757356	172	304	132	309
Receptor_165	Offsite Worker	371338	757356	176	323	146	323
Receptor_166	Offsite Worker	371245	757356	184	371	187	364
Receptor_167	Offsite Worker	371153	757356	191	392	200	377
Receptor_168	Offsite Worker	371061	757356	207	370	163	340
Receptor_169	Offsite Worker	371005	757357	217	376	159	336
Receptor_17	Recreational	366762	756809	136	157	20	197
Receptor_170	Offsite Worker	370998	757293	199	295	96	273
Receptor_171	Offsite Worker	370998	757194	247	352	105	282
Receptor_172	Offsite Worker	370998	757096	246	305	59	236
Receptor_173	Offsite Worker	370998	756998	224	248	24	201
Receptor_174	Offsite Worker	371057	756997	223	272	50	226
Receptor_175	Offsite Worker	371153	756997	218	222	4	181
Receptor_176	Offsite Worker	371249	756997	207	227	20	197
Receptor_177	Offsite Worker	371345	756997	190	233	42	219
Receptor_178	Offsite Worker	371440	756997	175	241	66	242
Receptor_179	Offsite Worker	371536	756997	172	250	78	255
Receptor_18	Recreational	366723	756897	136	160	25	202
Receptor_180	Offsite Worker	371632	756997	170	253	83	260
Receptor_181	Offsite Worker	371728	756997	168	239	71	248

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	166	255	88	265
Receptor_183	Offsite Worker	371920	756997	178	247	69	246
Receptor_184	Offsite Worker	372016	756997	180	266	87	263
Receptor_185	Offsite Worker	372111	756997	183	312	129	306
Receptor_186	Offsite Worker	372207	756997	188	298	110	287
Receptor_187	Offsite Worker	372303	756997	183	280	97	274
Receptor_188	Offsite Worker	372399	756997	191	251	59	236
Receptor_189	Offsite Worker	372495	756997	204	253	50	226
Receptor_19	Recreational	366685	756985	140	159	19	195
Receptor_190	Offsite Worker	372591	756997	229	266	37	214
Receptor_191	Offsite Worker	372610	757063	218	248	30	207
Receptor_192	Offsite Worker	372612	757132	205	237	32	208
Receptor_193	Offsite Worker	372614	757201	193	226	33	210
Receptor_194	Offsite Worker	372616	757270	184	216	33	209
Receptor_195	Offsite Worker	372627	757351	178	206	28	205
Receptor_196	Offsite Worker	372651	757422	175	199	24	201
Receptor_197	Offsite Worker	372676	757494	172	193	20	197
Receptor_198	Offsite Worker	372704	757569	170	187	17	194
Receptor_199	Offsite Worker	372733	757645	167	183	16	193
Receptor_2	Recreational	367340	755485	144	170	25	202
Receptor_20	Recreational	366646	757074	143	168	25	202
Receptor_200	Offsite Worker	372746	757702	165	180	15	192
Receptor_201	Offsite Worker	372746	757768	163	176	13	189
Receptor_202	Offsite Worker	372807	757781	164	179	15	192
Receptor_203	Offsite Worker	372901	757782	167	186	19	196
Receptor_204	Offsite Worker	372994	757783	165	190	25	202
Receptor_205	Offsite Worker	373087	757783	161	192	31	208
Receptor_206	Offsite Worker	373180	757784	157	188	31	208
Receptor_207	Offsite Worker	373274	757785	155	190	35	212
Receptor_208	Offsite Worker	373367	757786	155	183	28	205
Receptor_209	Offsite Worker	373418	757742	158	191	34	211
Receptor_21	Recreational	366607	757162	140	180	39	216
Receptor_210	Offsite Worker	373418	757653	162	206	44	221
Receptor_211	Offsite Worker	373419	757564	166	224	59	235
Receptor_212	Offsite Worker	373419	757475	170	249	79	256
Receptor_213	Offsite Worker	373420	757386	175	285	110	286
Receptor_214	Offsite Worker	373420	757297	173	324	151	328
Receptor_215	Offsite Worker	373421	757207	176	350	173	350
Receptor_216	Offsite Worker	373421	757118	182	334	151	328
Receptor_217	Offsite Worker	373292	757117	187	382	195	371
Receptor_218	Offsite Worker	373213	757118	198	371	173	350
Receptor_219	Offsite Worker	373158	757066	207	390	183	360
Receptor_22	Recreational	366569	757250	147	176	29	206
Receptor_220	Offsite Worker	373084	757026	221	393	171	348
Receptor_221	Offsite Worker	373009	757011	232	367	134	311
Receptor_222	Offsite Worker	372922	757009	227	326	99	276

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	225	297	73	250
Receptor_224	Offsite Worker	372747	757006	214	280	65	242
Receptor_225	Offsite Worker	372660	757004	243	270	27	204
Receptor_226	Offsite Worker	372651	757063	228	253	25	202
Receptor_227	Offsite Worker	372629	756931	258	289	32	208
Receptor_228	Offsite Worker	372631	756857	279	323	43	220
Receptor_229	Offsite Worker	372634	756783	290	375	85	261
Receptor_23	Recreational	366530	757338	152	163	10	187
Receptor_230	Offsite Worker	372702	756778	277	415	138	314
Receptor_231	Offsite Worker	372756	756775	289	462	173	349
Receptor_232	Offsite Worker	372729	756712	325	549	224	401
Receptor_233	Offsite Worker	372703	756650	367	676	310	486
Receptor_234	Offsite Worker	372677	756588	412	866	454	631
Receptor_235	Offsite Worker	372619	756588	411	713	302	479
Receptor_236	Offsite Worker	372622	756509	494	1,180	686	863
Receptor_237	Offsite Worker	372700	756511	512	824	313	489
Receptor_238	Offsite Worker	372789	756510	487	622	134	311
Receptor_239	Offsite Worker	372871	756509	359	574	215	392
Receptor_24	Recreational	366492	757427	153	145	-8	169
Receptor_240	Offsite Worker	372871	756437	378	555	177	354
Receptor_241	Offsite Worker	372970	756437	330	508	179	355
Receptor_242	Offsite Worker	373069	756437	309	470	161	338
Receptor_243	Offsite Worker	373168	756437	290	435	146	323
Receptor_244	Offsite Worker	373267	756437	273	405	132	309
Receptor_245	Offsite Worker	373412	756437	252	367	116	293
Receptor_246	Offsite Worker	373409	756339	270	348	78	255
Receptor_247	Offsite Worker	373406	756240	284	334	50	227
Receptor_248	Offsite Worker	373403	756142	257	335	78	255
Receptor_249	Offsite Worker	373400	756042	220	302	82	259
Receptor_25	Recreational	366453	757515	150	144	-6	171
Receptor_250	Offsite Worker	373397	755944	242	263	21	198
Receptor_251	Offsite Worker	373393	755846	231	253	22	199
Receptor_252	Offsite Worker	373390	755747	224	228	4	181
Receptor_253	Offsite Worker	373309	755744	230	242	12	188
Receptor_254	Offsite Worker	373229	755743	237	252	15	192
Receptor_255	Offsite Worker	373143	755741	245	255	10	187
Receptor_256	Offsite Worker	373143	755823	241	268	27	204
Receptor_257	Offsite Worker	373143	755906	246	265	19	196
Receptor_258	Offsite Worker	373065	755906	241	288	46	223
Receptor_259	Offsite Worker	373065	755827	252	275	23	200
Receptor_26	Recreational	366415	757603	146	146	1	178
Receptor_260	Offsite Worker	373068	755733	250	249	-1	176
Receptor_261	Offsite Worker	373007	755733	254	250	-4	173
Receptor_262	Offsite Worker	372941	755733	258	256	-2	175
Receptor_263	Offsite Worker	372941	755636	236	233	-3	174
Receptor_264	Offsite Worker	372941	755539	216	210	-6	171

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO ₂ , 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	201	210	8	185
Receptor_266	Offsite Worker	372913	755342	192	197	5	182
Receptor_267	Offsite Worker	372817	755346	192	209	17	194
Receptor_268	Offsite Worker	372720	755349	192	201	9	186
Receptor_269	Offsite Worker	372624	755352	190	202	13	190
Receptor_27	Recreational	366376	757692	145	147	2	179
Receptor_270	Offsite Worker	372527	755349	187	206	20	197
Receptor_271	Offsite Worker	372431	755353	196	223	27	203
Receptor_272	Offsite Worker	372334	755356	229	228	-1	176
Receptor_273	Offsite Worker	372237	755359	199	237	38	214
Receptor_274	Offsite Worker	372141	755362	181	232	51	228
Receptor_275	Offsite Worker	372044	755366	182	224	42	218
Receptor_276	Offsite Worker	371948	755369	186	201	15	192
Receptor_277	Offsite Worker	371851	755372	192	227	35	212
Receptor_278	Offsite Worker	371755	755375	198	260	62	239
Receptor_279	Offsite Worker	371658	755378	200	258	58	235
Receptor_28	Residential	366338	757780	146	147	1	178
Receptor_280	Offsite Worker	371562	755382	188	230	42	219
Receptor_281	Offsite Worker	371465	755385	186	239	53	230
Receptor_282	Offsite Worker	371368	755388	195	241	46	223
Receptor_283	Offsite Worker	371272	755391	195	249	54	231
Receptor_284	Offsite Worker	371175	755395	190	245	55	232
Receptor_285	Offsite Worker	371079	755398	185	230	46	223
Receptor_286	Offsite Worker	371042	755478	199	260	61	238
Receptor_287	Offsite Worker	371009	755538	206	294	88	265
Receptor_288	Offsite Worker	370975	755597	212	317	105	282
Receptor_289	Offsite Worker	370925	755597	209	315	106	283
Receptor_29	Residential	366402	757746	147	148	1	178
Receptor_290	Offsite Worker	370860	755547	214	300	86	263
Receptor_291	Offsite Worker	370796	755497	205	286	81	258
Receptor_292	Offsite Worker	370733	755428	190	268	78	255
Receptor_293	Offsite Worker	370634	755428	194	269	74	251
Receptor_294	Offsite Worker	370536	755428	201	266	64	241
Receptor_295	Offsite Worker	370437	755428	200	261	60	237
Receptor_296	Offsite Worker	370338	755427	194	255	61	238
Receptor_297	Residential	370239	755427	191	252	61	238
Receptor_298	Residential	370138	755427	178	250	72	249
Receptor_299	Residential	370040	755427	176	245	69	246
Receptor_3	Recreational	367301	755573	142	171	29	206
Receptor_30	Residential	366467	757713	148	149	1	178
Receptor_300	Residential	369941	755426	174	238	64	241
Receptor_301	Residential	369842	755426	175	228	52	229
Receptor_302	School	369741	755435	180	226	45	222
Receptor_303	School	369643	755434	184	224	40	217
Receptor_304	Residential	369544	755434	184	223	39	216
Receptor_305	Residential	369445	755434	183	222	39	216

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	183	221	38	215
Receptor_307	Offsite Worker	369249	755442	185	222	36	213
Receptor_308	Offsite Worker	369151	755442	184	221	37	214
Receptor_309	Offsite Worker	369052	755442	186	220	34	211
Receptor_31	Residential	366531	757679	149	150	1	178
Receptor_310	Residential	368953	755441	188	219	31	208
Receptor_311	Residential	368854	755441	191	218	27	204
Receptor_312	Residential	368755	755441	192	216	24	201
Receptor_313	Residential	368657	755441	192	212	20	197
Receptor_314	Residential	368558	755440	191	208	17	194
Receptor_315	Residential	368459	755440	189	203	13	190
Receptor_316	Residential	368360	755440	186	196	10	187
Receptor_317	Residential	368262	755439	182	192	10	187
Receptor_318	Residential	368186	755427	179	190	11	188
Receptor_319	Residential	368111	755414	176	188	12	189
Receptor_32	Residential	366567	757773	151	150	-1	176
Receptor_320	Offsite Worker	368035	755402	173	187	13	190
Receptor_321	Offsite Worker	367960	755389	171	185	14	191
Receptor_322	Offsite Worker	367863	755390	167	185	18	195
Receptor_323	Offsite Worker	367766	755392	162	184	22	199
Receptor_324	Offsite Worker	367669	755393	158	183	25	202
Receptor_325	Offsite Worker	367572	755394	154	181	27	204
Receptor_326	Offsite Worker	367475	755395	150	178	28	205
Receptor_327	On-Site Occupational	370400	756850	230	266	36	213
Receptor_33	Residential	366625	757758	153	151	-2	175
Receptor_34	Residential	366682	757744	154	152	-2	175
Receptor_35	Residential	366768	757788	156	153	-4	173
Receptor_36	Residential	366854	757833	158	153	-5	172
Receptor_37	Residential	366941	757877	160	153	-6	171
Receptor_38	Residential	367027	757922	161	155	-6	171
Receptor_39	Residential	367113	757966	161	156	-5	172
Receptor_4	Recreational	367263	755661	145	174	30	207
Receptor_40	Residential	367192	757916	164	158	-6	171
Receptor_41	Residential	367264	757916	165	159	-6	171
Receptor_42	Residential	367335	757916	166	161	-5	171
Receptor_43	Residential	367343	757966	164	159	-5	172
Receptor_44	Residential	367404	757995	163	159	-4	173
Receptor_45	Residential	367465	758024	162	158	-4	173
Receptor_46	School	367504	757948	167	162	-5	172
Receptor_47	School	367544	757873	172	166	-6	171
Receptor_48	School	367587	757909	170	165	-5	172
Receptor_49	School	367623	757866	173	167	-6	171
Receptor_5	Recreational	367224	755749	153	182	29	206
Receptor_50	School	367694	757866	175	169	-6	171
Receptor_51	School	367716	757927	171	166	-5	172
Receptor_52	School	367737	757988	167	163	-4	173

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	160	161	1	178
Receptor_54	School	367716	758146	153	160	7	184
Receptor_55	Residential	367673	758189	149	158	9	186
Receptor_56	School	367723	758254	145	159	13	190
Receptor_57	School	367784	758221	147	161	14	191
Receptor_58	School	367845	758189	148	162	14	191
Receptor_59	Residential	367816	758096	158	163	5	182
Receptor_6	Recreational	367186	755838	158	189	31	208
Receptor_60	Residential	367898	758066	161	166	5	182
Receptor_61	Residential	367980	758035	164	168	4	181
Receptor_62	Residential	368062	758005	168	171	4	181
Receptor_63	Residential	368144	757975	171	174	3	180
Receptor_64	Residential	368226	757945	175	178	3	179
Receptor_65	Residential	368301	757943	176	180	4	180
Receptor_66	Residential	368376	757941	177	181	4	181
Receptor_67	Residential	368452	757940	178	183	5	182
Receptor_68	Residential	368527	757938	179	184	5	182
Receptor_69	Residential	368563	757880	187	188	1	178
Receptor_7	Recreational	367147	755926	158	191	33	210
Receptor_70	Residential	368636	757926	181	187	5	182
Receptor_71	Residential	368709	757971	175	186	11	188
Receptor_72	Residential	368782	758017	173	187	14	191
Receptor_73	Residential	368855	758062	174	188	14	190
Receptor_74	Residential	368928	758108	176	189	14	190
Receptor_75	Residential	369001	758153	176	190	15	191
Receptor_76	Residential	369058	758074	180	195	15	192
Receptor_77	Residential	369102	758103	180	195	16	193
Receptor_78	Residential	369145	758132	179	196	17	194
Receptor_79	Residential	369200	758065	183	200	17	194
Receptor_8	Recreational	367109	756014	155	187	33	210
Receptor_80	Residential	369255	757998	188	205	18	195
Receptor_81	Residential	369310	757931	193	211	18	195
Receptor_82	Residential	369356	757981	193	211	18	195
Receptor_83	Residential	369403	758031	190	211	21	198
Receptor_84	Recreational	369336	758100	185	205	20	197
Receptor_85	Recreational	369269	758170	181	199	19	196
Receptor_86	Recreational	369202	758239	176	194	17	194
Receptor_87	Recreational	369264	758285	176	191	15	192
Receptor_88	Recreational	369326	758330	175	192	17	194
Receptor_89	Recreational	369389	758376	168	194	26	203
Receptor_9	Recreational	367070	756103	149	180	31	207
Receptor_90	Recreational	369389	758462	161	193	32	209
Receptor_91	Recreational	369389	758548	162	191	30	206
Receptor_92	Residential	369389	758634	162	187	25	202
Receptor_93	Residential	369469	758630	165	186	22	199
Receptor_94	Residential	369549	758625	164	184	20	196

Table 18							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
Receptor ID	Type	Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	159	179	20	197
Receptor_96	Residential	369710	758617	160	171	11	188
Receptor_97	Residential	369791	758613	165	160	-5	172
Receptor_98	Residential	369791	758514	168	181	13	190
Receptor_99	Residential	369791	758416	169	200	31	208

Table 19											
LAX SPAS										IFRW Flight Rule	
Operational Concentrations										NO ₂ , 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)										Maximum Hourly Value	
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)			
Type	1-Hour NO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour NO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour NO ₂ (µg/m ³)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	254	370490	758344	Residential	119	371183	758027	Residential	296	371183	758027
School	242	370415	758275	School	45	369741	755435	School	222	369741	755435
Offsite Worker	512	372700	756511	Offsite Worker	686	372622	756509	Offsite Worker	863	372622	756509
Recreational	185	369336	758100	Recreational	39	366607	757162	Recreational	216	366607	757162
On-Site Occupational	230	370400	756850	On-Site Occupational	36	370400	756850	On-Site Occupational	213	370400	756850
Staff-Recommended Alternative											
Residential	313	371183	758027								
School	226	369741	755435								
Offsite Worker	1,180	372622	756509								
Recreational	205	369336	758100								
On-Site Occupational	266	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Maximum hourly value only applicable to CAAQS.											

Table 20							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	126	143	17	142
Receptor_10	Recreational	367032	756191	123	141	17	142
Receptor_100	Residential	369791	758318	157	160	3	128
Receptor_101	Residential	369881	758318	164	160	-4	121
Receptor_102	Residential	369972	758318	165	159	-6	119
Receptor_103	Residential	370062	758318	172	162	-10	115
Receptor_104	Residential	370153	758318	172	164	-9	116
Receptor_105	Residential	370243	758318	170	168	-2	122
Receptor_106	School	370247	758254	174	170	-4	121
Receptor_107	School	370250	758189	184	174	-10	115
Receptor_108	School	370308	758196	178	177	-1	123
Receptor_109	School	370361	758236	175	180	5	130
Receptor_11	Recreational	366993	756279	124	140	16	141
Receptor_110	School	370415	758275	173	176	2	127
Receptor_111	Residential	370408	758347	168	172	3	128
Receptor_112	Residential	370490	758344	171	176	4	129
Receptor_113	Residential	370572	758341	171	173	1	126
Receptor_114	Residential	370654	758338	170	174	4	128
Receptor_115	Residential	370735	758335	171	180	9	134
Receptor_116	Residential	370817	758333	169	179	10	135
Receptor_117	Offsite Worker	370814	758243	174	188	15	139
Receptor_118	Offsite Worker	370810	758153	183	199	16	141
Receptor_119	Offsite Worker	370807	758063	188	219	31	156
Receptor_12	Recreational	366954	756367	124	140	16	141
Receptor_120	Offsite Worker	370803	757974	187	243	56	181
Receptor_121	Offsite Worker	370835	757927	194	256	61	186
Receptor_122	Offsite Worker	370868	757880	195	269	73	198
Receptor_123	Offsite Worker	370921	757884	191	245	54	179
Receptor_124	Offsite Worker	370975	757887	191	268	77	202
Receptor_125	Offsite Worker	370975	757794	205	318	112	237
Receptor_126	Offsite Worker	371026	757794	195	320	124	249
Receptor_127	Offsite Worker	371076	757877	187	278	91	216
Receptor_128	Offsite Worker	371126	757959	173	248	75	200
Receptor_129	Offsite Worker	371119	758031	168	226	58	183
Receptor_13	Recreational	366916	756456	121	135	14	139
Receptor_130	Residential	371183	758027	164	227	63	188
Receptor_131	Residential	371248	758024	164	229	66	191
Receptor_132	Residential	371326	758075	158	215	56	181
Receptor_133	Residential	371404	758127	157	206	50	175
Receptor_134	Residential	371481	758178	152	199	46	171
Receptor_135	Residential	371559	758230	150	190	40	165
Receptor_136	Residential	371637	758281	148	182	34	158
Receptor_137	Residential	371715	758333	147	175	28	152
Receptor_138	Residential	371769	758261	149	173	23	148
Receptor_139	Residential	371822	758189	153	179	26	151
Receptor_14	Recreational	366877	756544	120	137	17	141

Table 20						
LAX SPAS						IFRW Flight Rule
Operational Concentrations						NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile
		Meters		Average Concentration (µg/m³)		Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA
Receptor_140	Residential	371894	758160	158	179	21
Receptor_141	Residential	371894	758081	164	184	20
Receptor_142	Residential	371959	758074	161	180	19
Receptor_143	Offsite Worker	371953	757977	161	176	15
Receptor_144	Offsite Worker	371948	757880	154	184	30
Receptor_145	Offsite Worker	371943	757783	156	179	23
Receptor_146	Offsite Worker	372016	757794	153	173	20
Receptor_147	Offsite Worker	372102	757791	151	171	20
Receptor_148	Offsite Worker	372178	757760	150	169	18
Receptor_149	Offsite Worker	372177	757670	151	174	22
Receptor_15	Recreational	366839	756632	120	137	18
Receptor_150	Offsite Worker	372176	757579	151	174	23
Receptor_151	Offsite Worker	372174	757489	150	173	23
Receptor_152	Offsite Worker	372173	757398	150	178	28
Receptor_153	Offsite Worker	372171	757308	151	180	30
Receptor_154	Offsite Worker	372055	757309	153	191	38
Receptor_155	Residential	372055	757363	152	184	32
Receptor_156	Offsite Worker	372055	757416	151	182	31
Receptor_157	Offsite Worker	371952	757442	154	188	35
Receptor_158	Offsite Worker	371950	757345	157	198	41
Receptor_159	Offsite Worker	371864	757344	162	192	30
Receptor_16	Recreational	366800	756720	121	135	15
Receptor_160	Offsite Worker	371790	757347	161	196	35
Receptor_161	Offsite Worker	371708	757356	158	199	42
Receptor_162	Offsite Worker	371615	757356	157	205	47
Receptor_163	Offsite Worker	371523	757356	163	212	49
Receptor_164	Offsite Worker	371430	757356	167	219	52
Receptor_165	Offsite Worker	371338	757356	171	234	63
Receptor_166	Offsite Worker	371245	757356	173	239	66
Receptor_167	Offsite Worker	371153	757356	174	253	79
Receptor_168	Offsite Worker	371061	757356	180	273	92
Receptor_169	Offsite Worker	371005	757357	183	282	99
Receptor_17	Recreational	366762	756809	123	135	12
Receptor_170	Offsite Worker	370998	757293	181	243	61
Receptor_171	Offsite Worker	370998	757194	182	211	29
Receptor_172	Offsite Worker	370998	757096	187	191	4
Receptor_173	Offsite Worker	370998	756998	193	176	-17
Receptor_174	Offsite Worker	371057	756997	181	176	-5
Receptor_175	Offsite Worker	371153	756997	171	179	8
Receptor_176	Offsite Worker	371249	756997	177	173	-5
Receptor_177	Offsite Worker	371345	756997	172	176	3
Receptor_178	Offsite Worker	371440	756997	161	183	22
Receptor_179	Offsite Worker	371536	756997	159	182	24
Receptor_18	Recreational	366723	756897	125	136	12
Receptor_180	Offsite Worker	371632	756997	157	189	33
Receptor_181	Offsite Worker	371728	756997	155	196	41

Table 20							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	155	201	46	171
Receptor_183	Offsite Worker	371920	756997	160	217	57	182
Receptor_184	Offsite Worker	372016	756997	162	231	69	194
Receptor_185	Offsite Worker	372111	756997	164	231	67	192
Receptor_186	Offsite Worker	372207	756997	168	231	63	187
Receptor_187	Offsite Worker	372303	756997	170	222	52	176
Receptor_188	Offsite Worker	372399	756997	165	211	46	170
Receptor_189	Offsite Worker	372495	756997	171	210	40	164
Receptor_19	Recreational	366685	756985	127	141	14	139
Receptor_190	Offsite Worker	372591	756997	173	224	52	176
Receptor_191	Offsite Worker	372610	757063	167	212	45	170
Receptor_192	Offsite Worker	372612	757132	160	197	37	162
Receptor_193	Offsite Worker	372614	757201	153	187	35	160
Receptor_194	Offsite Worker	372616	757270	147	180	32	157
Receptor_195	Offsite Worker	372627	757351	146	173	27	151
Receptor_196	Offsite Worker	372651	757422	146	168	22	147
Receptor_197	Offsite Worker	372676	757494	146	166	20	144
Receptor_198	Offsite Worker	372704	757569	145	164	19	144
Receptor_199	Offsite Worker	372733	757645	144	164	20	145
Receptor_2	Recreational	367340	755485	128	146	17	142
Receptor_20	Recreational	366646	757074	129	140	11	136
Receptor_200	Offsite Worker	372746	757702	145	161	16	141
Receptor_201	Offsite Worker	372746	757768	148	160	13	138
Receptor_202	Offsite Worker	372807	757781	147	160	13	138
Receptor_203	Offsite Worker	372901	757782	145	159	14	139
Receptor_204	Offsite Worker	372994	757783	143	160	17	142
Receptor_205	Offsite Worker	373087	757783	143	163	20	145
Receptor_206	Offsite Worker	373180	757784	142	161	19	144
Receptor_207	Offsite Worker	373274	757785	142	161	19	144
Receptor_208	Offsite Worker	373367	757786	142	162	20	145
Receptor_209	Offsite Worker	373418	757742	143	157	15	139
Receptor_21	Recreational	366607	757162	132	137	5	130
Receptor_210	Offsite Worker	373418	757653	144	159	14	139
Receptor_211	Offsite Worker	373419	757564	147	165	17	142
Receptor_212	Offsite Worker	373419	757475	149	166	17	142
Receptor_213	Offsite Worker	373420	757386	153	171	18	143
Receptor_214	Offsite Worker	373420	757297	159	176	17	142
Receptor_215	Offsite Worker	373421	757207	162	186	24	149
Receptor_216	Offsite Worker	373421	757118	164	197	32	157
Receptor_217	Offsite Worker	373292	757117	168	197	29	154
Receptor_218	Offsite Worker	373213	757118	169	198	29	153
Receptor_219	Offsite Worker	373158	757066	173	206	34	159
Receptor_22	Recreational	366569	757250	129	137	8	133
Receptor_220	Offsite Worker	373084	757026	175	210	35	160
Receptor_221	Offsite Worker	373009	757011	185	216	31	156
Receptor_222	Offsite Worker	372922	757009	189	227	38	163

Table 20							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile	
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	179	232	53	178
Receptor_224	Offsite Worker	372747	757006	183	238	55	180
Receptor_225	Offsite Worker	372660	757004	175	231	56	181
Receptor_226	Offsite Worker	372651	757063	170	221	51	176
Receptor_227	Offsite Worker	372629	756931	185	249	63	188
Receptor_228	Offsite Worker	372631	756857	201	268	67	191
Receptor_229	Offsite Worker	372634	756783	221	301	79	204
Receptor_23	Recreational	366530	757338	128	136	8	133
Receptor_230	Offsite Worker	372702	756778	217	293	76	201
Receptor_231	Offsite Worker	372756	756775	231	298	68	192
Receptor_232	Offsite Worker	372729	756712	245	330	85	210
Receptor_233	Offsite Worker	372703	756650	269	355	86	211
Receptor_234	Offsite Worker	372677	756588	295	403	107	232
Receptor_235	Offsite Worker	372619	756588	314	439	124	249
Receptor_236	Offsite Worker	372622	756509	355	498	144	268
Receptor_237	Offsite Worker	372700	756511	333	521	189	313
Receptor_238	Offsite Worker	372789	756510	318	465	147	272
Receptor_239	Offsite Worker	372871	756509	316	413	97	222
Receptor_24	Recreational	366492	757427	128	137	9	134
Receptor_240	Offsite Worker	372871	756437	317	423	106	231
Receptor_241	Offsite Worker	372970	756437	280	366	85	210
Receptor_242	Offsite Worker	373069	756437	246	328	82	207
Receptor_243	Offsite Worker	373168	756437	225	301	76	201
Receptor_244	Offsite Worker	373267	756437	213	282	69	193
Receptor_245	Offsite Worker	373412	756437	195	257	62	187
Receptor_246	Offsite Worker	373409	756339	207	262	55	180
Receptor_247	Offsite Worker	373406	756240	207	269	62	187
Receptor_248	Offsite Worker	373403	756142	197	250	52	177
Receptor_249	Offsite Worker	373400	756042	203	243	41	166
Receptor_25	Recreational	366453	757515	128	134	6	130
Receptor_250	Offsite Worker	373397	755944	192	227	36	160
Receptor_251	Offsite Worker	373393	755846	187	219	33	157
Receptor_252	Offsite Worker	373390	755747	183	206	23	148
Receptor_253	Offsite Worker	373309	755744	189	206	17	142
Receptor_254	Offsite Worker	373229	755743	192	208	17	141
Receptor_255	Offsite Worker	373143	755741	192	214	22	147
Receptor_256	Offsite Worker	373143	755823	204	223	19	143
Receptor_257	Offsite Worker	373143	755906	212	242	30	154
Receptor_258	Offsite Worker	373065	755906	220	241	21	146
Receptor_259	Offsite Worker	373065	755827	206	231	25	150
Receptor_26	Recreational	366415	757603	126	135	8	133
Receptor_260	Offsite Worker	373068	755733	190	220	30	154
Receptor_261	Offsite Worker	373007	755733	189	218	29	154
Receptor_262	Offsite Worker	372941	755733	189	216	27	152
Receptor_263	Offsite Worker	372941	755636	183	201	17	142
Receptor_264	Offsite Worker	372941	755539	172	192	20	144

Table 20							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	170	181	11	136
Receptor_266	Offsite Worker	372913	755342	168	173	4	129
Receptor_267	Offsite Worker	372817	755346	171	174	3	128
Receptor_268	Offsite Worker	372720	755349	171	175	5	130
Receptor_269	Offsite Worker	372624	755352	172	180	9	134
Receptor_27	Recreational	366376	757692	124	132	8	133
Receptor_270	Offsite Worker	372527	755349	171	185	14	138
Receptor_271	Offsite Worker	372431	755353	167	187	20	144
Receptor_272	Offsite Worker	372334	755356	166	179	12	137
Receptor_273	Offsite Worker	372237	755359	167	178	12	136
Receptor_274	Offsite Worker	372141	755362	163	178	15	140
Receptor_275	Offsite Worker	372044	755366	162	177	15	140
Receptor_276	Offsite Worker	371948	755369	167	188	21	146
Receptor_277	Offsite Worker	371851	755372	165	199	34	158
Receptor_278	Offsite Worker	371755	755375	169	197	28	153
Receptor_279	Offsite Worker	371658	755378	170	199	29	154
Receptor_28	Residential	366338	757780	122	131	9	134
Receptor_280	Offsite Worker	371562	755382	169	199	30	154
Receptor_281	Offsite Worker	371465	755385	171	197	25	150
Receptor_282	Offsite Worker	371368	755388	173	198	26	151
Receptor_283	Offsite Worker	371272	755391	171	192	21	146
Receptor_284	Offsite Worker	371175	755395	168	188	20	145
Receptor_285	Offsite Worker	371079	755398	160	186	26	151
Receptor_286	Offsite Worker	371042	755478	168	195	27	152
Receptor_287	Offsite Worker	371009	755538	170	198	29	153
Receptor_288	Offsite Worker	370975	755597	173	215	42	167
Receptor_289	Offsite Worker	370925	755597	172	214	42	166
Receptor_29	Residential	366402	757746	123	132	9	134
Receptor_290	Offsite Worker	370860	755547	166	204	38	163
Receptor_291	Offsite Worker	370796	755497	162	191	29	154
Receptor_292	Offsite Worker	370733	755428	156	183	27	152
Receptor_293	Offsite Worker	370634	755428	164	187	22	147
Receptor_294	Offsite Worker	370536	755428	169	185	16	141
Receptor_295	Offsite Worker	370437	755428	172	184	12	137
Receptor_296	Offsite Worker	370338	755427	174	184	10	135
Receptor_297	Residential	370239	755427	175	184	9	134
Receptor_298	Residential	370138	755427	159	180	21	145
Receptor_299	Residential	370040	755427	158	183	24	149
Receptor_3	Recreational	367301	755573	127	145	18	143
Receptor_30	Residential	366467	757713	124	132	8	133
Receptor_300	Residential	369941	755426	161	183	23	148
Receptor_301	Residential	369842	755426	162	180	18	143
Receptor_302	School	369741	755435	163	176	13	138
Receptor_303	School	369643	755434	155	177	22	147
Receptor_304	Residential	369544	755434	155	175	20	144
Receptor_305	Residential	369445	755434	153	176	23	148

Table 20							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	152	174	22	147
Receptor_307	Offsite Worker	369249	755442	149	172	23	148
Receptor_308	Offsite Worker	369151	755442	146	167	20	145
Receptor_309	Offsite Worker	369052	755442	144	166	22	147
Receptor_31	Residential	366531	757679	126	134	8	132
Receptor_310	Residential	368953	755441	145	165	21	145
Receptor_311	Residential	368854	755441	143	165	22	147
Receptor_312	Residential	368755	755441	142	163	22	146
Receptor_313	Residential	368657	755441	141	162	22	146
Receptor_314	Residential	368558	755440	142	161	19	144
Receptor_315	Residential	368459	755440	141	161	20	145
Receptor_316	Residential	368360	755440	139	156	17	142
Receptor_317	Residential	368262	755439	138	153	15	140
Receptor_318	Residential	368186	755427	136	152	16	141
Receptor_319	Residential	368111	755414	134	150	16	141
Receptor_32	Residential	366567	757773	123	134	11	136
Receptor_320	Offsite Worker	368035	755402	133	149	17	141
Receptor_321	Offsite Worker	367960	755389	132	148	16	141
Receptor_322	Offsite Worker	367863	755390	131	148	17	142
Receptor_323	Offsite Worker	367766	755392	130	148	18	143
Receptor_324	Offsite Worker	367669	755393	129	146	17	142
Receptor_325	Offsite Worker	367572	755394	128	147	19	144
Receptor_326	Offsite Worker	367475	755395	127	144	18	142
Receptor_327	On-Site Occupational	370400	756850	212	192	-21	104
Receptor_33	Residential	366625	757758	124	135	11	136
Receptor_34	Residential	366682	757744	125	136	11	136
Receptor_35	Residential	366768	757788	125	137	13	137
Receptor_36	Residential	366854	757833	126	137	10	135
Receptor_37	Residential	366941	757877	127	136	9	134
Receptor_38	Residential	367027	757922	127	137	11	135
Receptor_39	Residential	367113	757966	130	138	8	133
Receptor_4	Recreational	367263	755661	125	141	16	141
Receptor_40	Residential	367192	757916	130	140	10	135
Receptor_41	Residential	367264	757916	132	141	9	133
Receptor_42	Residential	367335	757916	134	143	9	134
Receptor_43	Residential	367343	757966	133	142	9	133
Receptor_44	Residential	367404	757995	133	143	10	135
Receptor_45	Residential	367465	758024	135	143	8	133
Receptor_46	School	367504	757948	137	145	9	133
Receptor_47	School	367544	757873	138	148	9	134
Receptor_48	School	367587	757909	139	147	8	133
Receptor_49	School	367623	757866	139	148	9	134
Receptor_5	Recreational	367224	755749	123	140	17	141
Receptor_50	School	367694	757866	141	150	9	134
Receptor_51	School	367716	757927	141	149	7	132
Receptor_52	School	367737	757988	136	148	12	137

Table 20							
LAX SPAS						IFRW Flight Rule	
Operational Concentrations						NO2, 1-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	
Receptor ID	Type	X	Y	Baseline	SRA	Total Concentration (NAAQS) (µg/m³)	
				SRA		SRA	
Receptor_53	School	367727	758067	136	147	11	135
Receptor_54	School	367716	758146	139	145	7	131
Receptor_55	Residential	367673	758189	138	144	6	131
Receptor_56	School	367723	758254	137	143	6	130
Receptor_57	School	367784	758221	139	144	6	130
Receptor_58	School	367845	758189	140	145	5	130
Receptor_59	Residential	367816	758096	141	148	7	132
Receptor_6	Recreational	367186	755838	122	137	15	140
Receptor_60	Residential	367898	758066	143	149	6	131
Receptor_61	Residential	367980	758035	145	151	6	131
Receptor_62	Residential	368062	758005	148	154	6	131
Receptor_63	Residential	368144	757975	150	157	6	131
Receptor_64	Residential	368226	757945	153	161	8	133
Receptor_65	Residential	368301	757943	156	161	6	130
Receptor_66	Residential	368376	757941	156	162	6	131
Receptor_67	Residential	368452	757940	156	162	6	131
Receptor_68	Residential	368527	757938	156	162	6	131
Receptor_69	Residential	368563	757880	160	166	6	131
Receptor_7	Recreational	367147	755926	122	136	14	139
Receptor_70	Residential	368636	757926	158	165	7	132
Receptor_71	Residential	368709	757971	155	161	6	131
Receptor_72	Residential	368782	758017	155	157	2	127
Receptor_73	Residential	368855	758062	152	157	4	129
Receptor_74	Residential	368928	758108	151	156	6	131
Receptor_75	Residential	369001	758153	150	156	6	131
Receptor_76	Residential	369058	758074	153	159	6	131
Receptor_77	Residential	369102	758103	152	160	7	132
Receptor_78	Residential	369145	758132	151	158	6	131
Receptor_79	Residential	369200	758065	155	164	9	133
Receptor_8	Recreational	367109	756014	122	141	19	144
Receptor_80	Residential	369255	757998	159	168	9	134
Receptor_81	Residential	369310	757931	164	174	10	135
Receptor_82	Residential	369356	757981	162	171	8	133
Receptor_83	Residential	369403	758031	160	167	7	131
Receptor_84	Recreational	369336	758100	156	161	4	129
Receptor_85	Recreational	369269	758170	152	157	5	130
Receptor_86	Recreational	369202	758239	149	155	6	131
Receptor_87	Recreational	369264	758285	151	153	2	127
Receptor_88	Recreational	369326	758330	148	151	2	127
Receptor_89	Recreational	369389	758376	149	152	2	127
Receptor_9	Recreational	367070	756103	122	140	18	143
Receptor_90	Recreational	369389	758462	146	150	4	129
Receptor_91	Recreational	369389	758548	142	148	6	131
Receptor_92	Residential	369389	758634	141	143	3	128
Receptor_93	Residential	369469	758630	142	144	2	126
Receptor_94	Residential	369549	758625	142	145	4	128

Table 20							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
Receptor ID	Type	Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	142	145	3	128
Receptor_96	Residential	369710	758617	145	145	-1	124
Receptor_97	Residential	369791	758613	146	147	1	126
Receptor_98	Residential	369791	758514	151	151	1	126
Receptor_99	Residential	369791	758416	155	156	0	125

Table 21											
LAX SPAS										IFRW Flight Rule	
Operational Concentrations										NO2, 1-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)									98th Percentile	
Peak Values of Average Concentrations				Peak Project Concentrations				Total Concentration (NAAQS)			
Type	1-Hour NO2	Location		Type	1-Hour NO2	Location		Type	1-Hour NO2	Location	
	(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	175	370239	755427	Residential	66	371248	758024	Residential	191	371248	758024
School	184	370250	758189	School	22	369643	755434	School	147	369643	755434
Offsite Worker	355	372622	756509	Offsite Worker	189	372700	756511	Offsite Worker	313	372700	756511
Recreational	156	369336	758100	Recreational	19	367109	756014	Recreational	144	367109	756014
On-Site Occupational	212	370400	756850	On-Site Occupational	-21	370400	756850	On-Site Occupational	104	370400	756850
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	229	371248	758024								
School	180	370361	758236								
Offsite Worker	521	372700	756511								
Recreational	161	369336	758100								
On-Site Occupational	192	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
98th percentile (high 8th high in AERMOD) only applicable to NAAQS.											

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	51	64	13	79
Receptor_10	Recreational	367032	756191	48	95	47	113
Receptor_100	Residential	369791	758318	103	113	10	76
Receptor_101	Residential	369881	758318	103	107	4	69
Receptor_102	Residential	369972	758318	98	99	1	66
Receptor_103	Residential	370062	758318	94	95	1	67
Receptor_104	Residential	370153	758318	92	91	-1	65
Receptor_105	Residential	370243	758318	95	89	-6	60
Receptor_106	School	370247	758254	99	93	-7	59
Receptor_107	School	370250	758189	104	96	-7	58
Receptor_108	School	370308	758196	108	96	-12	53
Receptor_109	School	370361	758236	107	93	-15	51
Receptor_11	Recreational	366993	756279	46	88	42	108
Receptor_110	School	370415	758275	105	90	-15	50
Receptor_111	Residential	370408	758347	99	86	-13	52
Receptor_112	Residential	370490	758344	110	85	-25	41
Receptor_113	Residential	370572	758341	104	88	-16	50
Receptor_114	Residential	370654	758338	83	92	9	74
Receptor_115	Residential	370735	758335	86	98	12	77
Receptor_116	Residential	370817	758333	83	103	20	86
Receptor_117	Offsite Worker	370814	758243	85	114	30	95
Receptor_118	Offsite Worker	370810	758153	91	126	36	101
Receptor_119	Offsite Worker	370807	758063	98	139	41	106
Receptor_12	Recreational	366954	756367	47	89	42	107
Receptor_120	Offsite Worker	370803	757974	101	153	52	117
Receptor_121	Offsite Worker	370835	757927	113	163	50	116
Receptor_122	Offsite Worker	370868	757880	126	177	52	117
Receptor_123	Offsite Worker	370921	757884	117	186	69	134
Receptor_124	Offsite Worker	370975	757887	112	200	88	154
Receptor_125	Offsite Worker	370975	757794	107	265	159	224
Receptor_126	Offsite Worker	371026	757794	111	275	164	230
Receptor_127	Offsite Worker	371076	757877	95	229	134	200
Receptor_128	Offsite Worker	371126	757959	93	198	105	170
Receptor_129	Offsite Worker	371119	758031	91	173	82	148
Receptor_13	Recreational	366916	756456	47	85	38	103
Receptor_130	Residential	371183	758027	88	179	91	157
Receptor_131	Residential	371248	758024	82	174	93	158
Receptor_132	Residential	371326	758075	76	157	81	147
Receptor_133	Residential	371404	758127	71	141	70	136
Receptor_134	Residential	371481	758178	67	128	61	126
Receptor_135	Residential	371559	758230	63	116	53	118
Receptor_136	Residential	371637	758281	59	105	46	111
Receptor_137	Residential	371715	758333	56	96	40	105
Receptor_138	Residential	371769	758261	51	88	37	102
Receptor_139	Residential	371822	758189	52	107	56	121

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	46	79	33	98
Receptor_140	Residential	371894	758160	57	116	60	125
Receptor_141	Residential	371894	758081	64	130	66	131
Receptor_142	Residential	371959	758074	63	128	65	131
Receptor_143	Offsite Worker	371953	757977	61	130	68	134
Receptor_144	Offsite Worker	371948	757880	54	116	62	127
Receptor_145	Offsite Worker	371943	757783	53	107	53	119
Receptor_146	Offsite Worker	372016	757794	51	102	51	117
Receptor_147	Offsite Worker	372102	757791	48	100	52	117
Receptor_148	Offsite Worker	372178	757760	45	102	57	122
Receptor_149	Offsite Worker	372177	757670	46	105	59	124
Receptor_15	Recreational	366839	756632	43	73	30	95
Receptor_150	Offsite Worker	372176	757579	48	98	50	115
Receptor_151	Offsite Worker	372174	757489	46	91	46	111
Receptor_152	Offsite Worker	372173	757398	49	89	40	105
Receptor_153	Offsite Worker	372171	757308	60	94	34	99
Receptor_154	Offsite Worker	372055	757309	56	101	45	110
Receptor_155	Residential	372055	757363	49	98	49	115
Receptor_156	Offsite Worker	372055	757416	47	98	50	116
Receptor_157	Offsite Worker	371952	757442	50	107	58	123
Receptor_158	Offsite Worker	371950	757345	50	107	56	121
Receptor_159	Offsite Worker	371864	757344	53	113	60	126
Receptor_16	Recreational	366800	756720	44	73	28	94
Receptor_160	Offsite Worker	371790	757347	55	119	64	129
Receptor_161	Offsite Worker	371708	757356	58	126	68	133
Receptor_162	Offsite Worker	371615	757356	62	136	73	139
Receptor_163	Offsite Worker	371523	757356	67	146	79	145
Receptor_164	Offsite Worker	371430	757356	71	157	85	151
Receptor_165	Offsite Worker	371338	757356	77	168	92	157
Receptor_166	Offsite Worker	371245	757356	83	181	98	164
Receptor_167	Offsite Worker	371153	757356	89	195	105	171
Receptor_168	Offsite Worker	371061	757356	96	210	114	179
Receptor_169	Offsite Worker	371005	757357	101	221	120	185
Receptor_17	Recreational	366762	756809	45	70	25	91
Receptor_170	Offsite Worker	370998	757293	92	202	109	175
Receptor_171	Offsite Worker	370998	757194	92	171	79	145
Receptor_172	Offsite Worker	370998	757096	99	164	65	131
Receptor_173	Offsite Worker	370998	756998	87	153	65	131
Receptor_174	Offsite Worker	371057	756997	85	149	64	129
Receptor_175	Offsite Worker	371153	756997	80	141	61	126
Receptor_176	Offsite Worker	371249	756997	77	132	55	120
Receptor_177	Offsite Worker	371345	756997	76	123	47	112
Receptor_178	Offsite Worker	371440	756997	81	121	39	105
Receptor_179	Offsite Worker	371536	756997	86	126	40	105
Receptor_18	Recreational	366723	756897	45	66	21	87

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	89	128	39	105
Receptor_181	Offsite Worker	371728	756997	88	127	39	104
Receptor_182	Offsite Worker	371824	756997	85	123	38	104
Receptor_183	Offsite Worker	371920	756997	80	119	38	104
Receptor_184	Offsite Worker	372016	756997	75	114	39	105
Receptor_185	Offsite Worker	372111	756997	70	130	61	126
Receptor_186	Offsite Worker	372207	756997	65	116	50	116
Receptor_187	Offsite Worker	372303	756997	64	113	49	115
Receptor_188	Offsite Worker	372399	756997	67	124	57	122
Receptor_189	Offsite Worker	372495	756997	71	140	69	134
Receptor_19	Recreational	366685	756985	45	62	16	82
Receptor_190	Offsite Worker	372591	756997	79	148	69	134
Receptor_191	Offsite Worker	372610	757063	73	133	60	125
Receptor_192	Offsite Worker	372612	757132	68	115	47	112
Receptor_193	Offsite Worker	372614	757201	62	99	36	102
Receptor_194	Offsite Worker	372616	757270	58	89	31	96
Receptor_195	Offsite Worker	372627	757351	57	85	29	94
Receptor_196	Offsite Worker	372651	757422	55	82	27	92
Receptor_197	Offsite Worker	372676	757494	52	77	25	91
Receptor_198	Offsite Worker	372704	757569	47	71	23	89
Receptor_199	Offsite Worker	372733	757645	44	73	29	95
Receptor_2	Recreational	367340	755485	49	71	22	87
Receptor_20	Recreational	366646	757074	45	62	17	83
Receptor_200	Offsite Worker	372746	757702	42	76	34	99
Receptor_201	Offsite Worker	372746	757768	40	78	38	103
Receptor_202	Offsite Worker	372807	757781	42	76	34	99
Receptor_203	Offsite Worker	372901	757782	43	72	30	95
Receptor_204	Offsite Worker	372994	757783	39	69	31	96
Receptor_205	Offsite Worker	373087	757783	39	67	28	93
Receptor_206	Offsite Worker	373180	757784	40	64	24	89
Receptor_207	Offsite Worker	373274	757785	42	65	24	89
Receptor_208	Offsite Worker	373367	757786	43	70	26	92
Receptor_209	Offsite Worker	373418	757742	46	77	30	96
Receptor_21	Recreational	366607	757162	44	64	20	85
Receptor_210	Offsite Worker	373418	757653	50	86	35	101
Receptor_211	Offsite Worker	373419	757564	54	94	39	105
Receptor_212	Offsite Worker	373419	757475	57	103	46	112
Receptor_213	Offsite Worker	373420	757386	57	115	58	124
Receptor_214	Offsite Worker	373420	757297	57	126	69	135
Receptor_215	Offsite Worker	373421	757207	60	128	67	133
Receptor_216	Offsite Worker	373421	757118	62	112	49	115
Receptor_217	Offsite Worker	373292	757117	67	146	79	144
Receptor_218	Offsite Worker	373213	757118	69	153	84	149
Receptor_219	Offsite Worker	373158	757066	74	162	89	154
Receptor_22	Recreational	366569	757250	44	65	21	86

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	82	170	88	154
Receptor_221	Offsite Worker	373009	757011	90	169	79	144
Receptor_222	Offsite Worker	372922	757009	92	160	68	133
Receptor_223	Offsite Worker	372835	757007	88	152	64	129
Receptor_224	Offsite Worker	372747	757006	82	147	66	131
Receptor_225	Offsite Worker	372660	757004	80	147	67	133
Receptor_226	Offsite Worker	372651	757063	75	136	61	126
Receptor_227	Offsite Worker	372629	756931	88	160	73	138
Receptor_228	Offsite Worker	372631	756857	98	179	81	147
Receptor_229	Offsite Worker	372634	756783	116	209	93	159
Receptor_23	Recreational	366530	757338	43	66	23	88
Receptor_230	Offsite Worker	372702	756778	126	221	96	161
Receptor_231	Offsite Worker	372756	756775	130	233	103	168
Receptor_232	Offsite Worker	372729	756712	146	268	123	188
Receptor_233	Offsite Worker	372703	756650	163	314	151	217
Receptor_234	Offsite Worker	372677	756588	179	375	196	261
Receptor_235	Offsite Worker	372619	756588	192	350	157	223
Receptor_236	Offsite Worker	372622	756509	213	486	273	339
Receptor_237	Offsite Worker	372700	756511	223	325	102	168
Receptor_238	Offsite Worker	372789	756510	201	313	111	177
Receptor_239	Offsite Worker	372871	756509	163	283	120	185
Receptor_24	Recreational	366492	757427	46	65	19	84
Receptor_240	Offsite Worker	372871	756437	214	288	74	140
Receptor_241	Offsite Worker	372970	756437	193	258	66	131
Receptor_242	Offsite Worker	373069	756437	174	232	58	124
Receptor_243	Offsite Worker	373168	756437	157	209	52	117
Receptor_244	Offsite Worker	373267	756437	144	190	46	112
Receptor_245	Offsite Worker	373412	756437	127	166	40	105
Receptor_246	Offsite Worker	373409	756339	118	162	44	110
Receptor_247	Offsite Worker	373406	756240	121	180	59	124
Receptor_248	Offsite Worker	373403	756142	105	179	74	140
Receptor_249	Offsite Worker	373400	756042	92	161	69	134
Receptor_25	Recreational	366453	757515	48	60	12	78
Receptor_250	Offsite Worker	373397	755944	90	138	48	114
Receptor_251	Offsite Worker	373393	755846	85	126	41	107
Receptor_252	Offsite Worker	373390	755747	81	122	41	106
Receptor_253	Offsite Worker	373309	755744	85	124	39	105
Receptor_254	Offsite Worker	373229	755743	89	127	38	103
Receptor_255	Offsite Worker	373143	755741	93	129	36	102
Receptor_256	Offsite Worker	373143	755823	92	135	43	109
Receptor_257	Offsite Worker	373143	755906	95	140	45	111
Receptor_258	Offsite Worker	373065	755906	95	143	49	114
Receptor_259	Offsite Worker	373065	755827	97	138	42	107
Receptor_26	Recreational	366415	757603	48	61	13	78
Receptor_260	Offsite Worker	373068	755733	96	131	34	100

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	99	132	33	99
Receptor_262	Offsite Worker	372941	755733	102	134	32	98
Receptor_263	Offsite Worker	372941	755636	91	120	29	95
Receptor_264	Offsite Worker	372941	755539	79	105	27	92
Receptor_265	Offsite Worker	372941	755442	70	93	23	88
Receptor_266	Offsite Worker	372913	755342	65	81	15	81
Receptor_267	Offsite Worker	372817	755346	66	80	14	80
Receptor_268	Offsite Worker	372720	755349	66	82	15	81
Receptor_269	Offsite Worker	372624	755352	67	83	16	82
Receptor_27	Recreational	366376	757692	48	62	15	80
Receptor_270	Offsite Worker	372527	755349	67	84	17	83
Receptor_271	Offsite Worker	372431	755353	67	85	18	83
Receptor_272	Offsite Worker	372334	755356	76	86	10	76
Receptor_273	Offsite Worker	372237	755359	68	91	22	88
Receptor_274	Offsite Worker	372141	755362	69	95	26	92
Receptor_275	Offsite Worker	372044	755366	69	94	25	91
Receptor_276	Offsite Worker	371948	755369	69	89	20	85
Receptor_277	Offsite Worker	371851	755372	72	89	17	82
Receptor_278	Offsite Worker	371755	755375	79	90	11	76
Receptor_279	Offsite Worker	371658	755378	83	92	8	74
Receptor_28	Residential	366338	757780	46	64	17	83
Receptor_280	Offsite Worker	371562	755382	84	92	8	73
Receptor_281	Offsite Worker	371465	755385	82	94	12	77
Receptor_282	Offsite Worker	371368	755388	82	98	16	81
Receptor_283	Offsite Worker	371272	755391	85	97	12	77
Receptor_284	Offsite Worker	371175	755395	89	99	10	76
Receptor_285	Offsite Worker	371079	755398	93	102	9	74
Receptor_286	Offsite Worker	371042	755478	98	109	11	76
Receptor_287	Offsite Worker	371009	755538	103	114	11	76
Receptor_288	Offsite Worker	370975	755597	109	124	15	80
Receptor_289	Offsite Worker	370925	755597	111	126	15	80
Receptor_29	Residential	366402	757746	48	64	17	82
Receptor_290	Offsite Worker	370860	755547	112	124	12	77
Receptor_291	Offsite Worker	370796	755497	115	122	7	73
Receptor_292	Offsite Worker	370733	755428	126	115	-11	54
Receptor_293	Offsite Worker	370634	755428	144	121	-23	42
Receptor_294	Offsite Worker	370536	755428	151	128	-24	42
Receptor_295	Offsite Worker	370437	755428	147	137	-10	55
Receptor_296	Offsite Worker	370338	755427	135	141	6	72
Receptor_297	Residential	370239	755427	106	140	35	100
Receptor_298	Residential	370138	755427	115	147	31	97
Receptor_299	Residential	370040	755427	121	151	30	96
Receptor_3	Recreational	367301	755573	44	78	33	99
Receptor_30	Residential	366467	757713	49	65	17	82
Receptor_300	Residential	369941	755426	115	150	35	100

Table 22							IFRW Flight Rule
LAX SPAS							SO₂, 1-Hour Averaging Time
Operational Concentrations							Maximum Hourly Value
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	123	154	31	96
Receptor_302	School	369741	755435	122	149	27	93
Receptor_303	School	369643	755434	109	143	34	99
Receptor_304	Residential	369544	755434	114	147	34	99
Receptor_305	Residential	369445	755434	109	141	32	98
Receptor_306	Residential	369346	755434	100	123	23	89
Receptor_307	Offsite Worker	369249	755442	90	115	25	90
Receptor_308	Offsite Worker	369151	755442	79	110	31	96
Receptor_309	Offsite Worker	369052	755442	70	108	38	103
Receptor_31	Residential	366531	757679	50	66	16	82
Receptor_310	Residential	368953	755441	68	107	39	104
Receptor_311	Residential	368854	755441	70	105	35	100
Receptor_312	Residential	368755	755441	72	102	30	95
Receptor_313	Residential	368657	755441	73	105	32	98
Receptor_314	Residential	368558	755440	72	108	35	101
Receptor_315	Residential	368459	755440	70	109	39	104
Receptor_316	Residential	368360	755440	67	109	42	107
Receptor_317	Residential	368262	755439	64	107	43	108
Receptor_318	Residential	368186	755427	63	103	41	106
Receptor_319	Residential	368111	755414	61	100	38	104
Receptor_32	Residential	366567	757773	49	69	20	85
Receptor_320	Offsite Worker	368035	755402	60	95	35	101
Receptor_321	Offsite Worker	367960	755389	59	91	32	98
Receptor_322	Offsite Worker	367863	755390	58	84	26	92
Receptor_323	Offsite Worker	367766	755392	57	77	20	85
Receptor_324	Offsite Worker	367669	755393	55	69	14	79
Receptor_325	Offsite Worker	367572	755394	54	66	12	78
Receptor_326	Offsite Worker	367475	755395	53	65	13	78
Receptor_327	On-Site Occupational	370400	756850	102	120	18	83
Receptor_33	Residential	366625	757758	50	70	20	86
Receptor_34	Residential	366682	757744	51	71	20	86
Receptor_35	Residential	366768	757788	51	74	23	88
Receptor_36	Residential	366854	757833	51	77	26	91
Receptor_37	Residential	366941	757877	51	80	29	94
Receptor_38	Residential	367027	757922	51	82	32	97
Receptor_39	Residential	367113	757966	51	85	34	100
Receptor_4	Recreational	367263	755661	44	81	37	102
Receptor_40	Residential	367192	757916	53	87	35	100
Receptor_41	Residential	367264	757916	54	90	36	102
Receptor_42	Residential	367335	757916	55	92	38	103
Receptor_43	Residential	367343	757966	54	93	39	105
Receptor_44	Residential	367404	757995	55	95	40	106
Receptor_45	Residential	367465	758024	56	98	42	107
Receptor_46	School	367504	757948	57	100	43	109
Receptor_47	School	367544	757873	61	103	42	107

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	60	105	45	110
Receptor_49	School	367623	757866	63	107	44	110
Receptor_5	Recreational	367224	755749	44	87	43	108
Receptor_50	School	367694	757866	65	112	47	113
Receptor_51	School	367716	757927	63	112	49	115
Receptor_52	School	367737	757988	63	115	52	117
Receptor_53	School	367727	758067	61	111	51	116
Receptor_54	School	367716	758146	56	104	48	113
Receptor_55	Residential	367673	758189	54	100	46	112
Receptor_56	School	367723	758254	50	91	41	107
Receptor_57	School	367784	758221	52	94	42	108
Receptor_58	School	367845	758189	54	97	43	109
Receptor_59	Residential	367816	758096	60	110	51	116
Receptor_6	Recreational	367186	755838	49	99	50	116
Receptor_60	Residential	367898	758066	62	114	53	118
Receptor_61	Residential	367980	758035	64	118	55	120
Receptor_62	Residential	368062	758005	66	123	56	122
Receptor_63	Residential	368144	757975	69	127	58	123
Receptor_64	Residential	368226	757945	71	131	59	125
Receptor_65	Residential	368301	757943	75	132	57	122
Receptor_66	Residential	368376	757941	82	146	64	129
Receptor_67	Residential	368452	757940	88	170	82	148
Receptor_68	Residential	368527	757938	89	199	110	175
Receptor_69	Residential	368563	757880	98	215	118	183
Receptor_7	Recreational	367147	755926	52	106	55	120
Receptor_70	Residential	368636	757926	90	213	123	188
Receptor_71	Residential	368709	757971	94	192	98	163
Receptor_72	Residential	368782	758017	97	177	80	146
Receptor_73	Residential	368855	758062	86	159	73	139
Receptor_74	Residential	368928	758108	85	135	50	115
Receptor_75	Residential	369001	758153	85	149	64	129
Receptor_76	Residential	369058	758074	90	165	75	140
Receptor_77	Residential	369102	758103	88	167	79	145
Receptor_78	Residential	369145	758132	88	163	75	141
Receptor_79	Residential	369200	758065	96	170	74	139
Receptor_8	Recreational	367109	756014	53	108	55	121
Receptor_80	Residential	369255	757998	103	172	69	135
Receptor_81	Residential	369310	757931	110	185	75	140
Receptor_82	Residential	369356	757981	112	178	66	131
Receptor_83	Residential	369403	758031	116	165	49	114
Receptor_84	Recreational	369336	758100	102	160	58	124
Receptor_85	Recreational	369269	758170	89	147	58	124
Receptor_86	Recreational	369202	758239	86	144	59	124
Receptor_87	Recreational	369264	758285	84	136	52	118
Receptor_88	Recreational	369326	758330	90	135	45	110

Table 22							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	90	127	37	102
Receptor_9	Recreational	367070	756103	51	104	53	118
Receptor_90	Recreational	369389	758462	85	120	35	100
Receptor_91	Recreational	369389	758548	80	114	33	98
Receptor_92	Residential	369389	758634	76	108	32	97
Receptor_93	Residential	369469	758630	79	100	21	86
Receptor_94	Residential	369549	758625	75	92	17	82
Receptor_95	Residential	369630	758621	65	85	20	85
Receptor_96	Residential	369710	758617	74	90	16	81
Receptor_97	Residential	369791	758613	83	94	11	76
Receptor_98	Residential	369791	758514	89	100	11	76
Receptor_99	Residential	369791	758416	95	106	11	76

Table 23											
LAX SPAS										IFRW Flight Rule	
Operational Concentrations										SO ₂ , 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)										Maximum Hourly Value	
Peak Values of Average Concentrations				Peak Project Concentrations				Total Concentration (CAAQS)			
Type	1-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	123	369842	755426	Residential	123	368636	757926	Residential	188	368636	757926
School	122	369741	755435	School	52	367737	757988	School	117	367737	757988
Offsite Worker	223	372700	756511	Offsite Worker	273	372622	756509	Offsite Worker	339	372622	756509
Recreational	102	369336	758100	Recreational	59	369202	758239	Recreational	124	369202	758239
On-Site Occupational	102	370400	756850	On-Site Occupational	18	370400	756850	On-Site Occupational	83	370400	756850
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	215	368563	757880								
School	149	369741	755435								
Offsite Worker	486	372622	756509								
Recreational	160	369336	758100								
On-Site Occupational	120	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Maximum hourly value only applicable to CAAQS.											

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	39	61	22	59
Receptor_10	Recreational	367032	756191	42	78	36	72
Receptor_100	Residential	369791	758318	75	96	21	58
Receptor_101	Residential	369881	758318	73	93	19	56
Receptor_102	Residential	369972	758318	69	88	19	55
Receptor_103	Residential	370062	758318	68	85	17	54
Receptor_104	Residential	370153	758318	67	85	18	54
Receptor_105	Residential	370243	758318	72	85	13	49
Receptor_106	School	370247	758254	76	88	12	49
Receptor_107	School	370250	758189	80	93	14	50
Receptor_108	School	370308	758196	86	93	8	45
Receptor_109	School	370361	758236	81	90	10	46
Receptor_11	Recreational	366993	756279	43	73	30	67
Receptor_110	School	370415	758275	78	88	10	46
Receptor_111	Residential	370408	758347	73	84	11	48
Receptor_112	Residential	370490	758344	79	84	4	41
Receptor_113	Residential	370572	758341	79	84	5	42
Receptor_114	Residential	370654	758338	71	84	13	50
Receptor_115	Residential	370735	758335	68	86	18	54
Receptor_116	Residential	370817	758333	71	90	19	56
Receptor_117	Offsite Worker	370814	758243	79	96	17	54
Receptor_118	Offsite Worker	370810	758153	85	104	19	56
Receptor_119	Offsite Worker	370807	758063	88	112	24	61
Receptor_12	Recreational	366954	756367	40	68	29	65
Receptor_120	Offsite Worker	370803	757974	99	123	24	61
Receptor_121	Offsite Worker	370835	757927	101	136	34	71
Receptor_122	Offsite Worker	370868	757880	99	150	51	88
Receptor_123	Offsite Worker	370921	757884	95	139	44	81
Receptor_124	Offsite Worker	370975	757887	90	147	57	93
Receptor_125	Offsite Worker	370975	757794	101	184	82	119
Receptor_126	Offsite Worker	371026	757794	91	184	93	129
Receptor_127	Offsite Worker	371076	757877	81	154	72	109
Receptor_128	Offsite Worker	371126	757959	77	135	59	95
Receptor_129	Offsite Worker	371119	758031	76	123	47	83
Receptor_13	Recreational	366916	756456	37	66	29	66
Receptor_130	Residential	371183	758027	72	123	50	87
Receptor_131	Residential	371248	758024	69	121	53	89
Receptor_132	Residential	371326	758075	64	113	48	85
Receptor_133	Residential	371404	758127	60	107	47	83
Receptor_134	Residential	371481	758178	56	101	45	82
Receptor_135	Residential	371559	758230	52	96	44	81
Receptor_136	Residential	371637	758281	50	91	42	78
Receptor_137	Residential	371715	758333	47	86	39	75
Receptor_138	Residential	371769	758261	44	84	39	76
Receptor_139	Residential	371822	758189	45	83	38	74
Receptor_14	Recreational	366877	756544	40	62	23	59

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO ₂ , 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	44	81	37	73
Receptor_141	Residential	371894	758081	44	90	46	82
Receptor_142	Residential	371959	758074	43	84	41	78
Receptor_143	Offsite Worker	371953	757977	45	89	44	81
Receptor_144	Offsite Worker	371948	757880	47	84	37	73
Receptor_145	Offsite Worker	371943	757783	46	93	47	84
Receptor_146	Offsite Worker	372016	757794	44	86	42	79
Receptor_147	Offsite Worker	372102	757791	42	76	34	71
Receptor_148	Offsite Worker	372178	757760	39	70	31	67
Receptor_149	Offsite Worker	372177	757670	40	71	30	67
Receptor_15	Recreational	366839	756632	39	65	25	62
Receptor_150	Offsite Worker	372176	757579	43	76	33	70
Receptor_151	Offsite Worker	372174	757489	44	72	28	65
Receptor_152	Offsite Worker	372173	757398	42	73	31	68
Receptor_153	Offsite Worker	372171	757308	43	77	34	71
Receptor_154	Offsite Worker	372055	757309	45	83	37	74
Receptor_155	Residential	372055	757363	44	79	35	71
Receptor_156	Offsite Worker	372055	757416	44	78	34	71
Receptor_157	Offsite Worker	371952	757442	48	87	39	76
Receptor_158	Offsite Worker	371950	757345	46	87	41	78
Receptor_159	Offsite Worker	371864	757344	48	88	39	76
Receptor_16	Recreational	366800	756720	41	64	23	60
Receptor_160	Offsite Worker	371790	757347	51	92	41	78
Receptor_161	Offsite Worker	371708	757356	53	98	45	82
Receptor_162	Offsite Worker	371615	757356	55	107	52	89
Receptor_163	Offsite Worker	371523	757356	59	117	58	95
Receptor_164	Offsite Worker	371430	757356	63	129	66	103
Receptor_165	Offsite Worker	371338	757356	67	140	73	109
Receptor_166	Offsite Worker	371245	757356	72	152	79	116
Receptor_167	Offsite Worker	371153	757356	78	173	95	132
Receptor_168	Offsite Worker	371061	757356	84	184	100	137
Receptor_169	Offsite Worker	371005	757357	89	192	104	140
Receptor_17	Recreational	366762	756809	43	65	22	58
Receptor_170	Offsite Worker	370998	757293	87	161	73	110
Receptor_171	Offsite Worker	370998	757194	84	154	70	106
Receptor_172	Offsite Worker	370998	757096	82	127	45	82
Receptor_173	Offsite Worker	370998	756998	80	107	27	64
Receptor_174	Offsite Worker	371057	756997	77	105	28	64
Receptor_175	Offsite Worker	371153	756997	76	100	24	60
Receptor_176	Offsite Worker	371249	756997	74	102	28	65
Receptor_177	Offsite Worker	371345	756997	70	110	39	76
Receptor_178	Offsite Worker	371440	756997	66	106	40	77
Receptor_179	Offsite Worker	371536	756997	62	101	38	75
Receptor_18	Recreational	366723	756897	42	62	20	57
Receptor_180	Offsite Worker	371632	756997	59	101	42	79
Receptor_181	Offsite Worker	371728	756997	54	99	44	81

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	54	101	47	84
Receptor_183	Offsite Worker	371920	756997	55	105	51	87
Receptor_184	Offsite Worker	372016	756997	55	107	52	89
Receptor_185	Offsite Worker	372111	756997	54	107	53	89
Receptor_186	Offsite Worker	372207	756997	54	105	50	87
Receptor_187	Offsite Worker	372303	756997	55	96	41	78
Receptor_188	Offsite Worker	372399	756997	56	94	38	74
Receptor_189	Offsite Worker	372495	756997	59	98	40	76
Receptor_19	Recreational	366685	756985	42	59	18	54
Receptor_190	Offsite Worker	372591	756997	64	97	33	69
Receptor_191	Offsite Worker	372610	757063	59	90	31	67
Receptor_192	Offsite Worker	372612	757132	55	84	29	66
Receptor_193	Offsite Worker	372614	757201	51	80	29	66
Receptor_194	Offsite Worker	372616	757270	47	76	29	65
Receptor_195	Offsite Worker	372627	757351	43	70	27	63
Receptor_196	Offsite Worker	372651	757422	41	67	26	63
Receptor_197	Offsite Worker	372676	757494	39	63	24	61
Receptor_198	Offsite Worker	372704	757569	37	61	25	61
Receptor_199	Offsite Worker	372733	757645	36	60	23	60
Receptor_2	Recreational	367340	755485	40	65	24	61
Receptor_20	Recreational	366646	757074	41	59	18	54
Receptor_200	Offsite Worker	372746	757702	35	57	22	58
Receptor_201	Offsite Worker	372746	757768	32	52	20	57
Receptor_202	Offsite Worker	372807	757781	32	50	18	55
Receptor_203	Offsite Worker	372901	757782	34	54	19	56
Receptor_204	Offsite Worker	372994	757783	36	56	20	56
Receptor_205	Offsite Worker	373087	757783	38	59	21	58
Receptor_206	Offsite Worker	373180	757784	38	60	22	59
Receptor_207	Offsite Worker	373274	757785	36	60	23	60
Receptor_208	Offsite Worker	373367	757786	34	56	22	59
Receptor_209	Offsite Worker	373418	757742	34	52	19	55
Receptor_21	Recreational	366607	757162	39	58	19	55
Receptor_210	Offsite Worker	373418	757653	36	53	17	54
Receptor_211	Offsite Worker	373419	757564	37	56	18	55
Receptor_212	Offsite Worker	373419	757475	38	59	21	58
Receptor_213	Offsite Worker	373420	757386	41	65	24	60
Receptor_214	Offsite Worker	373420	757297	46	73	27	64
Receptor_215	Offsite Worker	373421	757207	47	82	34	71
Receptor_216	Offsite Worker	373421	757118	52	88	36	72
Receptor_217	Offsite Worker	373292	757117	55	89	35	71
Receptor_218	Offsite Worker	373213	757118	54	87	33	70
Receptor_219	Offsite Worker	373158	757066	57	93	35	72
Receptor_22	Recreational	366569	757250	38	57	20	56
Receptor_220	Offsite Worker	373084	757026	60	96	37	73
Receptor_221	Offsite Worker	373009	757011	59	96	37	73
Receptor_222	Offsite Worker	372922	757009	61	96	36	72

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	68	107	39	76
Receptor_224	Offsite Worker	372747	757006	64	105	41	77
Receptor_225	Offsite Worker	372660	757004	68	103	34	71
Receptor_226	Offsite Worker	372651	757063	62	93	31	68
Receptor_227	Offsite Worker	372629	756931	75	112	37	74
Receptor_228	Offsite Worker	372631	756857	85	127	42	79
Receptor_229	Offsite Worker	372634	756783	95	146	51	88
Receptor_23	Recreational	366530	757338	39	56	18	54
Receptor_230	Offsite Worker	372702	756778	94	147	53	90
Receptor_231	Offsite Worker	372756	756775	86	139	53	90
Receptor_232	Offsite Worker	372729	756712	102	156	55	91
Receptor_233	Offsite Worker	372703	756650	122	190	68	105
Receptor_234	Offsite Worker	372677	756588	148	227	79	116
Receptor_235	Offsite Worker	372619	756588	145	227	83	119
Receptor_236	Offsite Worker	372622	756509	185	274	89	126
Receptor_237	Offsite Worker	372700	756511	173	270	96	133
Receptor_238	Offsite Worker	372789	756510	167	248	80	117
Receptor_239	Offsite Worker	372871	756509	150	203	52	89
Receptor_24	Recreational	366492	757427	38	56	18	54
Receptor_240	Offsite Worker	372871	756437	162	240	78	115
Receptor_241	Offsite Worker	372970	756437	136	215	79	116
Receptor_242	Offsite Worker	373069	756437	123	194	71	108
Receptor_243	Offsite Worker	373168	756437	113	176	64	100
Receptor_244	Offsite Worker	373267	756437	104	160	56	93
Receptor_245	Offsite Worker	373412	756437	92	140	48	85
Receptor_246	Offsite Worker	373409	756339	98	144	46	83
Receptor_247	Offsite Worker	373406	756240	88	156	68	104
Receptor_248	Offsite Worker	373403	756142	85	156	70	107
Receptor_249	Offsite Worker	373400	756042	80	136	55	92
Receptor_25	Recreational	366453	757515	37	56	20	56
Receptor_250	Offsite Worker	373397	755944	79	121	42	78
Receptor_251	Offsite Worker	373393	755846	78	112	34	70
Receptor_252	Offsite Worker	373390	755747	74	100	26	63
Receptor_253	Offsite Worker	373309	755744	75	100	26	62
Receptor_254	Offsite Worker	373229	755743	76	103	27	63
Receptor_255	Offsite Worker	373143	755741	78	104	26	63
Receptor_256	Offsite Worker	373143	755823	81	115	34	70
Receptor_257	Offsite Worker	373143	755906	86	125	39	75
Receptor_258	Offsite Worker	373065	755906	87	127	40	77
Receptor_259	Offsite Worker	373065	755827	83	117	33	70
Receptor_26	Recreational	366415	757603	36	54	18	54
Receptor_260	Offsite Worker	373068	755733	78	104	26	63
Receptor_261	Offsite Worker	373007	755733	78	105	27	64
Receptor_262	Offsite Worker	372941	755733	79	107	28	65
Receptor_263	Offsite Worker	372941	755636	75	95	20	57
Receptor_264	Offsite Worker	372941	755539	67	84	17	53

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						99th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	64	80	17	53
Receptor_266	Offsite Worker	372913	755342	57	73	16	53
Receptor_267	Offsite Worker	372817	755346	56	74	17	54
Receptor_268	Offsite Worker	372720	755349	59	76	17	54
Receptor_269	Offsite Worker	372624	755352	61	75	14	50
Receptor_27	Recreational	366376	757692	35	53	18	55
Receptor_270	Offsite Worker	372527	755349	58	76	18	54
Receptor_271	Offsite Worker	372431	755353	57	79	22	59
Receptor_272	Offsite Worker	372334	755356	63	80	17	53
Receptor_273	Offsite Worker	372237	755359	64	83	19	56
Receptor_274	Offsite Worker	372141	755362	57	84	27	64
Receptor_275	Offsite Worker	372044	755366	61	85	24	60
Receptor_276	Offsite Worker	371948	755369	66	80	14	51
Receptor_277	Offsite Worker	371851	755372	68	78	10	47
Receptor_278	Offsite Worker	371755	755375	68	87	20	56
Receptor_279	Offsite Worker	371658	755378	67	88	21	58
Receptor_28	Residential	366338	757780	34	53	19	55
Receptor_280	Offsite Worker	371562	755382	66	85	19	56
Receptor_281	Offsite Worker	371465	755385	66	87	21	58
Receptor_282	Offsite Worker	371368	755388	64	88	24	61
Receptor_283	Offsite Worker	371272	755391	62	93	31	68
Receptor_284	Offsite Worker	371175	755395	62	93	31	68
Receptor_285	Offsite Worker	371079	755398	62	90	28	65
Receptor_286	Offsite Worker	371042	755478	68	95	27	63
Receptor_287	Offsite Worker	371009	755538	76	100	24	61
Receptor_288	Offsite Worker	370975	755597	84	107	23	60
Receptor_289	Offsite Worker	370925	755597	83	108	25	61
Receptor_29	Residential	366402	757746	35	54	20	56
Receptor_290	Offsite Worker	370860	755547	75	109	34	71
Receptor_291	Offsite Worker	370796	755497	72	108	36	72
Receptor_292	Offsite Worker	370733	755428	71	96	25	62
Receptor_293	Offsite Worker	370634	755428	78	106	28	65
Receptor_294	Offsite Worker	370536	755428	86	110	24	61
Receptor_295	Offsite Worker	370437	755428	91	121	30	67
Receptor_296	Offsite Worker	370338	755427	99	126	27	64
Receptor_297	Residential	370239	755427	102	128	26	62
Receptor_298	Residential	370138	755427	99	127	28	65
Receptor_299	Residential	370040	755427	94	138	44	81
Receptor_3	Recreational	367301	755573	43	65	22	59
Receptor_30	Residential	366467	757713	35	55	19	56
Receptor_300	Residential	369941	755426	101	139	38	74
Receptor_301	Residential	369842	755426	101	130	29	66
Receptor_302	School	369741	755435	98	124	27	63
Receptor_303	School	369643	755434	100	121	21	58
Receptor_304	Residential	369544	755434	88	117	29	66
Receptor_305	Residential	369445	755434	78	121	43	80

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						99th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	79	114	36	72
Receptor_307	Offsite Worker	369249	755442	70	105	35	72
Receptor_308	Offsite Worker	369151	755442	70	105	36	73
Receptor_309	Offsite Worker	369052	755442	67	103	36	73
Receptor_31	Residential	366531	757679	37	56	19	55
Receptor_310	Residential	368953	755441	64	99	36	72
Receptor_311	Residential	368854	755441	63	97	34	71
Receptor_312	Residential	368755	755441	61	96	35	72
Receptor_313	Residential	368657	755441	59	93	34	71
Receptor_314	Residential	368558	755440	57	90	34	70
Receptor_315	Residential	368459	755440	54	84	30	67
Receptor_316	Residential	368360	755440	54	82	29	65
Receptor_317	Residential	368262	755439	53	79	27	63
Receptor_318	Residential	368186	755427	50	76	26	63
Receptor_319	Residential	368111	755414	48	74	26	63
Receptor_32	Residential	366567	757773	37	56	20	56
Receptor_320	Offsite Worker	368035	755402	47	73	26	62
Receptor_321	Offsite Worker	367960	755389	46	71	25	61
Receptor_322	Offsite Worker	367863	755390	45	69	23	60
Receptor_323	Offsite Worker	367766	755392	42	68	26	62
Receptor_324	Offsite Worker	367669	755393	42	66	25	61
Receptor_325	Offsite Worker	367572	755394	41	64	23	59
Receptor_326	Offsite Worker	367475	755395	40	62	22	59
Receptor_327	On-Site Occupational	370400	756850	83	103	20	57
Receptor_33	Residential	366625	757758	37	58	21	57
Receptor_34	Residential	366682	757744	38	59	21	58
Receptor_35	Residential	366768	757788	40	59	20	56
Receptor_36	Residential	366854	757833	42	63	21	57
Receptor_37	Residential	366941	757877	43	67	24	61
Receptor_38	Residential	367027	757922	46	71	25	62
Receptor_39	Residential	367113	757966	48	75	27	64
Receptor_4	Recreational	367263	755661	41	67	26	63
Receptor_40	Residential	367192	757916	49	77	28	65
Receptor_41	Residential	367264	757916	50	80	29	66
Receptor_42	Residential	367335	757916	52	82	30	67
Receptor_43	Residential	367343	757966	52	84	32	69
Receptor_44	Residential	367404	757995	51	87	37	73
Receptor_45	Residential	367465	758024	49	91	42	79
Receptor_46	School	367504	757948	54	91	37	74
Receptor_47	School	367544	757873	57	92	35	72
Receptor_48	School	367587	757909	57	94	37	74
Receptor_49	School	367623	757866	59	96	37	73
Receptor_5	Recreational	367224	755749	40	71	31	67
Receptor_50	School	367694	757866	61	100	39	75
Receptor_51	School	367716	757927	57	104	47	83
Receptor_52	School	367737	757988	52	100	48	85

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	50	91	41	78
Receptor_54	School	367716	758146	48	84	35	72
Receptor_55	Residential	367673	758189	47	82	35	72
Receptor_56	School	367723	758254	45	79	34	70
Receptor_57	School	367784	758221	46	81	35	71
Receptor_58	School	367845	758189	48	83	36	72
Receptor_59	Residential	367816	758096	51	88	36	73
Receptor_6	Recreational	367186	755838	40	70	31	67
Receptor_60	Residential	367898	758066	53	91	38	74
Receptor_61	Residential	367980	758035	56	97	41	78
Receptor_62	Residential	368062	758005	58	101	43	79
Receptor_63	Residential	368144	757975	61	109	48	84
Receptor_64	Residential	368226	757945	64	114	50	86
Receptor_65	Residential	368301	757943	63	118	55	91
Receptor_66	Residential	368376	757941	65	124	59	96
Receptor_67	Residential	368452	757940	67	138	71	107
Receptor_68	Residential	368527	757938	71	134	62	99
Receptor_69	Residential	368563	757880	76	147	71	107
Receptor_7	Recreational	367147	755926	39	66	27	64
Receptor_70	Residential	368636	757926	78	134	56	92
Receptor_71	Residential	368709	757971	81	136	55	92
Receptor_72	Residential	368782	758017	85	124	39	76
Receptor_73	Residential	368855	758062	81	113	32	69
Receptor_74	Residential	368928	758108	71	108	37	73
Receptor_75	Residential	369001	758153	68	105	37	73
Receptor_76	Residential	369058	758074	72	115	43	80
Receptor_77	Residential	369102	758103	71	116	45	81
Receptor_78	Residential	369145	758132	73	116	43	80
Receptor_79	Residential	369200	758065	80	123	42	79
Receptor_8	Recreational	367109	756014	40	71	30	67
Receptor_80	Residential	369255	757998	88	134	46	83
Receptor_81	Residential	369310	757931	97	144	47	83
Receptor_82	Residential	369356	757981	94	140	46	83
Receptor_83	Residential	369403	758031	91	130	39	76
Receptor_84	Recreational	369336	758100	85	128	43	80
Receptor_85	Recreational	369269	758170	81	116	35	72
Receptor_86	Recreational	369202	758239	74	109	35	72
Receptor_87	Recreational	369264	758285	75	108	33	70
Receptor_88	Recreational	369326	758330	70	105	35	72
Receptor_89	Recreational	369389	758376	71	102	32	68
Receptor_9	Recreational	367070	756103	42	76	34	71
Receptor_90	Recreational	369389	758462	67	97	30	67
Receptor_91	Recreational	369389	758548	64	93	29	66
Receptor_92	Residential	369389	758634	60	88	28	65
Receptor_93	Residential	369469	758630	59	87	28	65
Receptor_94	Residential	369549	758625	58	81	24	60

Table 24							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						99th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	57	82	25	62
Receptor_96	Residential	369710	758617	55	80	25	62
Receptor_97	Residential	369791	758613	60	79	18	55
Receptor_98	Residential	369791	758514	65	82	18	55
Receptor_99	Residential	369791	758416	69	88	19	56

Table 25											
LAX SPAS										IFRW Flight Rule	
Operational Concentrations										SO ₂ , 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)										99th Percentile	
Peak Values of Average Concentrations				Peak Project Concentrations				Total Concentration (NAAQS)			
Type	1-Hour SO ₂	Location		Type	1-Hour SO ₂	Location		Type	1-Hour SO ₂	Location	
	(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	102	370239	755427	Residential	71	368563	757880	Residential	107	368563	757880
School	100	369643	755434	School	48	367737	757988	School	85	367737	757988
Offsite Worker	185	372622	756509	Offsite Worker	104	371005	757357	Offsite Worker	140	371005	757357
Recreational	85	369336	758100	Recreational	43	369336	758100	Recreational	80	369336	758100
On-Site Occupational	83	370400	756850	On-Site Occupational	20	370400	756850	On-Site Occupational	57	370400	756850
Staff-Recommended Alternative											
Residential	147	368563	757880								
School	124	369741	755435								
Offsite Worker	274	372622	756509								
Recreational	128	369336	758100								
On-Site Occupational	103	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
99th percentile (high 8th high in AERMOD) only applicable to NAAQS.											

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	27	37	10	21
Receptor_10	Recreational	367032	756191	25	43	18	28
Receptor_100	Residential	369791	758318	62	69	8	18
Receptor_101	Residential	369881	758318	61	63	2	13
Receptor_102	Residential	369972	758318	58	63	5	15
Receptor_103	Residential	370062	758318	56	64	8	19
Receptor_104	Residential	370153	758318	55	64	9	19
Receptor_105	Residential	370243	758318	57	63	6	17
Receptor_106	School	370247	758254	59	66	6	17
Receptor_107	School	370250	758189	62	70	8	18
Receptor_108	School	370308	758196	64	70	6	17
Receptor_109	School	370361	758236	63	68	5	16
Receptor_11	Recreational	366993	756279	25	42	17	27
Receptor_110	School	370415	758275	60	67	6	17
Receptor_111	Residential	370408	758347	57	63	6	16
Receptor_112	Residential	370490	758344	54	64	10	20
Receptor_113	Residential	370572	758341	53	64	12	22
Receptor_114	Residential	370654	758338	49	65	16	26
Receptor_115	Residential	370735	758335	52	66	14	24
Receptor_116	Residential	370817	758333	51	66	14	25
Receptor_117	Offsite Worker	370814	758243	55	69	15	25
Receptor_118	Offsite Worker	370810	758153	57	73	16	26
Receptor_119	Offsite Worker	370807	758063	59	78	19	29
Receptor_12	Recreational	366954	756367	25	42	17	27
Receptor_120	Offsite Worker	370803	757974	65	83	19	29
Receptor_121	Offsite Worker	370835	757927	71	89	18	29
Receptor_122	Offsite Worker	370868	757880	73	97	24	35
Receptor_123	Offsite Worker	370921	757884	70	99	29	39
Receptor_124	Offsite Worker	370975	757887	69	102	33	44
Receptor_125	Offsite Worker	370975	757794	71	116	45	56
Receptor_126	Offsite Worker	371026	757794	65	115	50	61
Receptor_127	Offsite Worker	371076	757877	64	99	35	46
Receptor_128	Offsite Worker	371126	757959	60	89	29	39
Receptor_129	Offsite Worker	371119	758031	56	80	24	34
Receptor_13	Recreational	366916	756456	26	44	18	28
Receptor_130	Residential	371183	758027	55	83	27	38
Receptor_131	Residential	371248	758024	54	84	31	41
Receptor_132	Residential	371326	758075	50	80	30	40
Receptor_133	Residential	371404	758127	47	75	28	39
Receptor_134	Residential	371481	758178	44	71	27	37
Receptor_135	Residential	371559	758230	42	67	26	36
Receptor_136	Residential	371637	758281	39	64	24	35
Receptor_137	Residential	371715	758333	37	60	23	34
Receptor_138	Residential	371769	758261	37	56	20	30
Receptor_139	Residential	371822	758189	34	62	28	39

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	26	44	19	29
Receptor_140	Residential	371894	758160	31	65	34	45
Receptor_141	Residential	371894	758081	33	70	36	47
Receptor_142	Residential	371959	758074	33	67	35	45
Receptor_143	Offsite Worker	371953	757977	34	66	32	42
Receptor_144	Offsite Worker	371948	757880	33	59	25	36
Receptor_145	Offsite Worker	371943	757783	32	55	23	33
Receptor_146	Offsite Worker	372016	757794	31	52	21	31
Receptor_147	Offsite Worker	372102	757791	31	50	19	29
Receptor_148	Offsite Worker	372178	757760	31	48	17	28
Receptor_149	Offsite Worker	372177	757670	30	45	15	25
Receptor_15	Recreational	366839	756632	25	44	19	29
Receptor_150	Offsite Worker	372176	757579	31	45	14	25
Receptor_151	Offsite Worker	372174	757489	34	50	16	27
Receptor_152	Offsite Worker	372173	757398	36	50	14	25
Receptor_153	Offsite Worker	372171	757308	38	48	10	21
Receptor_154	Offsite Worker	372055	757309	39	52	13	23
Receptor_155	Residential	372055	757363	37	52	14	25
Receptor_156	Offsite Worker	372055	757416	36	53	18	28
Receptor_157	Offsite Worker	371952	757442	36	56	20	30
Receptor_158	Offsite Worker	371950	757345	38	53	15	26
Receptor_159	Offsite Worker	371864	757344	39	56	17	28
Receptor_16	Recreational	366800	756720	23	42	18	29
Receptor_160	Offsite Worker	371790	757347	41	60	19	29
Receptor_161	Offsite Worker	371708	757356	42	63	21	31
Receptor_162	Offsite Worker	371615	757356	43	68	25	35
Receptor_163	Offsite Worker	371523	757356	43	73	30	40
Receptor_164	Offsite Worker	371430	757356	46	80	33	44
Receptor_165	Offsite Worker	371338	757356	49	86	36	47
Receptor_166	Offsite Worker	371245	757356	53	92	39	49
Receptor_167	Offsite Worker	371153	757356	58	101	43	53
Receptor_168	Offsite Worker	371061	757356	64	110	46	56
Receptor_169	Offsite Worker	371005	757357	69	120	51	61
Receptor_17	Recreational	366762	756809	22	40	18	29
Receptor_170	Offsite Worker	370998	757293	66	107	41	51
Receptor_171	Offsite Worker	370998	757194	60	93	32	43
Receptor_172	Offsite Worker	370998	757096	56	81	25	35
Receptor_173	Offsite Worker	370998	756998	57	75	18	29
Receptor_174	Offsite Worker	371057	756997	57	74	17	28
Receptor_175	Offsite Worker	371153	756997	56	73	17	27
Receptor_176	Offsite Worker	371249	756997	54	72	17	28
Receptor_177	Offsite Worker	371345	756997	56	70	14	25
Receptor_178	Offsite Worker	371440	756997	56	68	12	22
Receptor_179	Offsite Worker	371536	756997	54	65	11	22
Receptor_18	Recreational	366723	756897	22	37	15	25

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	51	64	13	23
Receptor_181	Offsite Worker	371728	756997	48	61	13	24
Receptor_182	Offsite Worker	371824	756997	46	61	15	26
Receptor_183	Offsite Worker	371920	756997	44	61	17	27
Receptor_184	Offsite Worker	372016	756997	42	61	18	29
Receptor_185	Offsite Worker	372111	756997	43	61	18	29
Receptor_186	Offsite Worker	372207	756997	44	64	20	30
Receptor_187	Offsite Worker	372303	756997	45	67	22	33
Receptor_188	Offsite Worker	372399	756997	47	68	21	31
Receptor_189	Offsite Worker	372495	756997	51	69	18	28
Receptor_19	Recreational	366685	756985	22	37	15	25
Receptor_190	Offsite Worker	372591	756997	55	68	13	24
Receptor_191	Offsite Worker	372610	757063	51	62	11	21
Receptor_192	Offsite Worker	372612	757132	47	57	9	20
Receptor_193	Offsite Worker	372614	757201	44	53	10	20
Receptor_194	Offsite Worker	372616	757270	41	51	10	20
Receptor_195	Offsite Worker	372627	757351	38	48	9	20
Receptor_196	Offsite Worker	372651	757422	37	45	8	19
Receptor_197	Offsite Worker	372676	757494	36	43	7	17
Receptor_198	Offsite Worker	372704	757569	35	40	6	16
Receptor_199	Offsite Worker	372733	757645	33	39	5	15
Receptor_2	Recreational	367340	755485	26	37	11	21
Receptor_20	Recreational	366646	757074	22	38	16	26
Receptor_200	Offsite Worker	372746	757702	33	38	5	15
Receptor_201	Offsite Worker	372746	757768	32	36	5	15
Receptor_202	Offsite Worker	372807	757781	32	37	5	15
Receptor_203	Offsite Worker	372901	757782	32	37	4	15
Receptor_204	Offsite Worker	372994	757783	30	37	6	17
Receptor_205	Offsite Worker	373087	757783	27	37	10	20
Receptor_206	Offsite Worker	373180	757784	27	36	10	20
Receptor_207	Offsite Worker	373274	757785	26	35	8	19
Receptor_208	Offsite Worker	373367	757786	26	34	7	18
Receptor_209	Offsite Worker	373418	757742	27	36	9	19
Receptor_21	Recreational	366607	757162	20	37	17	27
Receptor_210	Offsite Worker	373418	757653	28	40	11	22
Receptor_211	Offsite Worker	373419	757564	30	43	13	24
Receptor_212	Offsite Worker	373419	757475	32	48	15	26
Receptor_213	Offsite Worker	373420	757386	35	53	18	28
Receptor_214	Offsite Worker	373420	757297	38	57	19	29
Receptor_215	Offsite Worker	373421	757207	42	58	17	27
Receptor_216	Offsite Worker	373421	757118	44	55	11	21
Receptor_217	Offsite Worker	373292	757117	46	66	21	31
Receptor_218	Offsite Worker	373213	757118	45	69	24	34
Receptor_219	Offsite Worker	373158	757066	48	74	26	36
Receptor_22	Recreational	366569	757250	20	35	15	26

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	50	77	27	38
Receptor_221	Offsite Worker	373009	757011	50	77	27	38
Receptor_222	Offsite Worker	372922	757009	48	74	26	36
Receptor_223	Offsite Worker	372835	757007	47	70	23	33
Receptor_224	Offsite Worker	372747	757006	49	71	22	33
Receptor_225	Offsite Worker	372660	757004	56	69	13	23
Receptor_226	Offsite Worker	372651	757063	52	63	11	21
Receptor_227	Offsite Worker	372629	756931	62	76	14	24
Receptor_228	Offsite Worker	372631	756857	68	85	17	27
Receptor_229	Offsite Worker	372634	756783	73	98	25	36
Receptor_23	Recreational	366530	757338	20	33	12	23
Receptor_230	Offsite Worker	372702	756778	67	103	37	47
Receptor_231	Offsite Worker	372756	756775	68	108	40	51
Receptor_232	Offsite Worker	372729	756712	77	124	47	58
Receptor_233	Offsite Worker	372703	756650	89	145	56	66
Receptor_234	Offsite Worker	372677	756588	103	171	68	78
Receptor_235	Offsite Worker	372619	756588	100	162	63	73
Receptor_236	Offsite Worker	372622	756509	125	218	92	103
Receptor_237	Offsite Worker	372700	756511	118	160	42	52
Receptor_238	Offsite Worker	372789	756510	115	131	16	26
Receptor_239	Offsite Worker	372871	756509	107	119	13	23
Receptor_24	Recreational	366492	757427	21	32	12	22
Receptor_240	Offsite Worker	372871	756437	105	150	46	56
Receptor_241	Offsite Worker	372970	756437	86	133	46	57
Receptor_242	Offsite Worker	373069	756437	73	118	44	55
Receptor_243	Offsite Worker	373168	756437	68	105	38	48
Receptor_244	Offsite Worker	373267	756437	63	95	32	43
Receptor_245	Offsite Worker	373412	756437	57	83	26	37
Receptor_246	Offsite Worker	373409	756339	64	73	9	19
Receptor_247	Offsite Worker	373406	756240	63	75	12	23
Receptor_248	Offsite Worker	373403	756142	55	77	22	33
Receptor_249	Offsite Worker	373400	756042	52	76	25	35
Receptor_25	Recreational	366453	757515	21	32	11	21
Receptor_250	Offsite Worker	373397	755944	45	72	27	37
Receptor_251	Offsite Worker	373393	755846	39	65	26	36
Receptor_252	Offsite Worker	373390	755747	36	55	19	30
Receptor_253	Offsite Worker	373309	755744	38	56	18	29
Receptor_254	Offsite Worker	373229	755743	39	57	17	28
Receptor_255	Offsite Worker	373143	755741	41	58	17	28
Receptor_256	Offsite Worker	373143	755823	43	66	23	33
Receptor_257	Offsite Worker	373143	755906	46	76	30	40
Receptor_258	Offsite Worker	373065	755906	47	77	30	40
Receptor_259	Offsite Worker	373065	755827	45	68	24	34
Receptor_26	Recreational	366415	757603	21	32	11	21
Receptor_260	Offsite Worker	373068	755733	41	59	18	28

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	42	61	19	30
Receptor_262	Offsite Worker	372941	755733	43	64	21	32
Receptor_263	Offsite Worker	372941	755636	41	55	14	24
Receptor_264	Offsite Worker	372941	755539	38	47	8	19
Receptor_265	Offsite Worker	372941	755442	35	40	5	15
Receptor_266	Offsite Worker	372913	755342	32	35	3	14
Receptor_267	Offsite Worker	372817	755346	32	36	4	14
Receptor_268	Offsite Worker	372720	755349	32	36	4	14
Receptor_269	Offsite Worker	372624	755352	35	37	3	13
Receptor_27	Recreational	366376	757692	21	32	11	21
Receptor_270	Offsite Worker	372527	755349	35	39	4	15
Receptor_271	Offsite Worker	372431	755353	38	39	2	12
Receptor_272	Offsite Worker	372334	755356	44	44	0	11
Receptor_273	Offsite Worker	372237	755359	42	47	5	15
Receptor_274	Offsite Worker	372141	755362	40	48	8	18
Receptor_275	Offsite Worker	372044	755366	42	48	5	16
Receptor_276	Offsite Worker	371948	755369	48	47	-1	10
Receptor_277	Offsite Worker	371851	755372	53	50	-3	8
Receptor_278	Offsite Worker	371755	755375	54	51	-3	7
Receptor_279	Offsite Worker	371658	755378	54	52	-2	9
Receptor_28	Residential	366338	757780	21	32	11	22
Receptor_280	Offsite Worker	371562	755382	53	52	-1	9
Receptor_281	Offsite Worker	371465	755385	52	50	-2	9
Receptor_282	Offsite Worker	371368	755388	51	53	2	13
Receptor_283	Offsite Worker	371272	755391	52	54	2	13
Receptor_284	Offsite Worker	371175	755395	55	55	0	11
Receptor_285	Offsite Worker	371079	755398	60	57	-4	7
Receptor_286	Offsite Worker	371042	755478	65	59	-6	5
Receptor_287	Offsite Worker	371009	755538	69	67	-2	9
Receptor_288	Offsite Worker	370975	755597	73	77	4	14
Receptor_289	Offsite Worker	370925	755597	75	79	5	15
Receptor_29	Residential	366402	757746	21	33	12	22
Receptor_290	Offsite Worker	370860	755547	74	77	3	13
Receptor_291	Offsite Worker	370796	755497	74	72	-2	9
Receptor_292	Offsite Worker	370733	755428	76	65	-11	-1
Receptor_293	Offsite Worker	370634	755428	82	71	-11	-1
Receptor_294	Offsite Worker	370536	755428	85	77	-8	3
Receptor_295	Offsite Worker	370437	755428	85	83	-2	8
Receptor_296	Offsite Worker	370338	755427	82	91	9	19
Receptor_297	Residential	370239	755427	73	95	22	32
Receptor_298	Residential	370138	755427	67	97	30	41
Receptor_299	Residential	370040	755427	69	97	28	39
Receptor_3	Recreational	367301	755573	27	39	12	23
Receptor_30	Residential	366467	757713	22	34	12	23
Receptor_300	Residential	369941	755426	72	97	25	36

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	72	93	21	31
Receptor_302	School	369741	755435	68	91	23	33
Receptor_303	School	369643	755434	71	100	29	40
Receptor_304	Residential	369544	755434	75	105	30	40
Receptor_305	Residential	369445	755434	75	103	27	38
Receptor_306	Residential	369346	755434	72	98	26	37
Receptor_307	Offsite Worker	369249	755442	67	95	27	38
Receptor_308	Offsite Worker	369151	755442	61	90	28	39
Receptor_309	Offsite Worker	369052	755442	56	83	28	38
Receptor_31	Residential	366531	757679	22	35	13	24
Receptor_310	Residential	368953	755441	55	78	22	33
Receptor_311	Residential	368854	755441	54	73	19	29
Receptor_312	Residential	368755	755441	51	68	16	27
Receptor_313	Residential	368657	755441	49	63	14	25
Receptor_314	Residential	368558	755440	46	61	14	25
Receptor_315	Residential	368459	755440	43	58	15	26
Receptor_316	Residential	368360	755440	40	57	17	28
Receptor_317	Residential	368262	755439	37	56	20	30
Receptor_318	Residential	368186	755427	36	55	19	29
Receptor_319	Residential	368111	755414	35	53	18	28
Receptor_32	Residential	366567	757773	22	37	14	25
Receptor_320	Offsite Worker	368035	755402	34	51	17	28
Receptor_321	Offsite Worker	367960	755389	33	49	16	27
Receptor_322	Offsite Worker	367863	755390	32	47	14	25
Receptor_323	Offsite Worker	367766	755392	32	44	12	23
Receptor_324	Offsite Worker	367669	755393	30	42	11	22
Receptor_325	Offsite Worker	367572	755394	29	40	11	21
Receptor_326	Offsite Worker	367475	755395	28	38	10	21
Receptor_327	On-Site Occupational	370400	756850	57	80	23	34
Receptor_33	Residential	366625	757758	23	38	15	25
Receptor_34	Residential	366682	757744	23	39	16	26
Receptor_35	Residential	366768	757788	24	41	17	27
Receptor_36	Residential	366854	757833	25	43	18	29
Receptor_37	Residential	366941	757877	27	46	19	30
Receptor_38	Residential	367027	757922	28	48	21	31
Receptor_39	Residential	367113	757966	29	50	22	32
Receptor_4	Recreational	367263	755661	27	41	14	24
Receptor_40	Residential	367192	757916	30	52	22	33
Receptor_41	Residential	367264	757916	31	54	23	33
Receptor_42	Residential	367335	757916	32	55	24	34
Receptor_43	Residential	367343	757966	31	56	25	35
Receptor_44	Residential	367404	757995	32	57	25	35
Receptor_45	Residential	367465	758024	32	58	25	36
Receptor_46	School	367504	757948	33	60	27	37
Receptor_47	School	367544	757873	35	62	27	37

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	34	63	28	39
Receptor_49	School	367623	757866	36	64	28	39
Receptor_5	Recreational	367224	755749	27	41	14	25
Receptor_50	School	367694	757866	37	67	30	41
Receptor_51	School	367716	757927	37	66	29	40
Receptor_52	School	367737	757988	37	65	28	38
Receptor_53	School	367727	758067	36	62	26	36
Receptor_54	School	367716	758146	34	57	23	33
Receptor_55	Residential	367673	758189	33	54	22	32
Receptor_56	School	367723	758254	31	49	19	29
Receptor_57	School	367784	758221	32	51	19	30
Receptor_58	School	367845	758189	33	53	20	30
Receptor_59	Residential	367816	758096	36	60	24	35
Receptor_6	Recreational	367186	755838	26	41	14	25
Receptor_60	Residential	367898	758066	38	63	25	35
Receptor_61	Residential	367980	758035	40	65	25	36
Receptor_62	Residential	368062	758005	41	67	26	36
Receptor_63	Residential	368144	757975	43	70	26	37
Receptor_64	Residential	368226	757945	45	72	27	37
Receptor_65	Residential	368301	757943	45	73	28	38
Receptor_66	Residential	368376	757941	45	79	34	45
Receptor_67	Residential	368452	757940	47	82	36	46
Receptor_68	Residential	368527	757938	51	83	32	43
Receptor_69	Residential	368563	757880	52	88	36	46
Receptor_7	Recreational	367147	755926	25	42	17	27
Receptor_70	Residential	368636	757926	57	85	28	38
Receptor_71	Residential	368709	757971	57	81	25	35
Receptor_72	Residential	368782	758017	53	77	24	34
Receptor_73	Residential	368855	758062	55	72	16	27
Receptor_74	Residential	368928	758108	54	72	18	29
Receptor_75	Residential	369001	758153	51	72	21	32
Receptor_76	Residential	369058	758074	54	79	24	35
Receptor_77	Residential	369102	758103	51	77	25	36
Receptor_78	Residential	369145	758132	48	77	29	39
Receptor_79	Residential	369200	758065	50	83	33	43
Receptor_8	Recreational	367109	756014	25	42	17	27
Receptor_80	Residential	369255	757998	55	89	33	44
Receptor_81	Residential	369310	757931	62	94	32	43
Receptor_82	Residential	369356	757981	63	89	27	37
Receptor_83	Residential	369403	758031	63	89	26	36
Receptor_84	Recreational	369336	758100	57	82	26	36
Receptor_85	Recreational	369269	758170	51	79	28	38
Receptor_86	Recreational	369202	758239	46	74	29	39
Receptor_87	Recreational	369264	758285	47	73	26	36
Receptor_88	Recreational	369326	758330	49	70	21	32

Table 26							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO₂, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	49	67	17	28
Receptor_9	Recreational	367070	756103	25	43	18	28
Receptor_90	Recreational	369389	758462	47	63	16	27
Receptor_91	Recreational	369389	758548	45	60	15	26
Receptor_92	Residential	369389	758634	43	57	14	25
Receptor_93	Residential	369469	758630	44	63	19	29
Receptor_94	Residential	369549	758625	43	66	23	33
Receptor_95	Residential	369630	758621	43	66	23	33
Receptor_96	Residential	369710	758617	48	64	16	26
Receptor_97	Residential	369791	758613	51	60	9	20
Receptor_98	Residential	369791	758514	54	63	9	19
Receptor_99	Residential	369791	758416	58	66	8	19

Table 27											IFRW Flight Rule								
LAX SPAS											SO ₂ , 3-Hour Averaging Time								
Operational Concentrations																			
11/14/2012											Staff-Recommended Alternative (SRA)								
Peak Values of Average Concentrations											Peak Project Concentrations			Total Concentration (NAAQS)					
											3-Hour SO ₂			3-Hour SO ₂			3-Hour SO ₂		
											Location			Location			Location		
Type											(µg/m ³)			(µg/m ³)			(µg/m ³)		
Type											X (m)			X (m)			X (m)		
Type											Y (m)			Y (m)			Y (m)		
Baseline											Staff-Recommended Alternative			Staff-Recommended Alternative					
Residential		75	369445	755434		Residential		36	371894	758081		Residential		47	371894	758081			
School		71	369643	755434		School		30	367694	757866		School		41	367694	757866			
Offsite Worker		125	372622	756509		Offsite Worker		92	372622	756509		Offsite Worker		103	372622	756509			
Recreational		57	369336	758100		Recreational		29	369202	758239		Recreational		39	369202	758239			
On-Site Occupational		57	370400	756850		On-Site Occupational		23	370400	756850		On-Site Occupational		34	370400	756850			
Staff-Recommended Alternative																			
Residential		105	369544	755434															
School		100	369643	755434															
Offsite Worker		218	372622	756509															
Recreational		82	369336	758100															
On-Site Occupational		80	370400	756850															
Notes:																			
Average concentration is modeled output from AERMOD, version 12060.																			
Project concentration is difference between given alternative and baseline (project increment).																			
Total concentration is project concentration plus monitored background concentration.																			
3-hour SO ₂ standard only applicable to NAAQS secondary standard.																			

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	7	12	5	21
Receptor_10	Recreational	367032	756191	8	13	5	20
Receptor_100	Residential	369791	758318	10	16	6	21
Receptor_101	Residential	369881	758318	11	17	6	21
Receptor_102	Residential	369972	758318	11	17	6	21
Receptor_103	Residential	370062	758318	12	18	5	21
Receptor_104	Residential	370153	758318	13	18	5	21
Receptor_105	Residential	370243	758318	13	18	5	21
Receptor_106	School	370247	758254	14	19	5	21
Receptor_107	School	370250	758189	15	20	5	21
Receptor_108	School	370308	758196	15	20	5	20
Receptor_109	School	370361	758236	14	19	5	21
Receptor_11	Recreational	366993	756279	8	13	5	20
Receptor_110	School	370415	758275	13	18	5	21
Receptor_111	Residential	370408	758347	12	18	5	21
Receptor_112	Residential	370490	758344	12	18	5	21
Receptor_113	Residential	370572	758341	12	17	6	21
Receptor_114	Residential	370654	758338	11	17	6	22
Receptor_115	Residential	370735	758335	11	16	6	21
Receptor_116	Residential	370817	758333	10	15	6	21
Receptor_117	Offsite Worker	370814	758243	11	17	6	22
Receptor_118	Offsite Worker	370810	758153	12	18	6	22
Receptor_119	Offsite Worker	370807	758063	13	20	6	22
Receptor_12	Recreational	366954	756367	8	13	5	20
Receptor_120	Offsite Worker	370803	757974	16	22	7	22
Receptor_121	Offsite Worker	370835	757927	18	24	6	22
Receptor_122	Offsite Worker	370868	757880	19	26	7	22
Receptor_123	Offsite Worker	370921	757884	18	26	7	23
Receptor_124	Offsite Worker	370975	757887	17	25	8	24
Receptor_125	Offsite Worker	370975	757794	18	32	14	30
Receptor_126	Offsite Worker	371026	757794	17	34	16	32
Receptor_127	Offsite Worker	371076	757877	16	28	12	28
Receptor_128	Offsite Worker	371126	757959	14	24	10	25
Receptor_129	Offsite Worker	371119	758031	14	21	8	23
Receptor_13	Recreational	366916	756456	8	12	5	20
Receptor_130	Residential	371183	758027	13	22	9	24
Receptor_131	Residential	371248	758024	12	22	10	26
Receptor_132	Residential	371326	758075	11	21	9	25
Receptor_133	Residential	371404	758127	10	19	9	25
Receptor_134	Residential	371481	758178	10	18	8	24
Receptor_135	Residential	371559	758230	9	17	8	23
Receptor_136	Residential	371637	758281	8	16	7	23
Receptor_137	Residential	371715	758333	8	15	7	22
Receptor_138	Residential	371769	758261	8	15	7	23
Receptor_139	Residential	371822	758189	9	16	8	23

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	7	12	4	20
Receptor_140	Residential	371894	758160	9	17	8	24
Receptor_141	Residential	371894	758081	9	18	9	25
Receptor_142	Residential	371959	758074	9	17	9	24
Receptor_143	Offsite Worker	371953	757977	9	17	8	24
Receptor_144	Offsite Worker	371948	757880	10	17	7	23
Receptor_145	Offsite Worker	371943	757783	10	16	5	21
Receptor_146	Offsite Worker	372016	757794	10	15	5	20
Receptor_147	Offsite Worker	372102	757791	10	14	4	20
Receptor_148	Offsite Worker	372178	757760	10	13	3	19
Receptor_149	Offsite Worker	372177	757670	10	12	3	19
Receptor_15	Recreational	366839	756632	7	11	4	20
Receptor_150	Offsite Worker	372176	757579	9	13	3	19
Receptor_151	Offsite Worker	372174	757489	9	13	4	20
Receptor_152	Offsite Worker	372173	757398	9	14	5	21
Receptor_153	Offsite Worker	372171	757308	9	14	5	21
Receptor_154	Offsite Worker	372055	757309	9	15	6	21
Receptor_155	Residential	372055	757363	9	15	5	21
Receptor_156	Offsite Worker	372055	757416	9	14	5	21
Receptor_157	Offsite Worker	371952	757442	10	15	5	21
Receptor_158	Offsite Worker	371950	757345	10	16	6	22
Receptor_159	Offsite Worker	371864	757344	10	16	6	22
Receptor_16	Recreational	366800	756720	7	11	4	20
Receptor_160	Offsite Worker	371790	757347	10	17	7	22
Receptor_161	Offsite Worker	371708	757356	11	18	7	23
Receptor_162	Offsite Worker	371615	757356	11	19	8	23
Receptor_163	Offsite Worker	371523	757356	12	20	8	24
Receptor_164	Offsite Worker	371430	757356	12	21	9	25
Receptor_165	Offsite Worker	371338	757356	12	22	10	26
Receptor_166	Offsite Worker	371245	757356	12	23	11	27
Receptor_167	Offsite Worker	371153	757356	13	25	12	28
Receptor_168	Offsite Worker	371061	757356	14	27	12	28
Receptor_169	Offsite Worker	371005	757357	15	28	13	29
Receptor_17	Recreational	366762	756809	7	10	4	19
Receptor_170	Offsite Worker	370998	757293	15	26	11	27
Receptor_171	Offsite Worker	370998	757194	14	23	8	24
Receptor_172	Offsite Worker	370998	757096	15	21	6	22
Receptor_173	Offsite Worker	370998	756998	16	22	6	21
Receptor_174	Offsite Worker	371057	756997	16	22	6	21
Receptor_175	Offsite Worker	371153	756997	15	21	6	21
Receptor_176	Offsite Worker	371249	756997	14	20	6	21
Receptor_177	Offsite Worker	371345	756997	14	19	5	21
Receptor_178	Offsite Worker	371440	756997	13	19	6	21
Receptor_179	Offsite Worker	371536	756997	13	18	6	22
Receptor_18	Recreational	366723	756897	7	10	3	19

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	12	18	6	21
Receptor_181	Offsite Worker	371728	756997	12	18	6	21
Receptor_182	Offsite Worker	371824	756997	12	17	5	21
Receptor_183	Offsite Worker	371920	756997	12	17	5	21
Receptor_184	Offsite Worker	372016	756997	11	17	6	21
Receptor_185	Offsite Worker	372111	756997	11	18	6	22
Receptor_186	Offsite Worker	372207	756997	11	17	6	21
Receptor_187	Offsite Worker	372303	756997	11	17	6	21
Receptor_188	Offsite Worker	372399	756997	12	17	5	21
Receptor_189	Offsite Worker	372495	756997	12	17	5	21
Receptor_19	Recreational	366685	756985	7	10	4	19
Receptor_190	Offsite Worker	372591	756997	12	18	5	21
Receptor_191	Offsite Worker	372610	757063	11	16	5	21
Receptor_192	Offsite Worker	372612	757132	10	15	5	21
Receptor_193	Offsite Worker	372614	757201	10	15	5	21
Receptor_194	Offsite Worker	372616	757270	9	14	5	20
Receptor_195	Offsite Worker	372627	757351	9	13	5	20
Receptor_196	Offsite Worker	372651	757422	8	13	5	20
Receptor_197	Offsite Worker	372676	757494	8	12	4	20
Receptor_198	Offsite Worker	372704	757569	8	12	4	20
Receptor_199	Offsite Worker	372733	757645	8	11	4	19
Receptor_2	Recreational	367340	755485	7	12	5	21
Receptor_20	Recreational	366646	757074	6	10	4	19
Receptor_200	Offsite Worker	372746	757702	8	11	3	19
Receptor_201	Offsite Worker	372746	757768	8	11	3	19
Receptor_202	Offsite Worker	372807	757781	8	11	3	19
Receptor_203	Offsite Worker	372901	757782	8	11	3	19
Receptor_204	Offsite Worker	372994	757783	7	11	3	19
Receptor_205	Offsite Worker	373087	757783	7	11	3	19
Receptor_206	Offsite Worker	373180	757784	7	10	3	19
Receptor_207	Offsite Worker	373274	757785	7	10	3	19
Receptor_208	Offsite Worker	373367	757786	7	10	3	18
Receptor_209	Offsite Worker	373418	757742	7	10	3	18
Receptor_21	Recreational	366607	757162	6	10	4	20
Receptor_210	Offsite Worker	373418	757653	8	10	3	18
Receptor_211	Offsite Worker	373419	757564	8	11	2	18
Receptor_212	Offsite Worker	373419	757475	9	11	2	18
Receptor_213	Offsite Worker	373420	757386	9	12	3	19
Receptor_214	Offsite Worker	373420	757297	10	13	4	19
Receptor_215	Offsite Worker	373421	757207	10	14	4	20
Receptor_216	Offsite Worker	373421	757118	10	14	4	20
Receptor_217	Offsite Worker	373292	757117	11	16	5	21
Receptor_218	Offsite Worker	373213	757118	11	16	5	20
Receptor_219	Offsite Worker	373158	757066	12	17	5	21
Receptor_22	Recreational	366569	757250	6	10	4	20

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	13	18	5	21
Receptor_221	Offsite Worker	373009	757011	13	18	5	20
Receptor_222	Offsite Worker	372922	757009	13	17	4	20
Receptor_223	Offsite Worker	372835	757007	13	18	5	20
Receptor_224	Offsite Worker	372747	757006	13	18	5	21
Receptor_225	Offsite Worker	372660	757004	12	18	5	21
Receptor_226	Offsite Worker	372651	757063	11	16	5	21
Receptor_227	Offsite Worker	372629	756931	14	20	6	22
Receptor_228	Offsite Worker	372631	756857	15	22	7	23
Receptor_229	Offsite Worker	372634	756783	18	25	8	23
Receptor_23	Recreational	366530	757338	6	10	4	20
Receptor_230	Offsite Worker	372702	756778	18	25	7	23
Receptor_231	Offsite Worker	372756	756775	19	25	6	22
Receptor_232	Offsite Worker	372729	756712	21	29	8	24
Receptor_233	Offsite Worker	372703	756650	24	34	10	26
Receptor_234	Offsite Worker	372677	756588	27	40	13	29
Receptor_235	Offsite Worker	372619	756588	28	40	12	28
Receptor_236	Offsite Worker	372622	756509	33	52	19	35
Receptor_237	Offsite Worker	372700	756511	27	44	17	33
Receptor_238	Offsite Worker	372789	756510	20	36	16	31
Receptor_239	Offsite Worker	372871	756509	18	29	11	27
Receptor_24	Recreational	366492	757427	5	9	4	20
Receptor_240	Offsite Worker	372871	756437	21	34	13	29
Receptor_241	Offsite Worker	372970	756437	18	30	12	27
Receptor_242	Offsite Worker	373069	756437	16	26	10	26
Receptor_243	Offsite Worker	373168	756437	14	24	9	25
Receptor_244	Offsite Worker	373267	756437	13	22	8	24
Receptor_245	Offsite Worker	373412	756437	12	19	7	23
Receptor_246	Offsite Worker	373409	756339	13	17	4	20
Receptor_247	Offsite Worker	373406	756240	13	15	2	18
Receptor_248	Offsite Worker	373403	756142	11	14	3	19
Receptor_249	Offsite Worker	373400	756042	9	15	6	22
Receptor_25	Recreational	366453	757515	5	8	4	19
Receptor_250	Offsite Worker	373397	755944	8	15	7	23
Receptor_251	Offsite Worker	373393	755846	8	15	7	23
Receptor_252	Offsite Worker	373390	755747	7	14	6	22
Receptor_253	Offsite Worker	373309	755744	7	14	7	22
Receptor_254	Offsite Worker	373229	755743	7	14	7	22
Receptor_255	Offsite Worker	373143	755741	7	14	7	23
Receptor_256	Offsite Worker	373143	755823	8	15	7	23
Receptor_257	Offsite Worker	373143	755906	9	17	8	24
Receptor_258	Offsite Worker	373065	755906	9	17	8	24
Receptor_259	Offsite Worker	373065	755827	8	16	8	23
Receptor_26	Recreational	366415	757603	5	8	3	19
Receptor_260	Offsite Worker	373068	755733	8	14	7	23

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	8	15	7	23
Receptor_262	Offsite Worker	372941	755733	8	15	7	23
Receptor_263	Offsite Worker	372941	755636	7	13	6	22
Receptor_264	Offsite Worker	372941	755539	6	11	5	21
Receptor_265	Offsite Worker	372941	755442	6	10	4	20
Receptor_266	Offsite Worker	372913	755342	5	8	3	19
Receptor_267	Offsite Worker	372817	755346	6	8	3	19
Receptor_268	Offsite Worker	372720	755349	6	9	3	19
Receptor_269	Offsite Worker	372624	755352	6	9	3	19
Receptor_27	Recreational	366376	757692	5	8	3	19
Receptor_270	Offsite Worker	372527	755349	6	9	3	19
Receptor_271	Offsite Worker	372431	755353	6	9	3	19
Receptor_272	Offsite Worker	372334	755356	8	11	2	18
Receptor_273	Offsite Worker	372237	755359	10	12	3	18
Receptor_274	Offsite Worker	372141	755362	10	12	3	18
Receptor_275	Offsite Worker	372044	755366	10	13	4	19
Receptor_276	Offsite Worker	371948	755369	10	14	5	20
Receptor_277	Offsite Worker	371851	755372	11	15	4	20
Receptor_278	Offsite Worker	371755	755375	12	16	4	20
Receptor_279	Offsite Worker	371658	755378	12	17	5	20
Receptor_28	Residential	366338	757780	5	8	3	19
Receptor_280	Offsite Worker	371562	755382	12	17	5	21
Receptor_281	Offsite Worker	371465	755385	12	16	5	20
Receptor_282	Offsite Worker	371368	755388	11	16	4	20
Receptor_283	Offsite Worker	371272	755391	11	16	5	20
Receptor_284	Offsite Worker	371175	755395	11	16	5	21
Receptor_285	Offsite Worker	371079	755398	12	16	4	20
Receptor_286	Offsite Worker	371042	755478	14	19	5	21
Receptor_287	Offsite Worker	371009	755538	16	21	5	21
Receptor_288	Offsite Worker	370975	755597	17	23	6	21
Receptor_289	Offsite Worker	370925	755597	18	23	6	22
Receptor_29	Residential	366402	757746	5	8	3	19
Receptor_290	Offsite Worker	370860	755547	17	23	6	22
Receptor_291	Offsite Worker	370796	755497	16	22	6	21
Receptor_292	Offsite Worker	370733	755428	15	21	6	21
Receptor_293	Offsite Worker	370634	755428	15	21	6	22
Receptor_294	Offsite Worker	370536	755428	15	22	7	22
Receptor_295	Offsite Worker	370437	755428	15	22	7	23
Receptor_296	Offsite Worker	370338	755427	16	23	7	23
Receptor_297	Residential	370239	755427	17	24	8	24
Receptor_298	Residential	370138	755427	18	26	9	24
Receptor_299	Residential	370040	755427	18	28	10	25
Receptor_3	Recreational	367301	755573	6	12	5	21
Receptor_30	Residential	366467	757713	5	9	4	19
Receptor_300	Residential	369941	755426	19	29	10	26

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	20	29	10	25
Receptor_302	School	369741	755435	21	28	8	23
Receptor_303	School	369643	755434	22	28	7	22
Receptor_304	Residential	369544	755434	22	29	7	23
Receptor_305	Residential	369445	755434	21	28	7	23
Receptor_306	Residential	369346	755434	19	27	8	24
Receptor_307	Offsite Worker	369249	755442	17	26	9	25
Receptor_308	Offsite Worker	369151	755442	15	25	9	25
Receptor_309	Offsite Worker	369052	755442	14	23	9	25
Receptor_31	Residential	366531	757679	5	9	4	19
Receptor_310	Residential	368953	755441	14	22	8	24
Receptor_311	Residential	368854	755441	13	20	7	23
Receptor_312	Residential	368755	755441	13	19	6	22
Receptor_313	Residential	368657	755441	12	18	6	22
Receptor_314	Residential	368558	755440	11	18	7	22
Receptor_315	Residential	368459	755440	11	17	7	22
Receptor_316	Residential	368360	755440	10	17	6	22
Receptor_317	Residential	368262	755439	10	16	6	22
Receptor_318	Residential	368186	755427	9	15	6	22
Receptor_319	Residential	368111	755414	9	15	6	22
Receptor_32	Residential	366567	757773	5	9	4	20
Receptor_320	Offsite Worker	368035	755402	9	14	6	21
Receptor_321	Offsite Worker	367960	755389	8	14	6	21
Receptor_322	Offsite Worker	367863	755390	8	13	5	21
Receptor_323	Offsite Worker	367766	755392	8	13	5	21
Receptor_324	Offsite Worker	367669	755393	7	13	5	21
Receptor_325	Offsite Worker	367572	755394	7	12	5	21
Receptor_326	Offsite Worker	367475	755395	7	12	5	21
Receptor_327	On-Site Occupational	370400	756850	17	24	7	22
Receptor_33	Residential	366625	757758	5	9	4	20
Receptor_34	Residential	366682	757744	6	10	4	20
Receptor_35	Residential	366768	757788	6	10	4	20
Receptor_36	Residential	366854	757833	6	11	4	20
Receptor_37	Residential	366941	757877	7	11	5	20
Receptor_38	Residential	367027	757922	7	12	5	21
Receptor_39	Residential	367113	757966	7	12	5	21
Receptor_4	Recreational	367263	755661	6	11	5	21
Receptor_40	Residential	367192	757916	7	13	5	21
Receptor_41	Residential	367264	757916	8	13	6	21
Receptor_42	Residential	367335	757916	8	14	6	21
Receptor_43	Residential	367343	757966	8	13	5	21
Receptor_44	Residential	367404	757995	8	13	5	21
Receptor_45	Residential	367465	758024	8	13	5	21
Receptor_46	School	367504	757948	8	14	6	22
Receptor_47	School	367544	757873	9	15	6	22

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	9	15	6	22
Receptor_49	School	367623	757866	9	16	7	22
Receptor_5	Recreational	367224	755749	6	11	5	20
Receptor_50	School	367694	757866	9	16	7	23
Receptor_51	School	367716	757927	9	15	6	22
Receptor_52	School	367737	757988	9	14	5	21
Receptor_53	School	367727	758067	8	12	5	20
Receptor_54	School	367716	758146	7	11	4	20
Receptor_55	Residential	367673	758189	6	10	4	19
Receptor_56	School	367723	758254	6	9	3	19
Receptor_57	School	367784	758221	6	9	3	19
Receptor_58	School	367845	758189	6	10	3	19
Receptor_59	Residential	367816	758096	7	12	4	20
Receptor_6	Recreational	367186	755838	7	11	4	20
Receptor_60	Residential	367898	758066	8	12	4	20
Receptor_61	Residential	367980	758035	8	13	4	20
Receptor_62	Residential	368062	758005	9	13	5	20
Receptor_63	Residential	368144	757975	9	14	5	20
Receptor_64	Residential	368226	757945	9	14	5	20
Receptor_65	Residential	368301	757943	9	14	4	20
Receptor_66	Residential	368376	757941	9	14	5	21
Receptor_67	Residential	368452	757940	9	15	6	22
Receptor_68	Residential	368527	757938	8	15	7	23
Receptor_69	Residential	368563	757880	10	17	7	23
Receptor_7	Recreational	367147	755926	7	11	4	20
Receptor_70	Residential	368636	757926	9	15	7	22
Receptor_71	Residential	368709	757971	9	15	6	22
Receptor_72	Residential	368782	758017	9	15	6	21
Receptor_73	Residential	368855	758062	9	14	6	22
Receptor_74	Residential	368928	758108	8	14	6	22
Receptor_75	Residential	369001	758153	8	14	6	21
Receptor_76	Residential	369058	758074	9	15	6	22
Receptor_77	Residential	369102	758103	9	14	5	21
Receptor_78	Residential	369145	758132	9	15	5	21
Receptor_79	Residential	369200	758065	10	16	6	21
Receptor_8	Recreational	367109	756014	8	12	4	20
Receptor_80	Residential	369255	757998	12	18	6	22
Receptor_81	Residential	369310	757931	13	19	6	22
Receptor_82	Residential	369356	757981	13	19	6	21
Receptor_83	Residential	369403	758031	13	19	6	21
Receptor_84	Recreational	369336	758100	12	17	5	21
Receptor_85	Recreational	369269	758170	11	16	5	21
Receptor_86	Recreational	369202	758239	9	14	5	21
Receptor_87	Recreational	369264	758285	10	14	5	20
Receptor_88	Recreational	369326	758330	10	14	5	20

Table 28							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAQS) (µg/m³)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	10	14	4	20
Receptor_9	Recreational	367070	756103	8	13	5	20
Receptor_90	Recreational	369389	758462	10	13	4	19
Receptor_91	Recreational	369389	758548	9	13	3	19
Receptor_92	Residential	369389	758634	9	12	3	19
Receptor_93	Residential	369469	758630	9	12	3	19
Receptor_94	Residential	369549	758625	9	12	3	19
Receptor_95	Residential	369630	758621	9	13	4	19
Receptor_96	Residential	369710	758617	9	13	4	20
Receptor_97	Residential	369791	758613	8	13	5	20
Receptor_98	Residential	369791	758514	9	14	5	21
Receptor_99	Residential	369791	758416	10	15	5	21

Table 29											
LAX SPAS										IFRW Flight Rule	
Operational Concentrations										SO ₂ , 24-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)											
Peak Values of Average Concentrations				Peak Project Concentrations				Total Concentration (CAAQS/NAAQS)			
Type	24-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)		Type	24-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)		Type	24-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	22	369544	755434	Residential	10	369941	755426	Residential	26	369941	755426
School	22	369643	755434	School	8	369741	755435	School	23	369741	755435
Offsite Worker	33	372622	756509	Offsite Worker	19	372622	756509	Offsite Worker	35	372622	756509
Recreational	12	369336	758100	Recreational	5	369336	758100	Recreational	21	369336	758100
On-Site Occupational	17	370400	756850	On-Site Occupational	7	370400	756850	On-Site Occupational	22	370400	756850
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	29	369842	755426								
School	28	369741	755435								
Offsite Worker	52	372622	756509								
Recreational	17	369336	758100								
On-Site Occupational	24	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Background concentration for CAAQS and NAAQS the same for averaging period.											

Table 30								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	5	5	0	52	44
Receptor_10	Recreational	367032	756191	4	4	0	52	43
Receptor_100	Residential	369791	758318	5	5	-1	51	43
Receptor_101	Residential	369881	758318	5	5	-1	51	43
Receptor_102	Residential	369972	758318	5	5	0	52	43
Receptor_103	Residential	370062	758318	6	6	0	52	44
Receptor_104	Residential	370153	758318	6	6	0	52	43
Receptor_105	Residential	370243	758318	7	6	-1	51	43
Receptor_106	School	370247	758254	7	7	-1	51	43
Receptor_107	School	370250	758189	8	7	-1	51	43
Receptor_108	School	370308	758196	8	7	-1	51	43
Receptor_109	School	370361	758236	8	7	-1	51	42
Receptor_11	Recreational	366993	756279	4	4	0	52	44
Receptor_110	School	370415	758275	8	7	-1	51	42
Receptor_111	Residential	370408	758347	8	7	-1	51	43
Receptor_112	Residential	370490	758344	8	7	-1	51	43
Receptor_113	Residential	370572	758341	8	7	-1	51	43
Receptor_114	Residential	370654	758338	8	7	-1	51	43
Receptor_115	Residential	370735	758335	7	7	-1	51	43
Receptor_116	Residential	370817	758333	7	7	-1	51	43
Receptor_117	Offsite Worker	370814	758243	8	7	-1	51	43
Receptor_118	Offsite Worker	370810	758153	8	8	0	52	43
Receptor_119	Offsite Worker	370807	758063	9	8	0	52	43
Receptor_12	Recreational	366954	756367	4	4	0	52	44
Receptor_120	Offsite Worker	370803	757974	10	9	0	52	43
Receptor_121	Offsite Worker	370835	757927	10	10	0	52	44
Receptor_122	Offsite Worker	370868	757880	10	10	0	52	44
Receptor_123	Offsite Worker	370921	757884	9	9	0	52	44
Receptor_124	Offsite Worker	370975	757887	9	9	0	52	44
Receptor_125	Offsite Worker	370975	757794	10	10	0	52	44
Receptor_126	Offsite Worker	371026	757794	10	11	0	52	44
Receptor_127	Offsite Worker	371076	757877	9	9	0	52	44
Receptor_128	Offsite Worker	371126	757959	9	9	0	52	44
Receptor_129	Offsite Worker	371119	758031	8	8	0	52	44
Receptor_13	Recreational	366916	756456	4	4	0	52	44
Receptor_130	Residential	371183	758027	8	8	0	52	44
Receptor_131	Residential	371248	758024	8	9	1	53	44
Receptor_132	Residential	371326	758075	8	8	1	53	44
Receptor_133	Residential	371404	758127	7	8	1	53	45
Receptor_134	Residential	371481	758178	7	9	2	54	46
Receptor_135	Residential	371559	758230	6	9	2	54	46
Receptor_136	Residential	371637	758281	6	8	2	54	45
Receptor_137	Residential	371715	758333	6	7	1	53	45
Receptor_138	Residential	371769	758261	7	9	2	54	45
Receptor_139	Residential	371822	758189	8	8	0	52	44
Receptor_14	Recreational	366877	756544	4	4	0	52	44

Table 30								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	9	8	-1	51	42
Receptor_141	Residential	371894	758081	10	8	-2	50	41
Receptor_142	Residential	371959	758074	9	7	-2	50	42
Receptor_143	Offsite Worker	371953	757977	10	7	-2	50	41
Receptor_144	Offsite Worker	371948	757880	9	8	-1	51	43
Receptor_145	Offsite Worker	371943	757783	10	9	-1	51	43
Receptor_146	Offsite Worker	372016	757794	9	9	-1	51	43
Receptor_147	Offsite Worker	372102	757791	9	8	0	52	43
Receptor_148	Offsite Worker	372178	757760	8	8	0	52	44
Receptor_149	Offsite Worker	372177	757670	9	9	0	52	44
Receptor_15	Recreational	366839	756632	4	5	0	52	44
Receptor_150	Offsite Worker	372176	757579	9	9	0	52	44
Receptor_151	Offsite Worker	372174	757489	8	9	0	52	44
Receptor_152	Offsite Worker	372173	757398	8	8	0	52	44
Receptor_153	Offsite Worker	372171	757308	7	8	0	52	44
Receptor_154	Offsite Worker	372055	757309	9	9	0	52	44
Receptor_155	Residential	372055	757363	9	9	0	52	44
Receptor_156	Offsite Worker	372055	757416	9	9	0	52	44
Receptor_157	Offsite Worker	371952	757442	10	10	0	52	44
Receptor_158	Offsite Worker	371950	757345	11	10	-1	51	43
Receptor_159	Offsite Worker	371864	757344	13	11	-2	50	42
Receptor_16	Recreational	366800	756720	5	4	0	52	44
Receptor_160	Offsite Worker	371790	757347	13	11	-2	50	42
Receptor_161	Offsite Worker	371708	757356	13	12	-1	51	43
Receptor_162	Offsite Worker	371615	757356	13	13	0	52	44
Receptor_163	Offsite Worker	371523	757356	13	13	0	52	44
Receptor_164	Offsite Worker	371430	757356	14	14	0	52	44
Receptor_165	Offsite Worker	371338	757356	15	15	-1	51	43
Receptor_166	Offsite Worker	371245	757356	17	15	-2	50	42
Receptor_167	Offsite Worker	371153	757356	18	16	-2	50	42
Receptor_168	Offsite Worker	371061	757356	19	16	-3	49	41
Receptor_169	Offsite Worker	371005	757357	20	17	-3	49	41
Receptor_17	Recreational	366762	756809	4	4	0	52	44
Receptor_170	Offsite Worker	370998	757293	22	20	-2	50	41
Receptor_171	Offsite Worker	370998	757194	24	24	0	52	44
Receptor_172	Offsite Worker	370998	757096	29	29	0	52	44
Receptor_173	Offsite Worker	370998	756998	38	37	-1	51	43
Receptor_174	Offsite Worker	371057	756997	28	26	-2	50	41
Receptor_175	Offsite Worker	371153	756997	24	23	-1	51	43
Receptor_176	Offsite Worker	371249	756997	29	30	1	53	44
Receptor_177	Offsite Worker	371345	756997	23	24	2	54	46
Receptor_178	Offsite Worker	371440	756997	17	16	-1	51	42
Receptor_179	Offsite Worker	371536	756997	15	14	-2	50	42
Receptor_18	Recreational	366723	756897	4	4	0	52	44
Receptor_180	Offsite Worker	371632	756997	14	13	-1	51	42
Receptor_181	Offsite Worker	371728	756997	13	11	-1	51	43

Table 30								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	11	11	-1	51	43
Receptor_183	Offsite Worker	371920	756997	10	10	-1	51	43
Receptor_184	Offsite Worker	372016	756997	10	9	0	52	43
Receptor_185	Offsite Worker	372111	756997	9	9	0	52	44
Receptor_186	Offsite Worker	372207	756997	8	8	0	52	44
Receptor_187	Offsite Worker	372303	756997	8	8	0	52	44
Receptor_188	Offsite Worker	372399	756997	7	8	0	52	44
Receptor_189	Offsite Worker	372495	756997	7	7	0	52	44
Receptor_19	Recreational	366685	756985	4	4	0	52	43
Receptor_190	Offsite Worker	372591	756997	6	7	1	53	44
Receptor_191	Offsite Worker	372610	757063	6	7	1	53	45
Receptor_192	Offsite Worker	372612	757132	6	7	1	53	45
Receptor_193	Offsite Worker	372614	757201	6	7	1	53	45
Receptor_194	Offsite Worker	372616	757270	6	7	1	53	44
Receptor_195	Offsite Worker	372627	757351	5	6	0	52	44
Receptor_196	Offsite Worker	372651	757422	5	5	0	52	44
Receptor_197	Offsite Worker	372676	757494	5	6	0	52	44
Receptor_198	Offsite Worker	372704	757569	6	6	0	52	44
Receptor_199	Offsite Worker	372733	757645	6	6	0	52	44
Receptor_2	Recreational	367340	755485	5	5	0	52	44
Receptor_20	Recreational	366646	757074	4	3	-1	51	43
Receptor_200	Offsite Worker	372746	757702	6	6	0	52	44
Receptor_201	Offsite Worker	372746	757768	6	7	0	52	44
Receptor_202	Offsite Worker	372807	757781	6	6	0	52	44
Receptor_203	Offsite Worker	372901	757782	6	7	2	54	45
Receptor_204	Offsite Worker	372994	757783	5	7	2	54	46
Receptor_205	Offsite Worker	373087	757783	5	7	2	54	46
Receptor_206	Offsite Worker	373180	757784	5	7	2	54	46
Receptor_207	Offsite Worker	373274	757785	4	7	2	54	46
Receptor_208	Offsite Worker	373367	757786	4	6	2	54	46
Receptor_209	Offsite Worker	373418	757742	4	6	2	54	46
Receptor_21	Recreational	366607	757162	3	3	0	52	43
Receptor_210	Offsite Worker	373418	757653	3	5	2	54	46
Receptor_211	Offsite Worker	373419	757564	3	5	2	54	45
Receptor_212	Offsite Worker	373419	757475	4	5	1	53	45
Receptor_213	Offsite Worker	373420	757386	4	5	1	53	45
Receptor_214	Offsite Worker	373420	757297	5	6	1	53	45
Receptor_215	Offsite Worker	373421	757207	5	6	1	53	45
Receptor_216	Offsite Worker	373421	757118	4	5	0	52	44
Receptor_217	Offsite Worker	373292	757117	5	6	1	53	45
Receptor_218	Offsite Worker	373213	757118	5	6	1	53	45
Receptor_219	Offsite Worker	373158	757066	5	5	0	52	44
Receptor_22	Recreational	366569	757250	3	3	0	52	43
Receptor_220	Offsite Worker	373084	757026	5	5	0	52	44
Receptor_221	Offsite Worker	373009	757011	6	5	0	52	43
Receptor_222	Offsite Worker	372922	757009	6	6	0	52	43

Table 30								IFRW Flight Rule	
LAX SPAS								Operational Concentrations	
11/14/2012								PM10, 24-Hour Averaging Time	
Staff-Recommended Alternative (SRA)									
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)	
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA	
Receptor_223	Offsite Worker	372835	757007	6	6	0	52	44	
Receptor_224	Offsite Worker	372747	757006	6	6	1	53	44	
Receptor_225	Offsite Worker	372660	757004	6	7	1	53	44	
Receptor_226	Offsite Worker	372651	757063	6	7	1	53	45	
Receptor_227	Offsite Worker	372629	756931	7	7	0	52	44	
Receptor_228	Offsite Worker	372631	756857	7	7	0	52	44	
Receptor_229	Offsite Worker	372634	756783	7	8	0	52	44	
Receptor_23	Recreational	366530	757338	3	2	0	52	43	
Receptor_230	Offsite Worker	372702	756778	7	7	0	52	44	
Receptor_231	Offsite Worker	372756	756775	7	7	0	52	44	
Receptor_232	Offsite Worker	372729	756712	6	7	1	53	44	
Receptor_233	Offsite Worker	372703	756650	6	7	1	53	44	
Receptor_234	Offsite Worker	372677	756588	7	7	1	53	44	
Receptor_235	Offsite Worker	372619	756588	8	9	1	53	45	
Receptor_236	Offsite Worker	372622	756509	7	8	1	53	45	
Receptor_237	Offsite Worker	372700	756511	6	7	1	53	45	
Receptor_238	Offsite Worker	372789	756510	6	7	1	53	45	
Receptor_239	Offsite Worker	372871	756509	5	6	1	53	45	
Receptor_24	Recreational	366492	757427	3	2	0	52	43	
Receptor_240	Offsite Worker	372871	756437	5	6	1	53	44	
Receptor_241	Offsite Worker	372970	756437	5	6	1	53	44	
Receptor_242	Offsite Worker	373069	756437	5	5	0	52	44	
Receptor_243	Offsite Worker	373168	756437	4	5	0	52	44	
Receptor_244	Offsite Worker	373267	756437	4	5	0	52	44	
Receptor_245	Offsite Worker	373412	756437	4	4	0	52	44	
Receptor_246	Offsite Worker	373409	756339	4	4	0	52	43	
Receptor_247	Offsite Worker	373406	756240	4	4	0	52	43	
Receptor_248	Offsite Worker	373403	756142	5	4	-1	51	43	
Receptor_249	Offsite Worker	373400	756042	6	4	-1	51	42	
Receptor_25	Recreational	366453	757515	3	2	0	52	43	
Receptor_250	Offsite Worker	373397	755944	5	4	0	52	43	
Receptor_251	Offsite Worker	373393	755846	4	4	0	52	44	
Receptor_252	Offsite Worker	373390	755747	4	4	0	52	43	
Receptor_253	Offsite Worker	373309	755744	4	4	0	52	43	
Receptor_254	Offsite Worker	373229	755743	4	4	0	52	43	
Receptor_255	Offsite Worker	373143	755741	4	4	-1	51	43	
Receptor_256	Offsite Worker	373143	755823	5	4	-1	51	42	
Receptor_257	Offsite Worker	373143	755906	6	4	-2	50	42	
Receptor_258	Offsite Worker	373065	755906	8	4	-4	48	40	
Receptor_259	Offsite Worker	373065	755827	7	4	-3	49	41	
Receptor_26	Recreational	366415	757603	2	3	0	52	44	
Receptor_260	Offsite Worker	373068	755733	5	4	-1	51	43	
Receptor_261	Offsite Worker	373007	755733	5	4	-1	51	43	
Receptor_262	Offsite Worker	372941	755733	5	4	-1	51	42	
Receptor_263	Offsite Worker	372941	755636	4	3	-1	51	43	
Receptor_264	Offsite Worker	372941	755539	4	3	-1	51	43	

Table 30								IFRW Flight Rule	
LAX SPAS								Operational Concentrations	
11/14/2012								PM10, 24-Hour Averaging Time	
Staff-Recommended Alternative (SRA)									
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)	
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA	
Receptor_265	Offsite Worker	372941	755442	4	3	-1	51	43	
Receptor_266	Offsite Worker	372913	755342	4	3	-1	51	43	
Receptor_267	Offsite Worker	372817	755346	4	3	-1	51	43	
Receptor_268	Offsite Worker	372720	755349	4	3	-1	51	43	
Receptor_269	Offsite Worker	372624	755352	5	3	-1	51	42	
Receptor_27	Recreational	366376	757692	3	3	0	52	44	
Receptor_270	Offsite Worker	372527	755349	4	4	-1	51	43	
Receptor_271	Offsite Worker	372431	755353	6	4	-2	50	41	
Receptor_272	Offsite Worker	372334	755356	8	5	-3	49	41	
Receptor_273	Offsite Worker	372237	755359	7	5	-2	50	42	
Receptor_274	Offsite Worker	372141	755362	7	6	0	52	43	
Receptor_275	Offsite Worker	372044	755366	6	5	-2	50	42	
Receptor_276	Offsite Worker	371948	755369	6	5	-2	50	42	
Receptor_277	Offsite Worker	371851	755372	6	4	-2	50	42	
Receptor_278	Offsite Worker	371755	755375	6	4	-2	50	42	
Receptor_279	Offsite Worker	371658	755378	5	4	-1	51	43	
Receptor_28	Residential	366338	757780	3	3	0	52	44	
Receptor_280	Offsite Worker	371562	755382	5	6	1	53	44	
Receptor_281	Offsite Worker	371465	755385	5	4	-1	51	43	
Receptor_282	Offsite Worker	371368	755388	8	8	1	53	44	
Receptor_283	Offsite Worker	371272	755391	5	5	0	52	43	
Receptor_284	Offsite Worker	371175	755395	5	5	0	52	43	
Receptor_285	Offsite Worker	371079	755398	5	5	0	52	43	
Receptor_286	Offsite Worker	371042	755478	6	5	-1	51	43	
Receptor_287	Offsite Worker	371009	755538	6	5	-1	51	43	
Receptor_288	Offsite Worker	370975	755597	6	6	0	52	43	
Receptor_289	Offsite Worker	370925	755597	6	6	-1	51	43	
Receptor_29	Residential	366402	757746	3	3	0	52	44	
Receptor_290	Offsite Worker	370860	755547	7	6	-1	51	43	
Receptor_291	Offsite Worker	370796	755497	7	7	0	52	43	
Receptor_292	Offsite Worker	370733	755428	7	7	-1	51	43	
Receptor_293	Offsite Worker	370634	755428	9	8	-1	51	43	
Receptor_294	Offsite Worker	370536	755428	11	11	0	52	44	
Receptor_295	Offsite Worker	370437	755428	11	11	0	52	44	
Receptor_296	Offsite Worker	370338	755427	12	12	-1	51	43	
Receptor_297	Residential	370239	755427	13	12	-1	51	43	
Receptor_298	Residential	370138	755427	12	10	-2	50	42	
Receptor_299	Residential	370040	755427	11	9	-1	51	42	
Receptor_3	Recreational	367301	755573	5	5	0	52	44	
Receptor_30	Residential	366467	757713	3	3	0	52	44	
Receptor_300	Residential	369941	755426	11	9	-2	50	42	
Receptor_301	Residential	369842	755426	13	11	-2	50	42	
Receptor_302	School	369741	755435	13	11	-2	50	42	
Receptor_303	School	369643	755434	13	11	-2	50	42	
Receptor_304	Residential	369544	755434	12	11	-2	50	42	
Receptor_305	Residential	369445	755434	12	10	-2	50	42	

Table 30								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	11	9	-2	50	42
Receptor_307	Offsite Worker	369249	755442	8	8	0	52	43
Receptor_308	Offsite Worker	369151	755442	7	7	0	52	44
Receptor_309	Offsite Worker	369052	755442	7	7	0	52	43
Receptor_31	Residential	366531	757679	3	3	0	52	44
Receptor_310	Residential	368953	755441	7	7	0	52	43
Receptor_311	Residential	368854	755441	7	7	-1	51	43
Receptor_312	Residential	368755	755441	8	7	-1	51	43
Receptor_313	Residential	368657	755441	8	7	-1	51	43
Receptor_314	Residential	368558	755440	7	7	0	52	43
Receptor_315	Residential	368459	755440	7	7	0	52	43
Receptor_316	Residential	368360	755440	7	7	0	52	43
Receptor_317	Residential	368262	755439	7	7	0	52	43
Receptor_318	Residential	368186	755427	7	7	0	52	44
Receptor_319	Residential	368111	755414	7	7	0	52	44
Receptor_32	Residential	366567	757773	3	3	0	52	44
Receptor_320	Offsite Worker	368035	755402	7	7	0	52	44
Receptor_321	Offsite Worker	367960	755389	6	6	0	52	44
Receptor_322	Offsite Worker	367863	755390	6	6	0	52	44
Receptor_323	Offsite Worker	367766	755392	6	6	0	52	44
Receptor_324	Offsite Worker	367669	755393	5	6	0	52	44
Receptor_325	Offsite Worker	367572	755394	5	5	0	52	44
Receptor_326	Offsite Worker	367475	755395	5	5	0	52	44
Receptor_327	On-Site Occupational	370400	756850	51	43	-9	43	35
Receptor_33	Residential	366625	757758	3	3	0	52	44
Receptor_34	Residential	366682	757744	3	3	0	52	44
Receptor_35	Residential	366768	757788	4	4	0	52	44
Receptor_36	Residential	366854	757833	4	4	0	52	44
Receptor_37	Residential	366941	757877	4	4	0	52	44
Receptor_38	Residential	367027	757922	4	4	0	52	44
Receptor_39	Residential	367113	757966	4	4	0	52	44
Receptor_4	Recreational	367263	755661	5	5	0	52	44
Receptor_40	Residential	367192	757916	4	4	0	52	44
Receptor_41	Residential	367264	757916	4	4	0	52	44
Receptor_42	Residential	367335	757916	4	4	0	52	44
Receptor_43	Residential	367343	757966	4	4	0	52	44
Receptor_44	Residential	367404	757995	4	4	0	52	44
Receptor_45	Residential	367465	758024	4	4	0	52	43
Receptor_46	School	367504	757948	4	4	0	52	44
Receptor_47	School	367544	757873	5	5	0	52	44
Receptor_48	School	367587	757909	5	5	0	52	44
Receptor_49	School	367623	757866	5	5	0	52	44
Receptor_5	Recreational	367224	755749	4	4	0	52	44
Receptor_50	School	367694	757866	5	5	0	52	44
Receptor_51	School	367716	757927	5	5	0	52	43
Receptor_52	School	367737	757988	4	4	0	52	43

Table 30								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_53	School	367727	758067	4	4	0	52	43
Receptor_54	School	367716	758146	4	3	0	52	43
Receptor_55	Residential	367673	758189	3	3	0	52	43
Receptor_56	School	367723	758254	3	3	0	52	44
Receptor_57	School	367784	758221	3	3	0	52	44
Receptor_58	School	367845	758189	3	3	0	52	44
Receptor_59	Residential	367816	758096	4	4	0	52	43
Receptor_6	Recreational	367186	755838	3	4	0	52	44
Receptor_60	Residential	367898	758066	4	4	0	52	43
Receptor_61	Residential	367980	758035	4	4	0	52	43
Receptor_62	Residential	368062	758005	4	4	0	52	43
Receptor_63	Residential	368144	757975	4	4	0	52	43
Receptor_64	Residential	368226	757945	5	4	0	52	43
Receptor_65	Residential	368301	757943	4	4	0	52	43
Receptor_66	Residential	368376	757941	4	4	0	52	44
Receptor_67	Residential	368452	757940	4	4	0	52	44
Receptor_68	Residential	368527	757938	4	4	0	52	44
Receptor_69	Residential	368563	757880	4	5	0	52	44
Receptor_7	Recreational	367147	755926	3	3	0	52	44
Receptor_70	Residential	368636	757926	4	4	0	52	44
Receptor_71	Residential	368709	757971	5	4	0	52	43
Receptor_72	Residential	368782	758017	4	4	-1	51	43
Receptor_73	Residential	368855	758062	4	4	0	52	43
Receptor_74	Residential	368928	758108	4	4	0	52	44
Receptor_75	Residential	369001	758153	4	4	0	52	44
Receptor_76	Residential	369058	758074	4	4	0	52	44
Receptor_77	Residential	369102	758103	4	4	0	52	44
Receptor_78	Residential	369145	758132	4	4	0	52	44
Receptor_79	Residential	369200	758065	5	4	0	52	43
Receptor_8	Recreational	367109	756014	3	4	0	52	44
Receptor_80	Residential	369255	757998	5	5	0	52	43
Receptor_81	Residential	369310	757931	5	5	0	52	43
Receptor_82	Residential	369356	757981	5	5	0	52	43
Receptor_83	Residential	369403	758031	5	5	-1	51	43
Receptor_84	Recreational	369336	758100	5	4	0	52	43
Receptor_85	Recreational	369269	758170	4	4	0	52	43
Receptor_86	Recreational	369202	758239	4	4	0	52	43
Receptor_87	Recreational	369264	758285	4	4	0	52	43
Receptor_88	Recreational	369326	758330	4	3	0	52	43
Receptor_89	Recreational	369389	758376	4	3	-1	51	43
Receptor_9	Recreational	367070	756103	4	4	0	52	44
Receptor_90	Recreational	369389	758462	4	3	-1	51	43
Receptor_91	Recreational	369389	758548	4	3	-1	51	43
Receptor_92	Residential	369389	758634	3	3	0	52	43
Receptor_93	Residential	369469	758630	4	3	-1	51	43
Receptor_94	Residential	369549	758625	4	3	-1	51	43

Table 30								
LAX SPAS								IFRW Flight Rule
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
Receptor ID	Type	Meters		Average Concentration ($\mu\text{g}/\text{m}^3$)		Project Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration (CAAQS) ($\mu\text{g}/\text{m}^3$)	Total Concentration (NAAQS) ($\mu\text{g}/\text{m}^3$)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	4	4	-1	51	43
Receptor_96	Residential	369710	758617	4	4	-1	51	43
Receptor_97	Residential	369791	758613	4	4	-1	51	43
Receptor_98	Residential	369791	758514	5	4	-1	51	43
Receptor_99	Residential	369791	758416	5	4	-1	51	43

Table 31															
LAX SPAS															
Operational Concentrations												IFRW Flight Rule			
												PM10, 24-Hour Averaging Time			
11/14/2012												Staff-Recommended Alternative (SRA)			
Peak Values of Average Concentrations				Peak Project Concentrations				Total Concentration (CAAQS)				Total Concentration (NAAQS)			
24-Hour PM10		Location		24-Hour PM10		Location		24-Hour PM10		Location		24-Hour PM10		Location	
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	12.90	370239	755427	Residential	2.25	371481	758178	Residential	54.25	371481	758178	Residential	45.92	371481	758178
School	13.16	369741	755435	School	-0.06	367544	757873	School	51.94	367544	757873	School	43.61	367544	757873
Offsite Worker	37.99	370998	756998	Offsite Worker	2.41	373367	757786	Offsite Worker	54.41	373367	757786	Offsite Worker	46.07	373367	757786
Recreational	4.72	367301	755573	Recreational	0.42	367186	755838	Recreational	52.42	367186	755838	Recreational	44.09	367186	755838
On-Site Occupational	51.25	370400	756850	On-Site Occupational	-8.72	370400	756850	On-Site Occupational	43.28	370400	756850	On-Site Occupational	34.95	370400	756850
Staff-Recommended Alternative															
Residential	12.40	370239	755427												
School	11.42	369741	755435												
Offsite Worker	37.45	370998	756998												
Recreational	4.85	367379	755396												
On-Site Occupational	42.53	370400	756850												
Notes:															
Average concentration is modeled output from AERMOD, version 12060.															
Project concentration is difference between given alternative and baseline (project increment).															
Total concentration is project concentration plus monitored background concentration.															
Background concentration for CAAQS and NAAQS different for averaging period.															

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	3	3	0	37
Receptor_10	Recreational	367032	756191	3	3	0	37
Receptor_100	Residential	369791	758318	4	3	-1	36
Receptor_101	Residential	369881	758318	4	3	-1	36
Receptor_102	Residential	369972	758318	4	4	0	36
Receptor_103	Residential	370062	758318	4	4	0	36
Receptor_104	Residential	370153	758318	5	4	0	36
Receptor_105	Residential	370243	758318	5	4	-1	36
Receptor_106	School	370247	758254	5	5	-1	36
Receptor_107	School	370250	758189	6	5	-1	36
Receptor_108	School	370308	758196	6	5	-1	36
Receptor_109	School	370361	758236	6	5	-1	36
Receptor_11	Recreational	366993	756279	3	3	0	37
Receptor_110	School	370415	758275	6	5	-1	36
Receptor_111	Residential	370408	758347	5	5	-1	36
Receptor_112	Residential	370490	758344	5	4	-1	36
Receptor_113	Residential	370572	758341	5	4	-1	36
Receptor_114	Residential	370654	758338	5	4	-1	36
Receptor_115	Residential	370735	758335	5	4	0	36
Receptor_116	Residential	370817	758333	4	4	0	36
Receptor_117	Offsite Worker	370814	758243	5	4	0	36
Receptor_118	Offsite Worker	370810	758153	5	5	0	36
Receptor_119	Offsite Worker	370807	758063	5	5	0	36
Receptor_12	Recreational	366954	756367	3	3	0	37
Receptor_120	Offsite Worker	370803	757974	6	6	0	36
Receptor_121	Offsite Worker	370835	757927	6	6	0	36
Receptor_122	Offsite Worker	370868	757880	6	6	0	36
Receptor_123	Offsite Worker	370921	757884	6	5	0	36
Receptor_124	Offsite Worker	370975	757887	6	6	0	36
Receptor_125	Offsite Worker	370975	757794	6	7	0	37
Receptor_126	Offsite Worker	371026	757794	6	7	0	37
Receptor_127	Offsite Worker	371076	757877	6	6	0	36
Receptor_128	Offsite Worker	371126	757959	5	5	0	36
Receptor_129	Offsite Worker	371119	758031	5	5	0	36
Receptor_13	Recreational	366916	756456	3	3	0	37
Receptor_130	Residential	371183	758027	5	5	0	36
Receptor_131	Residential	371248	758024	5	5	0	36
Receptor_132	Residential	371326	758075	5	5	0	36
Receptor_133	Residential	371404	758127	5	5	0	36
Receptor_134	Residential	371481	758178	4	4	0	37
Receptor_135	Residential	371559	758230	4	4	0	37
Receptor_136	Residential	371637	758281	4	4	0	37
Receptor_137	Residential	371715	758333	4	4	0	36
Receptor_138	Residential	371769	758261	4	4	0	36
Receptor_139	Residential	371822	758189	5	4	-1	36
Receptor_14	Recreational	366877	756544	3	3	0	37

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	6	4	-2	35
Receptor_141	Residential	371894	758081	7	4	-2	34
Receptor_142	Residential	371959	758074	6	4	-2	35
Receptor_143	Offsite Worker	371953	757977	6	4	-2	34
Receptor_144	Offsite Worker	371948	757880	6	5	-1	36
Receptor_145	Offsite Worker	371943	757783	6	5	-1	36
Receptor_146	Offsite Worker	372016	757794	6	5	-1	36
Receptor_147	Offsite Worker	372102	757791	5	5	-1	36
Receptor_148	Offsite Worker	372178	757760	5	4	-1	36
Receptor_149	Offsite Worker	372177	757670	5	4	-1	36
Receptor_15	Recreational	366839	756632	3	3	0	36
Receptor_150	Offsite Worker	372176	757579	5	4	-1	36
Receptor_151	Offsite Worker	372174	757489	5	4	-1	36
Receptor_152	Offsite Worker	372173	757398	5	4	-1	36
Receptor_153	Offsite Worker	372171	757308	5	4	0	36
Receptor_154	Offsite Worker	372055	757309	5	5	-1	36
Receptor_155	Residential	372055	757363	5	5	-1	36
Receptor_156	Offsite Worker	372055	757416	5	5	-1	36
Receptor_157	Offsite Worker	371952	757442	6	5	-1	36
Receptor_158	Offsite Worker	371950	757345	7	5	-2	35
Receptor_159	Offsite Worker	371864	757344	8	5	-3	34
Receptor_16	Recreational	366800	756720	3	3	0	36
Receptor_160	Offsite Worker	371790	757347	8	5	-3	34
Receptor_161	Offsite Worker	371708	757356	8	6	-2	35
Receptor_162	Offsite Worker	371615	757356	7	6	-2	35
Receptor_163	Offsite Worker	371523	757356	8	6	-2	35
Receptor_164	Offsite Worker	371430	757356	8	7	-2	35
Receptor_165	Offsite Worker	371338	757356	9	7	-2	35
Receptor_166	Offsite Worker	371245	757356	10	8	-2	35
Receptor_167	Offsite Worker	371153	757356	10	8	-2	34
Receptor_168	Offsite Worker	371061	757356	11	9	-2	34
Receptor_169	Offsite Worker	371005	757357	12	10	-2	35
Receptor_17	Recreational	366762	756809	3	3	0	36
Receptor_170	Offsite Worker	370998	757293	13	10	-3	34
Receptor_171	Offsite Worker	370998	757194	13	10	-3	33
Receptor_172	Offsite Worker	370998	757096	15	11	-4	32
Receptor_173	Offsite Worker	370998	756998	18	12	-5	31
Receptor_174	Offsite Worker	371057	756997	14	10	-4	32
Receptor_175	Offsite Worker	371153	756997	12	9	-3	33
Receptor_176	Offsite Worker	371249	756997	13	10	-3	34
Receptor_177	Offsite Worker	371345	756997	10	9	-2	35
Receptor_178	Offsite Worker	371440	756997	9	7	-2	35
Receptor_179	Offsite Worker	371536	756997	8	6	-2	35
Receptor_18	Recreational	366723	756897	3	3	0	36
Receptor_180	Offsite Worker	371632	756997	7	5	-2	35
Receptor_181	Offsite Worker	371728	756997	7	5	-2	35

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	6	4	-2	35
Receptor_183	Offsite Worker	371920	756997	5	4	-1	35
Receptor_184	Offsite Worker	372016	756997	5	4	-1	35
Receptor_185	Offsite Worker	372111	756997	5	4	-1	36
Receptor_186	Offsite Worker	372207	756997	4	4	0	36
Receptor_187	Offsite Worker	372303	756997	4	4	0	36
Receptor_188	Offsite Worker	372399	756997	4	4	0	36
Receptor_189	Offsite Worker	372495	756997	4	5	1	38
Receptor_19	Recreational	366685	756985	3	2	0	36
Receptor_190	Offsite Worker	372591	756997	4	5	1	38
Receptor_191	Offsite Worker	372610	757063	4	5	1	37
Receptor_192	Offsite Worker	372612	757132	3	4	0	37
Receptor_193	Offsite Worker	372614	757201	3	3	0	36
Receptor_194	Offsite Worker	372616	757270	3	3	0	36
Receptor_195	Offsite Worker	372627	757351	3	3	0	36
Receptor_196	Offsite Worker	372651	757422	3	3	0	36
Receptor_197	Offsite Worker	372676	757494	3	3	0	36
Receptor_198	Offsite Worker	372704	757569	4	3	0	36
Receptor_199	Offsite Worker	372733	757645	4	3	0	36
Receptor_2	Recreational	367340	755485	3	3	0	37
Receptor_20	Recreational	366646	757074	2	2	0	36
Receptor_200	Offsite Worker	372746	757702	4	3	0	36
Receptor_201	Offsite Worker	372746	757768	4	3	0	36
Receptor_202	Offsite Worker	372807	757781	4	3	0	36
Receptor_203	Offsite Worker	372901	757782	3	4	0	37
Receptor_204	Offsite Worker	372994	757783	3	4	0	37
Receptor_205	Offsite Worker	373087	757783	3	4	1	37
Receptor_206	Offsite Worker	373180	757784	3	4	1	37
Receptor_207	Offsite Worker	373274	757785	3	3	1	37
Receptor_208	Offsite Worker	373367	757786	3	3	1	37
Receptor_209	Offsite Worker	373418	757742	2	3	1	37
Receptor_21	Recreational	366607	757162	2	2	0	36
Receptor_210	Offsite Worker	373418	757653	2	3	1	37
Receptor_211	Offsite Worker	373419	757564	2	3	1	37
Receptor_212	Offsite Worker	373419	757475	2	3	0	37
Receptor_213	Offsite Worker	373420	757386	3	3	0	37
Receptor_214	Offsite Worker	373420	757297	3	3	0	37
Receptor_215	Offsite Worker	373421	757207	3	3	0	37
Receptor_216	Offsite Worker	373421	757118	3	3	0	37
Receptor_217	Offsite Worker	373292	757117	3	3	0	37
Receptor_218	Offsite Worker	373213	757118	3	3	0	37
Receptor_219	Offsite Worker	373158	757066	3	3	0	36
Receptor_22	Recreational	366569	757250	2	2	0	37
Receptor_220	Offsite Worker	373084	757026	3	3	0	36
Receptor_221	Offsite Worker	373009	757011	4	3	-1	36
Receptor_222	Offsite Worker	372922	757009	4	3	-1	36

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	3	3	0	37
Receptor_224	Offsite Worker	372747	757006	3	4	0	37
Receptor_225	Offsite Worker	372660	757004	4	4	1	37
Receptor_226	Offsite Worker	372651	757063	4	5	1	38
Receptor_227	Offsite Worker	372629	756931	4	4	0	37
Receptor_228	Offsite Worker	372631	756857	4	5	0	37
Receptor_229	Offsite Worker	372634	756783	4	4	0	37
Receptor_23	Recreational	366530	757338	2	2	0	37
Receptor_230	Offsite Worker	372702	756778	4	4	0	37
Receptor_231	Offsite Worker	372756	756775	4	4	0	37
Receptor_232	Offsite Worker	372729	756712	4	4	1	37
Receptor_233	Offsite Worker	372703	756650	4	5	1	37
Receptor_234	Offsite Worker	372677	756588	5	6	1	38
Receptor_235	Offsite Worker	372619	756588	5	6	1	38
Receptor_236	Offsite Worker	372622	756509	5	7	2	39
Receptor_237	Offsite Worker	372700	756511	5	6	1	38
Receptor_238	Offsite Worker	372789	756510	4	5	1	37
Receptor_239	Offsite Worker	372871	756509	4	5	1	38
Receptor_24	Recreational	366492	757427	2	2	0	37
Receptor_240	Offsite Worker	372871	756437	4	5	1	38
Receptor_241	Offsite Worker	372970	756437	4	5	1	37
Receptor_242	Offsite Worker	373069	756437	4	4	1	37
Receptor_243	Offsite Worker	373168	756437	3	4	0	37
Receptor_244	Offsite Worker	373267	756437	3	4	0	37
Receptor_245	Offsite Worker	373412	756437	3	3	0	37
Receptor_246	Offsite Worker	373409	756339	3	3	0	36
Receptor_247	Offsite Worker	373406	756240	3	3	0	36
Receptor_248	Offsite Worker	373403	756142	4	3	0	36
Receptor_249	Offsite Worker	373400	756042	4	3	-1	36
Receptor_25	Recreational	366453	757515	2	2	0	37
Receptor_250	Offsite Worker	373397	755944	3	3	0	36
Receptor_251	Offsite Worker	373393	755846	3	3	0	37
Receptor_252	Offsite Worker	373390	755747	2	2	0	37
Receptor_253	Offsite Worker	373309	755744	3	2	0	36
Receptor_254	Offsite Worker	373229	755743	3	3	0	36
Receptor_255	Offsite Worker	373143	755741	3	3	0	36
Receptor_256	Offsite Worker	373143	755823	3	3	-1	36
Receptor_257	Offsite Worker	373143	755906	4	3	-1	35
Receptor_258	Offsite Worker	373065	755906	5	3	-2	35
Receptor_259	Offsite Worker	373065	755827	4	3	-2	35
Receptor_26	Recreational	366415	757603	2	2	0	37
Receptor_260	Offsite Worker	373068	755733	3	3	0	36
Receptor_261	Offsite Worker	373007	755733	3	3	-1	36
Receptor_262	Offsite Worker	372941	755733	3	3	-1	36
Receptor_263	Offsite Worker	372941	755636	3	2	0	36
Receptor_264	Offsite Worker	372941	755539	3	2	0	36

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	3	2	-1	36
Receptor_266	Offsite Worker	372913	755342	2	2	-1	36
Receptor_267	Offsite Worker	372817	755346	3	2	-1	36
Receptor_268	Offsite Worker	372720	755349	3	2	-1	36
Receptor_269	Offsite Worker	372624	755352	3	2	-1	35
Receptor_27	Recreational	366376	757692	2	2	0	37
Receptor_270	Offsite Worker	372527	755349	3	2	-1	36
Receptor_271	Offsite Worker	372431	755353	4	2	-2	34
Receptor_272	Offsite Worker	372334	755356	6	3	-3	34
Receptor_273	Offsite Worker	372237	755359	5	3	-2	35
Receptor_274	Offsite Worker	372141	755362	5	3	-1	35
Receptor_275	Offsite Worker	372044	755366	5	3	-2	35
Receptor_276	Offsite Worker	371948	755369	5	3	-2	35
Receptor_277	Offsite Worker	371851	755372	5	3	-2	35
Receptor_278	Offsite Worker	371755	755375	4	3	-1	35
Receptor_279	Offsite Worker	371658	755378	4	3	-1	36
Receptor_28	Residential	366338	757780	2	2	0	37
Receptor_280	Offsite Worker	371562	755382	4	4	0	36
Receptor_281	Offsite Worker	371465	755385	4	3	-1	36
Receptor_282	Offsite Worker	371368	755388	5	4	-1	36
Receptor_283	Offsite Worker	371272	755391	4	3	0	36
Receptor_284	Offsite Worker	371175	755395	4	3	0	36
Receptor_285	Offsite Worker	371079	755398	4	3	-1	36
Receptor_286	Offsite Worker	371042	755478	4	3	-1	36
Receptor_287	Offsite Worker	371009	755538	4	3	-1	36
Receptor_288	Offsite Worker	370975	755597	4	4	-1	36
Receptor_289	Offsite Worker	370925	755597	5	4	-1	36
Receptor_29	Residential	366402	757746	2	2	0	37
Receptor_290	Offsite Worker	370860	755547	5	4	-1	36
Receptor_291	Offsite Worker	370796	755497	5	5	0	36
Receptor_292	Offsite Worker	370733	755428	5	4	-1	36
Receptor_293	Offsite Worker	370634	755428	6	5	-1	36
Receptor_294	Offsite Worker	370536	755428	7	7	-1	36
Receptor_295	Offsite Worker	370437	755428	8	7	-1	36
Receptor_296	Offsite Worker	370338	755427	9	7	-2	35
Receptor_297	Residential	370239	755427	9	7	-2	35
Receptor_298	Residential	370138	755427	9	7	-2	35
Receptor_299	Residential	370040	755427	8	6	-2	35
Receptor_3	Recreational	367301	755573	3	3	0	37
Receptor_30	Residential	366467	757713	2	2	0	37
Receptor_300	Residential	369941	755426	8	6	-2	35
Receptor_301	Residential	369842	755426	8	6	-2	35
Receptor_302	School	369741	755435	8	6	-2	35
Receptor_303	School	369643	755434	8	6	-2	35
Receptor_304	Residential	369544	755434	8	6	-2	34
Receptor_305	Residential	369445	755434	8	6	-2	35

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	7	6	-2	35
Receptor_307	Offsite Worker	369249	755442	6	5	-1	36
Receptor_308	Offsite Worker	369151	755442	5	5	0	37
Receptor_309	Offsite Worker	369052	755442	5	5	0	36
Receptor_31	Residential	366531	757679	2	2	0	37
Receptor_310	Residential	368953	755441	5	4	-1	36
Receptor_311	Residential	368854	755441	5	4	-1	36
Receptor_312	Residential	368755	755441	5	4	-1	36
Receptor_313	Residential	368657	755441	5	4	-1	36
Receptor_314	Residential	368558	755440	5	4	-1	36
Receptor_315	Residential	368459	755440	5	4	-1	36
Receptor_316	Residential	368360	755440	5	4	-1	36
Receptor_317	Residential	368262	755439	4	4	0	36
Receptor_318	Residential	368186	755427	4	4	0	36
Receptor_319	Residential	368111	755414	4	4	0	36
Receptor_32	Residential	366567	757773	2	2	0	37
Receptor_320	Offsite Worker	368035	755402	4	4	0	36
Receptor_321	Offsite Worker	367960	755389	4	4	0	36
Receptor_322	Offsite Worker	367863	755390	4	4	0	37
Receptor_323	Offsite Worker	367766	755392	4	4	0	37
Receptor_324	Offsite Worker	367669	755393	3	4	0	37
Receptor_325	Offsite Worker	367572	755394	3	3	0	37
Receptor_326	Offsite Worker	367475	755395	3	3	0	37
Receptor_327	On-Site Occupational	370400	756850	25	15	-10	26
Receptor_33	Residential	366625	757758	2	2	0	37
Receptor_34	Residential	366682	757744	2	2	0	37
Receptor_35	Residential	366768	757788	2	2	0	37
Receptor_36	Residential	366854	757833	2	3	0	37
Receptor_37	Residential	366941	757877	3	3	0	37
Receptor_38	Residential	367027	757922	3	3	0	36
Receptor_39	Residential	367113	757966	3	3	0	36
Receptor_4	Recreational	367263	755661	3	3	0	37
Receptor_40	Residential	367192	757916	3	3	0	36
Receptor_41	Residential	367264	757916	3	3	0	36
Receptor_42	Residential	367335	757916	3	3	0	36
Receptor_43	Residential	367343	757966	3	3	0	36
Receptor_44	Residential	367404	757995	3	3	0	36
Receptor_45	Residential	367465	758024	3	3	0	36
Receptor_46	School	367504	757948	3	3	0	36
Receptor_47	School	367544	757873	3	3	0	36
Receptor_48	School	367587	757909	3	3	0	36
Receptor_49	School	367623	757866	3	3	0	36
Receptor_5	Recreational	367224	755749	3	3	0	37
Receptor_50	School	367694	757866	3	3	0	36
Receptor_51	School	367716	757927	3	3	0	36
Receptor_52	School	367737	757988	3	3	0	36

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	3	3	0	36
Receptor_54	School	367716	758146	3	2	0	36
Receptor_55	Residential	367673	758189	2	2	0	36
Receptor_56	School	367723	758254	2	2	0	36
Receptor_57	School	367784	758221	2	2	0	36
Receptor_58	School	367845	758189	2	2	0	36
Receptor_59	Residential	367816	758096	3	2	0	36
Receptor_6	Recreational	367186	755838	2	3	0	37
Receptor_60	Residential	367898	758066	3	2	0	36
Receptor_61	Residential	367980	758035	3	3	0	36
Receptor_62	Residential	368062	758005	3	3	0	36
Receptor_63	Residential	368144	757975	3	3	0	36
Receptor_64	Residential	368226	757945	3	3	0	36
Receptor_65	Residential	368301	757943	3	3	0	36
Receptor_66	Residential	368376	757941	3	3	0	37
Receptor_67	Residential	368452	757940	3	3	0	37
Receptor_68	Residential	368527	757938	3	3	0	37
Receptor_69	Residential	368563	757880	3	3	0	37
Receptor_7	Recreational	367147	755926	2	2	0	37
Receptor_70	Residential	368636	757926	3	3	0	36
Receptor_71	Residential	368709	757971	3	3	0	36
Receptor_72	Residential	368782	758017	3	3	0	36
Receptor_73	Residential	368855	758062	3	3	0	36
Receptor_74	Residential	368928	758108	3	3	0	36
Receptor_75	Residential	369001	758153	3	3	0	36
Receptor_76	Residential	369058	758074	3	3	0	36
Receptor_77	Residential	369102	758103	3	3	0	36
Receptor_78	Residential	369145	758132	3	3	0	36
Receptor_79	Residential	369200	758065	3	3	0	36
Receptor_8	Recreational	367109	756014	2	2	0	37
Receptor_80	Residential	369255	757998	3	3	0	36
Receptor_81	Residential	369310	757931	4	3	0	36
Receptor_82	Residential	369356	757981	3	3	0	36
Receptor_83	Residential	369403	758031	4	3	0	36
Receptor_84	Recreational	369336	758100	3	3	0	36
Receptor_85	Recreational	369269	758170	3	3	0	36
Receptor_86	Recreational	369202	758239	3	3	0	36
Receptor_87	Recreational	369264	758285	3	3	0	37
Receptor_88	Recreational	369326	758330	2	3	0	37
Receptor_89	Recreational	369389	758376	3	2	0	36
Receptor_9	Recreational	367070	756103	2	2	0	37
Receptor_90	Recreational	369389	758462	3	2	0	36
Receptor_91	Recreational	369389	758548	3	2	0	36
Receptor_92	Residential	369389	758634	2	2	0	36
Receptor_93	Residential	369469	758630	3	2	-1	36
Receptor_94	Residential	369549	758625	3	2	-1	36

Table 31							
LAX SPAS							IFRW Flight Rule
Operational Concentrations				PM2.5, 24-Hour Averaging Time			
11/14/2012 Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	3	2	-1	36
Receptor_96	Residential	369710	758617	3	2	-1	36
Receptor_97	Residential	369791	758613	3	3	-1	36
Receptor_98	Residential	369791	758514	3	3	-1	36
Receptor_99	Residential	369791	758416	4	3	-1	36

Table 32										IFRW Flight Rule			
LAX SPAS										PM2.5, 24-Hour Averaging Time			
Operational Concentrations													
11/14/2012													
Peak Values of Average Concentrations				Peak Project Concentrations				Total Concentration (NAAQS)					
24-Hour PM2.5		Location		24-Hour PM2.5		Location		24-Hour PM2.5		Location			
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)		
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative					
Residential	8.96	370239	755427	Residential	0.24	371559	758230	Residential	36.79	371559	758230		
School	8.41	369741	755435	School	-0.08	367723	758254	School	36.47	367723	758254		
Offsite Worker	17.73	370998	756998	Offsite Worker	2.11	372622	756509	Offsite Worker	38.66	372622	756509		
Recreational	3.05	369336	758100	Recreational	0.41	367186	755838	Recreational	36.96	367186	755838		
On-Site Occupational	25.34	370400	756850	On-Site Occupational	-10.05	370400	756850	On-Site Occupational	26.50	370400	756850		
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative					
Residential	7.32	370239	755427										
School	6.47	369741	755435										
Offsite Worker	12.36	370998	756998										
Recreational	3.13	367379	755396										
On-Site Occupational	15.29	370400	756850										
Notes:													
Average concentration is modeled output from AERMOD, version 12060.													
Project concentration is difference between given alternative and baseline (project increment).													
Total concentration is project concentration plus monitored background concentration.													
24-hour PM2.5 standard only applicable to NAAQS primary standard.													

Table 33										
Staff-Recommended Alternative (SRA)										
Note: 3,000,000 m should be added to Y (m) location values to get full UTM Northing (m) coordinate in 1984 WGS.										
Peak Concentrations					CAAQS Significance					
Pollutant	Averaging Time	Concentration (ug/m3)	Location		Pollutant	Averaging Time	Concentration (ug/m3)	Threshold (ug/m3)	Significant?	
			X (m)	Y (m)						
CO	1-hr	3,154	368563	757880	CO	1-hr	5,803	23,000	No	
	8-hr	1,281	370400	756850		8-hr	3,199	10,000	No	
NO2	1-hr	877	372677	756588	NO2	1-hr	533	339	Yes	
	1-hr NAAQS	532	372622	756509		Annual	43	57	No	
	Annual	70	372622	756509	SO2	1-hr	224	655	No	
SO2	1-hr	383	372700	756511		24-hr	30	105	No	
	1-hr NAAQS	247	372622	756509						
	3-hr	209	372622	756509	NAAQS Significance					
	24-hr	46	372622	756509	Pollutant	Averaging Time	Concentration (ug/m3)	Threshold (ug/m3)	Significant?	
	Annual	18	372622	756509						
PM10	24-hr	42	370400	756850	CO	1-hr	5,803	40,000	No	
	Annual	24	370400	756850		8-hr	2,764	10,000	No	
PM2.5	24-hr	15	370400	756850	NO2	1-hr	279	188	Yes	
	Annual	9	370400	756850		Annual	43	100	No	
Incremental Concentrations					SO2	1-hr	119	196	No	
Pollutant	Averaging Time	Concentration (ug/m3)	Location			3-hr	91	1,300	No	
			X (m)	Y (m)		24-hr	30	366	No	
CO	1-hr	1,222	368376	757941		Annual	9	79	No	
	8-hr	302	370239	755427	SCAQMD Significance					
NO2	1-hr	356	372677	756588	Pollutant	Averaging Time	Concentration (ug/m3)	Threshold (ug/m3)	Significant?	
	1-hr NAAQS	155	372622	756509						
	Annual	17	371026	757794	PM10	24-hr	2.3	2.5	No	
SO2	1-hr	158	372622	756509	PM2.5	24-hr	0.8	2.5	No	
	1-hr NAAQS	82	370975	757794						
	3-hr	81	372622	756509						
	24-hr	14	371026	757794						
	Annual	6	371026	757794						
PM10	24-hr	2	373367	757786						
	Annual	1	373180	757784						
PM2.5	24-hr	1	372871	756437						
	Annual	1	372622	756509						
Total Concentrations										
Pollutant	Averaging Time	CAAQS (ug/m3)	NAAQS (ug/m3)							
CO	1-hr	5,803	5,803							
	8-hr	3,199	2,764							
NO2	1-hr	533	279							
	Annual	43	43							
SO2	1-hr	224	119							
	3-hr	N/A	91							
	24-hr	30	30							
	Annual	N/A	9							
Note:										
The 1971 SO2 national standards (24-hour and annual) were revoked on June 22, 2010; however, they will remain in effect until one year after an area is designated for the 2010 standard. Since the USEPA has not yet designated areas for the 2010 standard, the revoked SO2 standards are still included in this analysis.										

Table 34							
LAX SPAS						VisW Flight Rule	
Operational Concentrations						CO, 1-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	1,037	1,239	202	4,783
Receptor_10	Recreational	367032	756191	1,033	1,301	268	4,849
Receptor_100	Residential	369791	758318	1,623	1,649	26	4,607
Receptor_101	Residential	369881	758318	1,557	1,501	-56	4,524
Receptor_102	Residential	369972	758318	1,488	1,504	16	4,596
Receptor_103	Residential	370062	758318	1,467	1,485	17	4,598
Receptor_104	Residential	370153	758318	1,530	1,396	-133	4,447
Receptor_105	Residential	370243	758318	1,542	1,383	-159	4,421
Receptor_106	School	370247	758254	1,594	1,425	-170	4,411
Receptor_107	School	370250	758189	1,685	1,471	-213	4,368
Receptor_108	School	370308	758196	1,663	1,492	-171	4,410
Receptor_109	School	370361	758236	1,667	1,474	-193	4,388
Receptor_11	Recreational	366993	756279	1,014	1,390	376	4,957
Receptor_110	School	370415	758275	1,630	1,451	-179	4,402
Receptor_111	Residential	370408	758347	1,570	1,403	-167	4,414
Receptor_112	Residential	370490	758344	1,592	1,412	-180	4,401
Receptor_113	Residential	370572	758341	1,623	1,417	-206	4,375
Receptor_114	Residential	370654	758338	1,608	1,434	-174	4,407
Receptor_115	Residential	370735	758335	1,536	1,495	-40	4,540
Receptor_116	Residential	370817	758333	1,504	1,501	-3	4,578
Receptor_117	Offsite Worker	370814	758243	1,548	1,543	-5	4,576
Receptor_118	Offsite Worker	370810	758153	1,586	1,554	-33	4,548
Receptor_119	Offsite Worker	370807	758063	1,722	1,580	-142	4,439
Receptor_12	Recreational	366954	756367	974	1,385	411	4,992
Receptor_120	Offsite Worker	370803	757974	1,898	1,654	-244	4,337
Receptor_121	Offsite Worker	370835	757927	1,972	1,702	-270	4,311
Receptor_122	Offsite Worker	370868	757880	1,990	1,770	-221	4,360
Receptor_123	Offsite Worker	370921	757884	1,898	1,829	-69	4,512
Receptor_124	Offsite Worker	370975	757887	1,891	1,911	20	4,601
Receptor_125	Offsite Worker	370975	757794	2,036	2,212	176	4,757
Receptor_126	Offsite Worker	371026	757794	1,969	2,289	321	4,901
Receptor_127	Offsite Worker	371076	757877	1,875	2,077	202	4,783
Receptor_128	Offsite Worker	371126	757959	1,785	1,912	127	4,708
Receptor_129	Offsite Worker	371119	758031	1,713	1,759	47	4,628
Receptor_13	Recreational	366916	756456	934	1,318	384	4,965
Receptor_130	Residential	371183	758027	1,704	1,801	97	4,678
Receptor_131	Residential	371248	758024	1,634	1,870	236	4,816
Receptor_132	Residential	371326	758075	1,549	1,809	260	4,841
Receptor_133	Residential	371404	758127	1,503	1,723	220	4,801
Receptor_134	Residential	371481	758178	1,456	1,633	177	4,758
Receptor_135	Residential	371559	758230	1,408	1,553	145	4,726
Receptor_136	Residential	371637	758281	1,360	1,482	122	4,703
Receptor_137	Residential	371715	758333	1,312	1,407	95	4,676
Receptor_138	Residential	371769	758261	1,277	1,395	117	4,698
Receptor_139	Residential	371822	758189	1,300	1,498	198	4,779

Table 34							
LAX SPAS							VisW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	938	1,313	375	4,955
Receptor_140	Residential	371894	758160	1,456	1,488	32	4,613
Receptor_141	Residential	371894	758081	1,522	1,611	89	4,670
Receptor_142	Residential	371959	758074	1,482	1,589	107	4,688
Receptor_143	Offsite Worker	371953	757977	1,488	1,581	93	4,674
Receptor_144	Offsite Worker	371948	757880	1,388	1,612	224	4,805
Receptor_145	Offsite Worker	371943	757783	1,472	1,544	72	4,653
Receptor_146	Offsite Worker	372016	757794	1,402	1,447	44	4,625
Receptor_147	Offsite Worker	372102	757791	1,342	1,318	-25	4,556
Receptor_148	Offsite Worker	372178	757760	1,291	1,221	-70	4,511
Receptor_149	Offsite Worker	372177	757670	1,263	1,229	-33	4,547
Receptor_15	Recreational	366839	756632	947	1,241	293	4,874
Receptor_150	Offsite Worker	372176	757579	1,291	1,221	-71	4,510
Receptor_151	Offsite Worker	372174	757489	1,409	1,298	-111	4,469
Receptor_152	Offsite Worker	372173	757398	1,509	1,382	-127	4,454
Receptor_153	Offsite Worker	372171	757308	1,451	1,471	20	4,601
Receptor_154	Offsite Worker	372055	757309	1,564	1,481	-83	4,498
Receptor_155	Residential	372055	757363	1,599	1,490	-108	4,473
Receptor_156	Offsite Worker	372055	757416	1,526	1,434	-92	4,489
Receptor_157	Offsite Worker	371952	757442	1,432	1,468	35	4,616
Receptor_158	Offsite Worker	371950	757345	1,686	1,588	-98	4,483
Receptor_159	Offsite Worker	371864	757344	1,685	1,664	-21	4,560
Receptor_16	Recreational	366800	756720	949	1,124	176	4,757
Receptor_160	Offsite Worker	371790	757347	1,633	1,722	89	4,670
Receptor_161	Offsite Worker	371708	757356	1,633	1,777	144	4,724
Receptor_162	Offsite Worker	371615	757356	1,624	1,874	250	4,831
Receptor_163	Offsite Worker	371523	757356	1,697	1,980	282	4,863
Receptor_164	Offsite Worker	371430	757356	1,794	2,100	305	4,886
Receptor_165	Offsite Worker	371338	757356	1,894	2,235	341	4,922
Receptor_166	Offsite Worker	371245	757356	1,954	2,398	443	5,024
Receptor_167	Offsite Worker	371153	757356	2,092	2,585	493	5,074
Receptor_168	Offsite Worker	371061	757356	2,239	2,799	560	5,141
Receptor_169	Offsite Worker	371005	757357	2,324	2,944	621	5,201
Receptor_17	Recreational	366762	756809	944	1,007	63	4,643
Receptor_170	Offsite Worker	370998	757293	2,489	3,106	617	5,197
Receptor_171	Offsite Worker	370998	757194	2,455	2,845	390	4,971
Receptor_172	Offsite Worker	370998	757096	2,747	2,571	-176	4,405
Receptor_173	Offsite Worker	370998	756998	3,325	2,251	-1,074	3,506
Receptor_174	Offsite Worker	371057	756997	2,787	2,146	-641	3,940
Receptor_175	Offsite Worker	371153	756997	2,338	2,120	-218	4,363
Receptor_176	Offsite Worker	371249	756997	2,610	2,154	-456	4,125
Receptor_177	Offsite Worker	371345	756997	2,500	2,116	-385	4,196
Receptor_178	Offsite Worker	371440	756997	2,069	2,025	-44	4,537
Receptor_179	Offsite Worker	371536	756997	1,974	2,017	43	4,624
Receptor_18	Recreational	366723	756897	921	1,048	126	4,707

Table 34							VisW Flight Rule
LAX SPAS							CO, 1-Hour Averaging Time
Operational Concentrations							
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAAQs) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	1,937	1,973	36	4,616
Receptor_181	Offsite Worker	371728	756997	1,846	1,872	26	4,607
Receptor_182	Offsite Worker	371824	756997	1,706	1,736	30	4,611
Receptor_183	Offsite Worker	371920	756997	1,536	1,583	47	4,628
Receptor_184	Offsite Worker	372016	756997	1,404	1,716	312	4,893
Receptor_185	Offsite Worker	372111	756997	1,395	1,673	277	4,858
Receptor_186	Offsite Worker	372207	756997	1,382	1,397	15	4,595
Receptor_187	Offsite Worker	372303	756997	1,367	1,467	100	4,681
Receptor_188	Offsite Worker	372399	756997	1,344	1,351	8	4,588
Receptor_189	Offsite Worker	372495	756997	1,313	1,256	-57	4,524
Receptor_19	Recreational	366685	756985	894	1,123	228	4,809
Receptor_190	Offsite Worker	372591	756997	1,277	1,333	56	4,637
Receptor_191	Offsite Worker	372610	757063	1,237	1,126	-111	4,470
Receptor_192	Offsite Worker	372612	757132	1,189	1,124	-65	4,516
Receptor_193	Offsite Worker	372614	757201	1,154	1,141	-13	4,568
Receptor_194	Offsite Worker	372616	757270	1,134	1,147	13	4,593
Receptor_195	Offsite Worker	372627	757351	1,140	1,200	60	4,641
Receptor_196	Offsite Worker	372651	757422	1,185	1,236	51	4,632
Receptor_197	Offsite Worker	372676	757494	1,202	1,239	37	4,618
Receptor_198	Offsite Worker	372704	757569	1,216	1,210	-6	4,575
Receptor_199	Offsite Worker	372733	757645	1,229	1,154	-75	4,506
Receptor_2	Recreational	367340	755485	987	1,214	227	4,807
Receptor_20	Recreational	366646	757074	913	1,170	257	4,838
Receptor_200	Offsite Worker	372746	757702	1,216	1,093	-123	4,458
Receptor_201	Offsite Worker	372746	757768	1,168	1,065	-103	4,477
Receptor_202	Offsite Worker	372807	757781	1,160	1,049	-111	4,470
Receptor_203	Offsite Worker	372901	757782	1,159	1,081	-78	4,503
Receptor_204	Offsite Worker	372994	757783	1,139	1,117	-23	4,558
Receptor_205	Offsite Worker	373087	757783	1,103	1,133	31	4,612
Receptor_206	Offsite Worker	373180	757784	1,058	1,132	74	4,655
Receptor_207	Offsite Worker	373274	757785	1,010	1,117	107	4,687
Receptor_208	Offsite Worker	373367	757786	962	1,090	128	4,709
Receptor_209	Offsite Worker	373418	757742	902	1,038	136	4,717
Receptor_21	Recreational	366607	757162	948	1,189	241	4,822
Receptor_210	Offsite Worker	373418	757653	887	976	90	4,671
Receptor_211	Offsite Worker	373419	757564	924	981	58	4,638
Receptor_212	Offsite Worker	373419	757475	952	984	32	4,613
Receptor_213	Offsite Worker	373420	757386	967	1,017	50	4,631
Receptor_214	Offsite Worker	373420	757297	985	1,052	68	4,648
Receptor_215	Offsite Worker	373421	757207	1,006	1,145	139	4,720
Receptor_216	Offsite Worker	373421	757118	1,032	1,173	141	4,722
Receptor_217	Offsite Worker	373292	757117	1,055	1,218	163	4,743
Receptor_218	Offsite Worker	373213	757118	1,069	1,228	159	4,740
Receptor_219	Offsite Worker	373158	757066	1,102	1,292	190	4,770
Receptor_22	Recreational	366569	757250	967	1,184	217	4,798

Table 34							
LAX SPAS							VisW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	1,144	1,348	204	4,784
Receptor_221	Offsite Worker	373009	757011	1,171	1,382	211	4,792
Receptor_222	Offsite Worker	372922	757009	1,172	1,392	220	4,801
Receptor_223	Offsite Worker	372835	757007	1,192	1,423	232	4,813
Receptor_224	Offsite Worker	372747	757006	1,223	1,441	218	4,799
Receptor_225	Offsite Worker	372660	757004	1,253	1,364	111	4,692
Receptor_226	Offsite Worker	372651	757063	1,227	1,133	-94	4,487
Receptor_227	Offsite Worker	372629	756931	1,287	1,633	346	4,927
Receptor_228	Offsite Worker	372631	756857	1,304	1,746	442	5,023
Receptor_229	Offsite Worker	372634	756783	1,457	1,871	415	4,995
Receptor_23	Recreational	366530	757338	967	1,163	196	4,777
Receptor_230	Offsite Worker	372702	756778	1,477	1,853	376	4,957
Receptor_231	Offsite Worker	372756	756775	1,492	1,830	338	4,918
Receptor_232	Offsite Worker	372729	756712	1,676	1,938	262	4,842
Receptor_233	Offsite Worker	372703	756650	1,905	2,177	272	4,853
Receptor_234	Offsite Worker	372677	756588	2,136	2,427	291	4,872
Receptor_235	Offsite Worker	372619	756588	2,232	2,579	347	4,928
Receptor_236	Offsite Worker	372622	756509	2,343	2,930	586	5,167
Receptor_237	Offsite Worker	372700	756511	2,006	2,707	701	5,281
Receptor_238	Offsite Worker	372789	756510	1,939	2,641	702	5,283
Receptor_239	Offsite Worker	372871	756509	1,855	2,547	692	5,273
Receptor_24	Recreational	366492	757427	952	1,135	183	4,764
Receptor_240	Offsite Worker	372871	756437	2,284	3,018	734	5,315
Receptor_241	Offsite Worker	372970	756437	2,087	2,700	613	5,194
Receptor_242	Offsite Worker	373069	756437	1,925	2,445	520	5,101
Receptor_243	Offsite Worker	373168	756437	1,789	2,236	447	5,028
Receptor_244	Offsite Worker	373267	756437	1,674	2,094	420	5,001
Receptor_245	Offsite Worker	373412	756437	1,532	1,924	392	4,973
Receptor_246	Offsite Worker	373409	756339	1,540	1,906	366	4,947
Receptor_247	Offsite Worker	373406	756240	1,534	1,927	393	4,973
Receptor_248	Offsite Worker	373403	756142	1,784	1,825	41	4,621
Receptor_249	Offsite Worker	373400	756042	1,940	1,713	-226	4,354
Receptor_25	Recreational	366453	757515	924	1,119	195	4,775
Receptor_250	Offsite Worker	373397	755944	1,808	1,675	-133	4,448
Receptor_251	Offsite Worker	373393	755846	1,602	1,556	-46	4,535
Receptor_252	Offsite Worker	373390	755747	1,397	1,428	31	4,612
Receptor_253	Offsite Worker	373309	755744	1,397	1,448	51	4,632
Receptor_254	Offsite Worker	373229	755743	1,406	1,473	67	4,648
Receptor_255	Offsite Worker	373143	755741	1,419	1,504	84	4,665
Receptor_256	Offsite Worker	373143	755823	1,580	1,563	-16	4,565
Receptor_257	Offsite Worker	373143	755906	1,807	1,707	-100	4,481
Receptor_258	Offsite Worker	373065	755906	1,826	1,726	-100	4,480
Receptor_259	Offsite Worker	373065	755827	1,635	1,594	-41	4,540
Receptor_26	Recreational	366415	757603	945	1,121	176	4,757
Receptor_260	Offsite Worker	373068	755733	1,404	1,534	130	4,710

Table 34							VisW Flight Rule
LAX SPAS							CO, 1-Hour Averaging Time
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAAQs) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	1,406	1,566	160	4,741
Receptor_262	Offsite Worker	372941	755733	1,412	1,606	194	4,775
Receptor_263	Offsite Worker	372941	755636	1,450	1,552	101	4,682
Receptor_264	Offsite Worker	372941	755539	1,514	1,463	-52	4,529
Receptor_265	Offsite Worker	372941	755442	1,534	1,391	-143	4,438
Receptor_266	Offsite Worker	372913	755342	1,615	1,337	-278	4,303
Receptor_267	Offsite Worker	372817	755346	1,733	1,434	-299	4,282
Receptor_268	Offsite Worker	372720	755349	1,817	1,515	-302	4,279
Receptor_269	Offsite Worker	372624	755352	1,817	1,535	-282	4,299
Receptor_27	Recreational	366376	757692	966	1,114	148	4,729
Receptor_270	Offsite Worker	372527	755349	1,755	1,499	-256	4,325
Receptor_271	Offsite Worker	372431	755353	1,701	1,477	-223	4,357
Receptor_272	Offsite Worker	372334	755356	1,690	1,497	-193	4,388
Receptor_273	Offsite Worker	372237	755359	1,771	1,527	-244	4,337
Receptor_274	Offsite Worker	372141	755362	1,780	1,536	-244	4,337
Receptor_275	Offsite Worker	372044	755366	1,781	1,544	-237	4,344
Receptor_276	Offsite Worker	371948	755369	1,752	1,529	-223	4,358
Receptor_277	Offsite Worker	371851	755372	1,655	1,491	-164	4,417
Receptor_278	Offsite Worker	371755	755375	1,899	1,453	-446	4,135
Receptor_279	Offsite Worker	371658	755378	2,034	1,441	-593	3,988
Receptor_28	Residential	366338	757780	970	1,101	130	4,711
Receptor_280	Offsite Worker	371562	755382	1,839	1,440	-399	4,182
Receptor_281	Offsite Worker	371465	755385	1,703	1,450	-252	4,328
Receptor_282	Offsite Worker	371368	755388	1,668	1,456	-213	4,368
Receptor_283	Offsite Worker	371272	755391	1,611	1,461	-150	4,431
Receptor_284	Offsite Worker	371175	755395	1,805	1,496	-308	4,272
Receptor_285	Offsite Worker	371079	755398	1,785	1,609	-176	4,404
Receptor_286	Offsite Worker	371042	755478	1,866	1,603	-264	4,317
Receptor_287	Offsite Worker	371009	755538	1,925	1,654	-271	4,310
Receptor_288	Offsite Worker	370975	755597	1,980	1,723	-257	4,324
Receptor_289	Offsite Worker	370925	755597	1,848	1,747	-102	4,479
Receptor_29	Residential	366402	757746	982	1,116	134	4,714
Receptor_290	Offsite Worker	370860	755547	1,820	1,932	113	4,693
Receptor_291	Offsite Worker	370796	755497	1,806	2,284	478	5,059
Receptor_292	Offsite Worker	370733	755428	1,844	2,551	707	5,288
Receptor_293	Offsite Worker	370634	755428	2,124	2,825	702	5,283
Receptor_294	Offsite Worker	370536	755428	2,198	2,883	686	5,266
Receptor_295	Offsite Worker	370437	755428	2,325	2,983	657	5,238
Receptor_296	Offsite Worker	370338	755427	2,435	3,029	594	5,174
Receptor_297	Residential	370239	755427	2,454	2,735	280	4,861
Receptor_298	Residential	370138	755427	2,335	2,424	90	4,670
Receptor_299	Residential	370040	755427	2,349	2,361	12	4,593
Receptor_3	Recreational	367301	755573	927	1,275	348	4,929
Receptor_30	Residential	366467	757713	993	1,131	138	4,719
Receptor_300	Residential	369941	755426	2,874	2,125	-749	3,832

Table 34							
LAX SPAS							VisW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	2,321	2,196	-125	4,456
Receptor_302	School	369741	755435	2,170	2,155	-15	4,566
Receptor_303	School	369643	755434	2,200	2,156	-43	4,537
Receptor_304	Residential	369544	755434	2,230	2,153	-77	4,504
Receptor_305	Residential	369445	755434	2,284	2,122	-162	4,418
Receptor_306	Residential	369346	755434	1,948	1,857	-91	4,489
Receptor_307	Offsite Worker	369249	755442	1,911	1,953	42	4,623
Receptor_308	Offsite Worker	369151	755442	1,940	1,969	29	4,609
Receptor_309	Offsite Worker	369052	755442	1,953	1,925	-28	4,553
Receptor_31	Residential	366531	757679	1,001	1,147	145	4,726
Receptor_310	Residential	368953	755441	1,887	1,820	-67	4,514
Receptor_311	Residential	368854	755441	1,754	1,682	-71	4,509
Receptor_312	Residential	368755	755441	1,617	1,540	-77	4,504
Receptor_313	Residential	368657	755441	1,469	1,414	-54	4,526
Receptor_314	Residential	368558	755440	1,463	1,473	10	4,591
Receptor_315	Residential	368459	755440	1,441	1,544	103	4,684
Receptor_316	Residential	368360	755440	1,400	1,590	190	4,770
Receptor_317	Residential	368262	755439	1,359	1,601	242	4,823
Receptor_318	Residential	368186	755427	1,331	1,577	246	4,827
Receptor_319	Residential	368111	755414	1,298	1,543	245	4,826
Receptor_32	Residential	366567	757773	1,018	1,143	125	4,706
Receptor_320	Offsite Worker	368035	755402	1,263	1,504	240	4,821
Receptor_321	Offsite Worker	367960	755389	1,228	1,459	231	4,812
Receptor_322	Offsite Worker	367863	755390	1,177	1,385	208	4,789
Receptor_323	Offsite Worker	367766	755392	1,153	1,346	193	4,774
Receptor_324	Offsite Worker	367669	755393	1,133	1,306	174	4,755
Receptor_325	Offsite Worker	367572	755394	1,105	1,289	184	4,764
Receptor_326	Offsite Worker	367475	755395	1,072	1,267	195	4,776
Receptor_327	On-Site Occupational	370400	756850	3,271	2,307	-964	3,617
Receptor_33	Residential	366625	757758	1,032	1,156	124	4,705
Receptor_34	Residential	366682	757744	1,046	1,170	123	4,704
Receptor_35	Residential	366768	757788	1,052	1,180	128	4,709
Receptor_36	Residential	366854	757833	1,064	1,192	128	4,708
Receptor_37	Residential	366941	757877	1,080	1,206	126	4,706
Receptor_38	Residential	367027	757922	1,071	1,216	145	4,726
Receptor_39	Residential	367113	757966	1,043	1,212	169	4,749
Receptor_4	Recreational	367263	755661	991	1,321	330	4,911
Receptor_40	Residential	367192	757916	1,087	1,264	177	4,757
Receptor_41	Residential	367264	757916	1,089	1,290	200	4,781
Receptor_42	Residential	367335	757916	1,113	1,314	201	4,782
Receptor_43	Residential	367343	757966	1,102	1,278	176	4,757
Receptor_44	Residential	367404	757995	1,114	1,294	181	4,762
Receptor_45	Residential	367465	758024	1,177	1,346	169	4,749
Receptor_46	School	367504	757948	1,146	1,353	207	4,788
Receptor_47	School	367544	757873	1,190	1,433	244	4,825

Table 34							
LAX SPAS							VisW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	1,189	1,420	231	4,811
Receptor_49	School	367623	757866	1,220	1,473	253	4,833
Receptor_5	Recreational	367224	755749	1,015	1,295	280	4,861
Receptor_50	School	367694	757866	1,245	1,511	266	4,847
Receptor_51	School	367716	757927	1,290	1,597	308	4,889
Receptor_52	School	367737	757988	1,347	1,759	412	4,993
Receptor_53	School	367727	758067	1,360	1,855	495	5,076
Receptor_54	School	367716	758146	1,332	1,933	600	5,181
Receptor_55	Residential	367673	758189	1,320	1,901	581	5,162
Receptor_56	School	367723	758254	1,363	2,046	684	5,265
Receptor_57	School	367784	758221	1,395	2,122	727	5,308
Receptor_58	School	367845	758189	1,429	2,202	773	5,354
Receptor_59	Residential	367816	758096	1,388	2,072	684	5,265
Receptor_6	Recreational	367186	755838	1,017	1,205	188	4,769
Receptor_60	Residential	367898	758066	1,443	2,204	762	5,343
Receptor_61	Residential	367980	758035	1,500	2,345	845	5,426
Receptor_62	Residential	368062	758005	1,561	2,500	938	5,519
Receptor_63	Residential	368144	757975	1,627	2,670	1,044	5,624
Receptor_64	Residential	368226	757945	1,697	2,851	1,154	5,734
Receptor_65	Residential	368301	757943	1,760	2,979	1,219	5,800
Receptor_66	Residential	368376	757941	1,811	3,033	1,222	5,803
Receptor_67	Residential	368452	757940	1,841	3,005	1,164	5,745
Receptor_68	Residential	368527	757938	1,847	2,889	1,042	5,623
Receptor_69	Residential	368563	757880	1,956	3,154	1,199	5,780
Receptor_7	Recreational	367147	755926	1,027	1,091	64	4,644
Receptor_70	Residential	368636	757926	1,965	2,605	640	5,221
Receptor_71	Residential	368709	757971	1,783	2,224	442	5,022
Receptor_72	Residential	368782	758017	1,632	2,048	416	4,997
Receptor_73	Residential	368855	758062	1,596	2,133	537	5,118
Receptor_74	Residential	368928	758108	1,509	2,335	826	5,407
Receptor_75	Residential	369001	758153	1,465	2,457	992	5,573
Receptor_76	Residential	369058	758074	1,563	2,641	1,078	5,659
Receptor_77	Residential	369102	758103	1,578	2,570	991	5,572
Receptor_78	Residential	369145	758132	1,569	2,424	855	5,436
Receptor_79	Residential	369200	758065	1,636	2,432	796	5,377
Receptor_8	Recreational	367109	756014	1,015	1,023	9	4,589
Receptor_80	Residential	369255	757998	1,747	2,402	655	5,236
Receptor_81	Residential	369310	757931	1,844	2,502	657	5,238
Receptor_82	Residential	369356	757981	1,729	2,404	675	5,256
Receptor_83	Residential	369403	758031	1,621	2,233	612	5,193
Receptor_84	Recreational	369336	758100	1,596	2,182	586	5,167
Receptor_85	Recreational	369269	758170	1,553	2,036	484	5,064
Receptor_86	Recreational	369202	758239	1,489	2,051	561	5,142
Receptor_87	Recreational	369264	758285	1,453	1,890	437	5,017
Receptor_88	Recreational	369326	758330	1,404	1,861	457	5,038

Table 34							
LAX SPAS							VisW Flight Rule
Operational Concentrations							CO, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAQS) (µg/m³)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	1,341	1,772	431	5,012
Receptor_9	Recreational	367070	756103	1,007	1,149	142	4,722
Receptor_90	Recreational	369389	758462	1,284	1,684	401	4,981
Receptor_91	Recreational	369389	758548	1,286	1,606	319	4,900
Receptor_92	Residential	369389	758634	1,285	1,534	248	4,829
Receptor_93	Residential	369469	758630	1,327	1,441	114	4,695
Receptor_94	Residential	369549	758625	1,302	1,346	44	4,625
Receptor_95	Residential	369630	758621	1,328	1,426	99	4,679
Receptor_96	Residential	369710	758617	1,349	1,474	126	4,707
Receptor_97	Residential	369791	758613	1,385	1,450	65	4,646
Receptor_98	Residential	369791	758514	1,459	1,513	55	4,636
Receptor_99	Residential	369791	758416	1,537	1,579	42	4,623

Table 35										VisW Flight Rule										
LAX SPAS										CO, 1-Hour Averaging Time										
Operational Concentrations										CO, 1-Hour Averaging Time										
11/14/2012 Staff-Recommended Alternative (SRA)																				
Peak Values				Peak Incremental Values				Total Concentration (CAAQS/NAAQS)												
		1-Hour CO		Location				1-Hour CO		Location				1-Hour CO		Location				
Type		(µg/m³)		X (m) Y (m)		Type		(µg/m³)		X (m) Y (m)		Type		(µg/m³)		X (m) Y (m)				
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative												
Residential		2,874		369941		755426	Residential		1,222		368376		757941	Residential		5,803		368376		757941
School		2,200		369643		755434	School		773		367845		758189	School		5,354		367845		758189
Offsite Worker		3,325		370998		756998	Offsite Worker		734		372871		756437	Offsite Worker		5,315		372871		756437
Recreational		1,596		369336		758100	Recreational		586		369336		758100	Recreational		5,167		369336		758100
On-Site Occupational		3,271		370400		756850	On-Site Occupational		-964		370400		756850	On-Site Occupational		3,617		370400		756850
Staff-Recommended Alternative																				
Residential		3,154		368563		757880														
School		2,202		367845		758189														
Offsite Worker		3,106		370998		757293														
Recreational		2,182		369336		758100														
On-Site Occupational		2,307		370400		756850														
Notes:																				
Average concentration is modeled output from AERMOD, version 12060.																				
Project concentration is difference between given alternative and baseline (project increment).																				
Total concentration is project concentration plus monitored background concentration.																				
Background concentration for CAAQS and NAAQS the same for averaging period.																				

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	319	382	63	2,960	2,525
Receptor_10	Recreational	367032	756191	362	506	144	3,041	2,606
Receptor_100	Residential	369791	758318	613	592	-20	2,877	2,442
Receptor_101	Residential	369881	758318	595	614	20	2,917	2,482
Receptor_102	Residential	369972	758318	559	630	71	2,968	2,533
Receptor_103	Residential	370062	758318	570	639	69	2,966	2,531
Receptor_104	Residential	370153	758318	595	641	46	2,943	2,508
Receptor_105	Residential	370243	758318	610	631	21	2,918	2,483
Receptor_106	School	370247	758254	638	656	17	2,915	2,480
Receptor_107	School	370250	758189	669	682	13	2,910	2,475
Receptor_108	School	370308	758196	668	662	-7	2,891	2,455
Receptor_109	School	370361	758236	638	630	-8	2,889	2,454
Receptor_11	Recreational	366993	756279	380	512	132	3,029	2,594
Receptor_110	School	370415	758275	599	598	-1	2,896	2,461
Receptor_111	Residential	370408	758347	568	576	8	2,906	2,471
Receptor_112	Residential	370490	758344	562	572	10	2,907	2,472
Receptor_113	Residential	370572	758341	558	573	16	2,913	2,478
Receptor_114	Residential	370654	758338	559	568	9	2,906	2,471
Receptor_115	Residential	370735	758335	550	557	7	2,904	2,469
Receptor_116	Residential	370817	758333	532	538	6	2,903	2,468
Receptor_117	Offsite Worker	370814	758243	569	572	3	2,900	2,465
Receptor_118	Offsite Worker	370810	758153	613	614	1	2,898	2,463
Receptor_119	Offsite Worker	370807	758063	662	665	2	2,900	2,465
Receptor_12	Recreational	366954	756367	392	511	119	3,016	2,581
Receptor_120	Offsite Worker	370803	757974	717	727	10	2,907	2,472
Receptor_121	Offsite Worker	370835	757927	755	757	2	2,900	2,464
Receptor_122	Offsite Worker	370868	757880	791	787	-4	2,893	2,458
Receptor_123	Offsite Worker	370921	757884	767	754	-12	2,885	2,450
Receptor_124	Offsite Worker	370975	757887	733	737	4	2,902	2,466
Receptor_125	Offsite Worker	370975	757794	771	823	52	2,949	2,514
Receptor_126	Offsite Worker	371026	757794	787	817	31	2,928	2,493
Receptor_127	Offsite Worker	371076	757877	691	736	45	2,942	2,507
Receptor_128	Offsite Worker	371126	757959	638	672	34	2,931	2,496
Receptor_129	Offsite Worker	371119	758031	618	634	16	2,914	2,478
Receptor_13	Recreational	366916	756456	398	505	108	3,005	2,570
Receptor_130	Residential	371183	758027	601	623	22	2,919	2,484
Receptor_131	Residential	371248	758024	589	626	37	2,935	2,500
Receptor_132	Residential	371326	758075	563	593	30	2,928	2,493
Receptor_133	Residential	371404	758127	538	564	26	2,923	2,488
Receptor_134	Residential	371481	758178	517	543	26	2,923	2,488
Receptor_135	Residential	371559	758230	496	524	28	2,925	2,490
Receptor_136	Residential	371637	758281	479	508	29	2,926	2,491
Receptor_137	Residential	371715	758333	462	491	29	2,926	2,491
Receptor_138	Residential	371769	758261	512	550	38	2,935	2,500
Receptor_139	Residential	371822	758189	571	586	15	2,912	2,477

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	399	496	97	2,995	2,559
Receptor_140	Residential	371894	758160	655	578	-77	2,821	2,386
Receptor_141	Residential	371894	758081	740	596	-143	2,754	2,319
Receptor_142	Residential	371959	758074	716	577	-139	2,758	2,323
Receptor_143	Offsite Worker	371953	757977	763	594	-170	2,728	2,292
Receptor_144	Offsite Worker	371948	757880	717	618	-100	2,798	2,362
Receptor_145	Offsite Worker	371943	757783	775	664	-111	2,786	2,351
Receptor_146	Offsite Worker	372016	757794	726	634	-92	2,805	2,370
Receptor_147	Offsite Worker	372102	757791	685	609	-76	2,822	2,387
Receptor_148	Offsite Worker	372178	757760	654	594	-60	2,837	2,402
Receptor_149	Offsite Worker	372177	757670	659	605	-54	2,843	2,408
Receptor_15	Recreational	366839	756632	398	485	87	2,985	2,550
Receptor_150	Offsite Worker	372176	757579	657	604	-53	2,844	2,409
Receptor_151	Offsite Worker	372174	757489	643	591	-52	2,845	2,410
Receptor_152	Offsite Worker	372173	757398	623	623	0	2,898	2,462
Receptor_153	Offsite Worker	372171	757308	606	640	33	2,931	2,496
Receptor_154	Offsite Worker	372055	757309	669	629	-40	2,857	2,422
Receptor_155	Residential	372055	757363	693	617	-76	2,822	2,387
Receptor_156	Offsite Worker	372055	757416	708	624	-85	2,812	2,377
Receptor_157	Offsite Worker	371952	757442	783	678	-105	2,792	2,357
Receptor_158	Offsite Worker	371950	757345	809	655	-154	2,744	2,308
Receptor_159	Offsite Worker	371864	757344	905	698	-207	2,691	2,256
Receptor_16	Recreational	366800	756720	393	474	81	2,979	2,544
Receptor_160	Offsite Worker	371790	757347	934	734	-200	2,697	2,262
Receptor_161	Offsite Worker	371708	757356	926	772	-154	2,743	2,308
Receptor_162	Offsite Worker	371615	757356	953	816	-138	2,760	2,325
Receptor_163	Offsite Worker	371523	757356	1,000	852	-148	2,750	2,314
Receptor_164	Offsite Worker	371430	757356	1,052	887	-164	2,733	2,298
Receptor_165	Offsite Worker	371338	757356	1,111	923	-187	2,710	2,275
Receptor_166	Offsite Worker	371245	757356	1,175	972	-204	2,694	2,258
Receptor_167	Offsite Worker	371153	757356	1,249	1,045	-204	2,693	2,258
Receptor_168	Offsite Worker	371061	757356	1,329	1,153	-176	2,722	2,286
Receptor_169	Offsite Worker	371005	757357	1,380	1,245	-135	2,762	2,327
Receptor_17	Recreational	366762	756809	384	464	81	2,978	2,543
Receptor_170	Offsite Worker	370998	757293	1,460	1,243	-217	2,680	2,245
Receptor_171	Offsite Worker	370998	757194	1,545	1,206	-339	2,558	2,123
Receptor_172	Offsite Worker	370998	757096	1,673	1,016	-656	2,241	1,806
Receptor_173	Offsite Worker	370998	756998	1,929	1,101	-828	2,069	1,634
Receptor_174	Offsite Worker	371057	756997	1,661	1,038	-623	2,274	1,839
Receptor_175	Offsite Worker	371153	756997	1,514	1,007	-507	2,390	1,955
Receptor_176	Offsite Worker	371249	756997	1,625	1,019	-606	2,291	1,856
Receptor_177	Offsite Worker	371345	756997	1,367	933	-433	2,464	2,029
Receptor_178	Offsite Worker	371440	756997	1,127	843	-284	2,613	2,178
Receptor_179	Offsite Worker	371536	756997	975	777	-197	2,700	2,265
Receptor_18	Recreational	366723	756897	369	456	87	2,984	2,549

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	873	745	-128	2,769	2,334
Receptor_181	Offsite Worker	371728	756997	827	704	-123	2,774	2,339
Receptor_182	Offsite Worker	371824	756997	779	675	-104	2,793	2,358
Receptor_183	Offsite Worker	371920	756997	733	646	-86	2,811	2,376
Receptor_184	Offsite Worker	372016	756997	698	616	-81	2,816	2,381
Receptor_185	Offsite Worker	372111	756997	668	656	-12	2,886	2,450
Receptor_186	Offsite Worker	372207	756997	642	637	-4	2,893	2,458
Receptor_187	Offsite Worker	372303	756997	620	642	22	2,919	2,484
Receptor_188	Offsite Worker	372399	756997	598	669	71	2,969	2,533
Receptor_189	Offsite Worker	372495	756997	576	719	143	3,040	2,605
Receptor_19	Recreational	366685	756985	350	448	98	2,996	2,561
Receptor_190	Offsite Worker	372591	756997	572	711	139	3,036	2,601
Receptor_191	Offsite Worker	372610	757063	548	662	114	3,012	2,577
Receptor_192	Offsite Worker	372612	757132	531	610	78	2,976	2,541
Receptor_193	Offsite Worker	372614	757201	517	560	43	2,941	2,505
Receptor_194	Offsite Worker	372616	757270	504	536	31	2,929	2,494
Receptor_195	Offsite Worker	372627	757351	491	537	46	2,943	2,508
Receptor_196	Offsite Worker	372651	757422	478	530	52	2,949	2,514
Receptor_197	Offsite Worker	372676	757494	468	518	51	2,948	2,513
Receptor_198	Offsite Worker	372704	757569	459	501	43	2,940	2,505
Receptor_199	Offsite Worker	372733	757645	456	481	25	2,923	2,488
Receptor_2	Recreational	367340	755485	305	377	73	2,970	2,535
Receptor_20	Recreational	366646	757074	326	438	111	3,009	2,574
Receptor_200	Offsite Worker	372746	757702	461	467	6	2,904	2,468
Receptor_201	Offsite Worker	372746	757768	474	458	-16	2,882	2,447
Receptor_202	Offsite Worker	372807	757781	460	451	-9	2,888	2,453
Receptor_203	Offsite Worker	372901	757782	438	459	21	2,918	2,483
Receptor_204	Offsite Worker	372994	757783	418	458	40	2,937	2,502
Receptor_205	Offsite Worker	373087	757783	400	456	56	2,953	2,518
Receptor_206	Offsite Worker	373180	757784	385	453	68	2,966	2,530
Receptor_207	Offsite Worker	373274	757785	378	453	75	2,972	2,537
Receptor_208	Offsite Worker	373367	757786	372	449	77	2,975	2,540
Receptor_209	Offsite Worker	373418	757742	375	447	71	2,969	2,533
Receptor_21	Recreational	366607	757162	302	423	121	3,018	2,583
Receptor_210	Offsite Worker	373418	757653	389	458	69	2,966	2,531
Receptor_211	Offsite Worker	373419	757564	402	467	65	2,962	2,527
Receptor_212	Offsite Worker	373419	757475	412	470	58	2,955	2,520
Receptor_213	Offsite Worker	373420	757386	418	462	45	2,942	2,507
Receptor_214	Offsite Worker	373420	757297	418	445	27	2,925	2,489
Receptor_215	Offsite Worker	373421	757207	412	435	23	2,920	2,485
Receptor_216	Offsite Worker	373421	757118	417	450	32	2,930	2,495
Receptor_217	Offsite Worker	373292	757117	442	465	23	2,920	2,485
Receptor_218	Offsite Worker	373213	757118	470	469	-1	2,897	2,461
Receptor_219	Offsite Worker	373158	757066	487	481	-6	2,891	2,456
Receptor_22	Recreational	366569	757250	291	403	113	3,010	2,575

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	519	504	-15	2,883	2,448
Receptor_221	Offsite Worker	373009	757011	557	528	-30	2,868	2,433
Receptor_222	Offsite Worker	372922	757009	569	567	-2	2,895	2,460
Receptor_223	Offsite Worker	372835	757007	544	604	61	2,958	2,523
Receptor_224	Offsite Worker	372747	757006	551	642	91	2,988	2,553
Receptor_225	Offsite Worker	372660	757004	562	681	119	3,016	2,581
Receptor_226	Offsite Worker	372651	757063	546	658	112	3,009	2,574
Receptor_227	Offsite Worker	372629	756931	586	718	131	3,029	2,593
Receptor_228	Offsite Worker	372631	756857	603	739	136	3,034	2,598
Receptor_229	Offsite Worker	372634	756783	630	784	154	3,051	2,616
Receptor_23	Recreational	366530	757338	310	396	86	2,983	2,548
Receptor_230	Offsite Worker	372702	756778	618	777	159	3,057	2,621
Receptor_231	Offsite Worker	372756	756775	610	769	159	3,056	2,621
Receptor_232	Offsite Worker	372729	756712	638	848	210	3,107	2,672
Receptor_233	Offsite Worker	372703	756650	672	908	236	3,134	2,698
Receptor_234	Offsite Worker	372677	756588	726	969	242	3,140	2,705
Receptor_235	Offsite Worker	372619	756588	744	988	244	3,142	2,706
Receptor_236	Offsite Worker	372622	756509	852	1,118	267	3,164	2,729
Receptor_237	Offsite Worker	372700	756511	820	1,077	258	3,155	2,720
Receptor_238	Offsite Worker	372789	756510	781	1,019	238	3,136	2,701
Receptor_239	Offsite Worker	372871	756509	739	960	221	3,119	2,683
Receptor_24	Recreational	366492	757427	325	412	87	2,985	2,550
Receptor_240	Offsite Worker	372871	756437	738	943	205	3,102	2,667
Receptor_241	Offsite Worker	372970	756437	671	857	186	3,083	2,648
Receptor_242	Offsite Worker	373069	756437	619	788	169	3,066	2,631
Receptor_243	Offsite Worker	373168	756437	576	730	153	3,051	2,615
Receptor_244	Offsite Worker	373267	756437	540	680	140	3,037	2,602
Receptor_245	Offsite Worker	373412	756437	496	618	122	3,020	2,584
Receptor_246	Offsite Worker	373409	756339	457	551	94	2,992	2,556
Receptor_247	Offsite Worker	373406	756240	424	485	61	2,958	2,523
Receptor_248	Offsite Worker	373403	756142	457	491	33	2,931	2,496
Receptor_249	Offsite Worker	373400	756042	478	481	3	2,900	2,465
Receptor_25	Recreational	366453	757515	336	424	88	2,985	2,550
Receptor_250	Offsite Worker	373397	755944	402	461	58	2,956	2,520
Receptor_251	Offsite Worker	373393	755846	364	439	75	2,972	2,537
Receptor_252	Offsite Worker	373390	755747	360	419	60	2,957	2,522
Receptor_253	Offsite Worker	373309	755744	376	429	53	2,951	2,516
Receptor_254	Offsite Worker	373229	755743	394	440	46	2,943	2,508
Receptor_255	Offsite Worker	373143	755741	416	453	37	2,934	2,499
Receptor_256	Offsite Worker	373143	755823	435	472	38	2,935	2,500
Receptor_257	Offsite Worker	373143	755906	474	497	23	2,920	2,485
Receptor_258	Offsite Worker	373065	755906	516	512	-4	2,893	2,458
Receptor_259	Offsite Worker	373065	755827	489	488	-1	2,897	2,461
Receptor_26	Recreational	366415	757603	347	433	86	2,983	2,548
Receptor_260	Offsite Worker	373068	755733	442	465	23	2,921	2,485

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	459	478	19	2,917	2,482
Receptor_262	Offsite Worker	372941	755733	478	496	18	2,916	2,480
Receptor_263	Offsite Worker	372941	755636	441	472	31	2,929	2,493
Receptor_264	Offsite Worker	372941	755539	428	433	5	2,902	2,467
Receptor_265	Offsite Worker	372941	755442	422	376	-46	2,851	2,416
Receptor_266	Offsite Worker	372913	755342	421	346	-74	2,823	2,388
Receptor_267	Offsite Worker	372817	755346	445	372	-73	2,824	2,389
Receptor_268	Offsite Worker	372720	755349	467	396	-71	2,826	2,391
Receptor_269	Offsite Worker	372624	755352	485	413	-72	2,825	2,390
Receptor_27	Recreational	366376	757692	356	438	82	2,979	2,544
Receptor_270	Offsite Worker	372527	755349	506	426	-80	2,818	2,383
Receptor_271	Offsite Worker	372431	755353	500	418	-82	2,815	2,380
Receptor_272	Offsite Worker	372334	755356	470	398	-72	2,825	2,390
Receptor_273	Offsite Worker	372237	755359	433	386	-47	2,851	2,415
Receptor_274	Offsite Worker	372141	755362	420	382	-38	2,859	2,424
Receptor_275	Offsite Worker	372044	755366	407	384	-22	2,875	2,440
Receptor_276	Offsite Worker	371948	755369	390	382	-8	2,889	2,454
Receptor_277	Offsite Worker	371851	755372	391	377	-15	2,883	2,447
Receptor_278	Offsite Worker	371755	755375	448	372	-76	2,822	2,386
Receptor_279	Offsite Worker	371658	755378	466	380	-86	2,811	2,376
Receptor_28	Residential	366338	757780	365	441	76	2,973	2,538
Receptor_280	Offsite Worker	371562	755382	453	396	-56	2,841	2,406
Receptor_281	Offsite Worker	371465	755385	435	396	-38	2,859	2,424
Receptor_282	Offsite Worker	371368	755388	471	402	-70	2,828	2,393
Receptor_283	Offsite Worker	371272	755391	472	421	-51	2,846	2,411
Receptor_284	Offsite Worker	371175	755395	449	443	-6	2,892	2,456
Receptor_285	Offsite Worker	371079	755398	431	466	34	2,932	2,496
Receptor_286	Offsite Worker	371042	755478	494	504	10	2,907	2,472
Receptor_287	Offsite Worker	371009	755538	541	543	1	2,899	2,464
Receptor_288	Offsite Worker	370975	755597	581	596	15	2,912	2,477
Receptor_289	Offsite Worker	370925	755597	599	636	36	2,934	2,498
Receptor_29	Residential	366402	757746	368	447	79	2,976	2,541
Receptor_290	Offsite Worker	370860	755547	589	647	58	2,955	2,520
Receptor_291	Offsite Worker	370796	755497	557	653	96	2,993	2,558
Receptor_292	Offsite Worker	370733	755428	561	706	145	3,043	2,607
Receptor_293	Offsite Worker	370634	755428	598	765	167	3,064	2,629
Receptor_294	Offsite Worker	370536	755428	752	877	125	3,022	2,587
Receptor_295	Offsite Worker	370437	755428	847	1,009	161	3,059	2,624
Receptor_296	Offsite Worker	370338	755427	884	1,142	258	3,155	2,720
Receptor_297	Residential	370239	755427	915	1,217	302	3,199	2,764
Receptor_298	Residential	370138	755427	892	1,076	184	3,081	2,646
Receptor_299	Residential	370040	755427	855	986	131	3,029	2,594
Receptor_3	Recreational	367301	755573	287	374	87	2,984	2,549
Receptor_30	Residential	366467	757713	372	455	82	2,980	2,544
Receptor_300	Residential	369941	755426	850	990	140	3,037	2,602

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	905	1,018	113	3,010	2,575
Receptor_302	School	369741	755435	963	1,071	108	3,005	2,570
Receptor_303	School	369643	755434	996	1,085	90	2,987	2,552
Receptor_304	Residential	369544	755434	981	1,053	72	2,970	2,534
Receptor_305	Residential	369445	755434	917	986	69	2,967	2,531
Receptor_306	Residential	369346	755434	819	915	97	2,994	2,559
Receptor_307	Offsite Worker	369249	755442	726	864	138	3,035	2,600
Receptor_308	Offsite Worker	369151	755442	684	812	129	3,026	2,591
Receptor_309	Offsite Worker	369052	755442	650	757	107	3,004	2,569
Receptor_31	Residential	366531	757679	376	462	85	2,983	2,548
Receptor_310	Residential	368953	755441	617	707	90	2,987	2,552
Receptor_311	Residential	368854	755441	573	659	87	2,984	2,549
Receptor_312	Residential	368755	755441	521	632	111	3,008	2,573
Receptor_313	Residential	368657	755441	497	605	107	3,005	2,569
Receptor_314	Residential	368558	755440	496	578	82	2,980	2,545
Receptor_315	Residential	368459	755440	488	573	84	2,982	2,547
Receptor_316	Residential	368360	755440	479	561	82	2,979	2,544
Receptor_317	Residential	368262	755439	469	545	76	2,973	2,538
Receptor_318	Residential	368186	755427	457	526	68	2,966	2,531
Receptor_319	Residential	368111	755414	445	507	61	2,959	2,523
Receptor_32	Residential	366567	757773	395	474	79	2,976	2,541
Receptor_320	Offsite Worker	368035	755402	433	488	55	2,952	2,517
Receptor_321	Offsite Worker	367960	755389	421	471	50	2,947	2,512
Receptor_322	Offsite Worker	367863	755390	405	453	48	2,946	2,510
Receptor_323	Offsite Worker	367766	755392	388	436	48	2,946	2,511
Receptor_324	Offsite Worker	367669	755393	370	420	50	2,947	2,512
Receptor_325	Offsite Worker	367572	755394	352	407	55	2,953	2,517
Receptor_326	Offsite Worker	367475	755395	335	395	60	2,957	2,522
Receptor_327	On-Site Occupational	370400	756850	1,909	1,281	-628	2,269	1,834
Receptor_33	Residential	366625	757758	402	482	80	2,978	2,543
Receptor_34	Residential	366682	757744	408	490	82	2,979	2,544
Receptor_35	Residential	366768	757788	428	505	78	2,975	2,540
Receptor_36	Residential	366854	757833	446	520	74	2,971	2,536
Receptor_37	Residential	366941	757877	462	535	72	2,970	2,535
Receptor_38	Residential	367027	757922	473	548	75	2,973	2,538
Receptor_39	Residential	367113	757966	476	557	81	2,979	2,543
Receptor_4	Recreational	367263	755661	272	374	102	3,000	2,565
Receptor_40	Residential	367192	757916	496	577	82	2,979	2,544
Receptor_41	Residential	367264	757916	505	590	86	2,983	2,548
Receptor_42	Residential	367335	757916	514	603	89	2,987	2,552
Receptor_43	Residential	367343	757966	499	591	92	2,989	2,554
Receptor_44	Residential	367404	757995	493	587	94	2,991	2,556
Receptor_45	Residential	367465	758024	483	576	93	2,990	2,555
Receptor_46	School	367504	757948	522	620	98	2,995	2,560
Receptor_47	School	367544	757873	554	653	99	2,996	2,561

Table 36								VisW Flight Rule
LAX SPAS								CO, 8-Hour Averaging Time
Operational Concentrations								CO, 8-Hour Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)								
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_48	School	367587	757909	547	649	102	3,000	2,564
Receptor_49	School	367623	757866	568	672	104	3,001	2,566
Receptor_5	Recreational	367224	755749	279	375	96	2,993	2,558
Receptor_50	School	367694	757866	578	687	109	3,006	2,571
Receptor_51	School	367716	757927	550	657	107	3,004	2,569
Receptor_52	School	367737	757988	514	611	97	2,995	2,559
Receptor_53	School	367727	758067	460	539	79	2,976	2,541
Receptor_54	School	367716	758146	407	465	59	2,956	2,521
Receptor_55	Residential	367673	758189	382	433	51	2,948	2,513
Receptor_56	School	367723	758254	335	367	32	2,929	2,494
Receptor_57	School	367784	758221	347	382	34	2,932	2,496
Receptor_58	School	367845	758189	360	397	36	2,934	2,499
Receptor_59	Residential	367816	758096	433	497	64	2,961	2,526
Receptor_6	Recreational	367186	755838	279	400	122	3,019	2,584
Receptor_60	Residential	367898	758066	448	514	65	2,963	2,527
Receptor_61	Residential	367980	758035	465	532	67	2,964	2,529
Receptor_62	Residential	368062	758005	482	550	68	2,965	2,530
Receptor_63	Residential	368144	757975	500	569	68	2,966	2,530
Receptor_64	Residential	368226	757945	520	588	68	2,966	2,530
Receptor_65	Residential	368301	757943	505	563	58	2,955	2,520
Receptor_66	Residential	368376	757941	485	572	87	2,984	2,549
Receptor_67	Residential	368452	757940	460	591	131	3,028	2,593
Receptor_68	Residential	368527	757938	434	592	158	3,055	2,620
Receptor_69	Residential	368563	757880	505	639	134	3,031	2,596
Receptor_7	Recreational	367147	755926	291	438	147	3,044	2,609
Receptor_70	Residential	368636	757926	452	616	164	3,062	2,626
Receptor_71	Residential	368709	757971	454	609	155	3,053	2,617
Receptor_72	Residential	368782	758017	446	586	139	3,037	2,601
Receptor_73	Residential	368855	758062	441	563	122	3,019	2,584
Receptor_74	Residential	368928	758108	436	547	110	3,008	2,572
Receptor_75	Residential	369001	758153	426	562	136	3,033	2,598
Receptor_76	Residential	369058	758074	461	623	163	3,060	2,625
Receptor_77	Residential	369102	758103	451	634	183	3,080	2,645
Receptor_78	Residential	369145	758132	439	643	204	3,101	2,666
Receptor_79	Residential	369200	758065	473	700	226	3,124	2,688
Receptor_8	Recreational	367109	756014	314	469	155	3,052	2,617
Receptor_80	Residential	369255	757998	519	750	231	3,128	2,693
Receptor_81	Residential	369310	757931	571	797	226	3,124	2,688
Receptor_82	Residential	369356	757981	567	777	210	3,107	2,672
Receptor_83	Residential	369403	758031	590	745	155	3,052	2,617
Receptor_84	Recreational	369336	758100	520	715	196	3,093	2,658
Receptor_85	Recreational	369269	758170	462	673	211	3,108	2,673
Receptor_86	Recreational	369202	758239	417	620	203	3,100	2,665
Receptor_87	Recreational	369264	758285	441	617	176	3,073	2,638
Receptor_88	Recreational	369326	758330	468	605	137	3,034	2,599

Table 36								
LAX SPAS							VisW Flight Rule	
Operational Concentrations							CO, 8-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	493	587	94	2,991	2,556
Receptor_9	Recreational	367070	756103	339	492	153	3,050	2,615
Receptor_90	Recreational	369389	758462	476	554	78	2,976	2,540
Receptor_91	Recreational	369389	758548	459	525	65	2,962	2,527
Receptor_92	Residential	369389	758634	444	498	54	2,952	2,517
Receptor_93	Residential	369469	758630	472	500	29	2,926	2,491
Receptor_94	Residential	369549	758625	494	501	7	2,904	2,469
Receptor_95	Residential	369630	758621	507	500	-7	2,890	2,455
Receptor_96	Residential	369710	758617	505	493	-13	2,885	2,450
Receptor_97	Residential	369791	758613	492	480	-12	2,886	2,451
Receptor_98	Residential	369791	758514	531	509	-22	2,876	2,440
Receptor_99	Residential	369791	758416	571	542	-30	2,867	2,432

Table 37															
LAX SPAS													VisW Flight Rule		
Operational Concentrations													CO, 8-Hour Averaging Time		
11/14/2012 Staff-Recommended Alternative (SRA)															
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)				Total Concentration (NAAQS)			
Type	Hour CO (µg/m ³)	Location X (m) Y (m)		Type	8-Hour CO (µg/m ³)	Location X (m) Y (m)		Type	8-Hour CO (µg/m ³)	Location X (m) Y (m)		Type	8-Hour CO (µg/m ³)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	981	369544	755434	Residential	302	370239	755427	Residential	3,199	370239	755427	Residential	2,764	370239	755427
School	996	369643	755434	School	109	367694	757866	School	3,006	367694	757866	School	2,571	367694	757866
Offsite Worker	1,929	370998	756998	Offsite Worker	267	372622	756509	Offsite Worker	3,164	372622	756509	Offsite Worker	2,729	372622	756509
Recreational	520	369336	758100	Recreational	211	369269	758170	Recreational	3,108	369269	758170	Recreational	2,673	369269	758170
On-Site Occupational	1,909	370400	756850	On-Site Occupational	-628	370400	756850	On-Site Occupational	2,269	370400	756850	On-Site Occupational	1,834	370400	756850
Staff-Recommended Alternative															
Residential	1,217	370239	755427												
School	1,085	369643	755434												
Offsite Worker	1,245	371005	757357												
Recreational	715	369336	758100												
On-Site Occupational	1,281	370400	756850												
Notes:															
Average concentration is modeled output from AERMOD, version 12060.															
Project concentration is difference between given alternative and baseline (project increment).															
Total concentration is project concentration plus monitored background concentration.															
Background concentration for CAAQS and NAAQS different for averaging period.															

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	139	154	15	192
Receptor_10	Recreational	367032	756191	138	169	32	208
Receptor_100	Residential	369791	758318	194	207	14	190
Receptor_101	Residential	369881	758318	183	208	25	201
Receptor_102	Residential	369972	758318	185	201	15	192
Receptor_103	Residential	370062	758318	183	185	2	179
Receptor_104	Residential	370153	758318	195	174	-21	155
Receptor_105	Residential	370243	758318	209	173	-36	141
Receptor_106	School	370247	758254	215	182	-34	143
Receptor_107	School	370250	758189	222	188	-34	143
Receptor_108	School	370308	758196	228	188	-40	137
Receptor_109	School	370361	758236	216	176	-41	136
Receptor_11	Recreational	366993	756279	141	177	36	213
Receptor_110	School	370415	758275	206	179	-27	150
Receptor_111	Residential	370408	758347	199	174	-24	152
Receptor_112	Residential	370490	758344	207	175	-32	145
Receptor_113	Residential	370572	758341	208	183	-25	152
Receptor_114	Residential	370654	758338	227	189	-39	138
Receptor_115	Residential	370735	758335	222	173	-49	128
Receptor_116	Residential	370817	758333	189	179	-10	167
Receptor_117	Offsite Worker	370814	758243	186	189	3	180
Receptor_118	Offsite Worker	370810	758153	208	200	-8	169
Receptor_119	Offsite Worker	370807	758063	221	213	-8	169
Receptor_12	Recreational	366954	756367	141	180	39	216
Receptor_120	Offsite Worker	370803	757974	210	229	19	196
Receptor_121	Offsite Worker	370835	757927	199	261	62	239
Receptor_122	Offsite Worker	370868	757880	216	298	82	259
Receptor_123	Offsite Worker	370921	757884	209	327	118	295
Receptor_124	Offsite Worker	370975	757887	198	371	173	350
Receptor_125	Offsite Worker	370975	757794	214	462	249	426
Receptor_126	Offsite Worker	371026	757794	214	491	278	455
Receptor_127	Offsite Worker	371076	757877	197	408	211	388
Receptor_128	Offsite Worker	371126	757959	186	350	164	341
Receptor_129	Offsite Worker	371119	758031	178	308	129	306
Receptor_13	Recreational	366916	756456	142	178	36	213
Receptor_130	Residential	371183	758027	177	321	143	320
Receptor_131	Residential	371248	758024	178	319	142	319
Receptor_132	Residential	371326	758075	172	282	110	286
Receptor_133	Residential	371404	758127	169	247	79	256
Receptor_134	Residential	371481	758178	167	218	51	228
Receptor_135	Residential	371559	758230	166	195	29	205
Receptor_136	Residential	371637	758281	165	180	14	191
Receptor_137	Residential	371715	758333	165	176	11	188
Receptor_138	Residential	371769	758261	166	183	18	194
Receptor_139	Residential	371822	758189	168	188	20	197

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	142	171	29	206
Receptor_140	Residential	371894	758160	172	199	27	204
Receptor_141	Residential	371894	758081	175	207	32	209
Receptor_142	Residential	371959	758074	173	197	24	200
Receptor_143	Offsite Worker	371953	757977	174	191	17	194
Receptor_144	Offsite Worker	371948	757880	170	184	15	191
Receptor_145	Offsite Worker	371943	757783	172	209	37	213
Receptor_146	Offsite Worker	372016	757794	170	201	31	208
Receptor_147	Offsite Worker	372102	757791	169	196	27	204
Receptor_148	Offsite Worker	372178	757760	168	191	23	200
Receptor_149	Offsite Worker	372177	757670	168	213	45	222
Receptor_15	Recreational	366839	756632	139	160	21	198
Receptor_150	Offsite Worker	372176	757579	167	214	47	224
Receptor_151	Offsite Worker	372174	757489	167	198	31	208
Receptor_152	Offsite Worker	372173	757398	168	206	37	214
Receptor_153	Offsite Worker	372171	757308	175	213	38	215
Receptor_154	Offsite Worker	372055	757309	183	216	33	209
Receptor_155	Residential	372055	757363	179	206	26	203
Receptor_156	Offsite Worker	372055	757416	174	196	22	199
Receptor_157	Offsite Worker	371952	757442	179	206	27	204
Receptor_158	Offsite Worker	371950	757345	191	217	25	202
Receptor_159	Offsite Worker	371864	757344	200	209	9	186
Receptor_16	Recreational	366800	756720	139	165	26	203
Receptor_160	Offsite Worker	371790	757347	203	203	0	177
Receptor_161	Offsite Worker	371708	757356	205	217	12	189
Receptor_162	Offsite Worker	371615	757356	211	227	15	192
Receptor_163	Offsite Worker	371523	757356	220	237	17	194
Receptor_164	Offsite Worker	371430	757356	230	245	15	192
Receptor_165	Offsite Worker	371338	757356	240	258	18	195
Receptor_166	Offsite Worker	371245	757356	251	317	66	243
Receptor_167	Offsite Worker	371153	757356	262	334	72	249
Receptor_168	Offsite Worker	371061	757356	271	338	66	243
Receptor_169	Offsite Worker	371005	757357	277	326	49	226
Receptor_17	Recreational	366762	756809	140	172	32	209
Receptor_170	Offsite Worker	370998	757293	230	274	44	221
Receptor_171	Offsite Worker	370998	757194	200	280	80	256
Receptor_172	Offsite Worker	370998	757096	197	297	100	277
Receptor_173	Offsite Worker	370998	756998	203	273	70	247
Receptor_174	Offsite Worker	371057	756997	194	237	43	220
Receptor_175	Offsite Worker	371153	756997	190	186	-4	173
Receptor_176	Offsite Worker	371249	756997	197	195	-2	175
Receptor_177	Offsite Worker	371345	756997	187	207	20	197
Receptor_178	Offsite Worker	371440	756997	176	223	46	223
Receptor_179	Offsite Worker	371536	756997	175	237	62	238
Receptor_18	Recreational	366723	756897	139	169	30	207

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	176	244	68	245
Receptor_181	Offsite Worker	371728	756997	185	232	46	223
Receptor_182	Offsite Worker	371824	756997	189	266	76	253
Receptor_183	Offsite Worker	371920	756997	205	299	94	271
Receptor_184	Offsite Worker	372016	756997	206	258	52	229
Receptor_185	Offsite Worker	372111	756997	183	272	90	267
Receptor_186	Offsite Worker	372207	756997	187	266	79	256
Receptor_187	Offsite Worker	372303	756997	206	283	77	254
Receptor_188	Offsite Worker	372399	756997	227	233	6	183
Receptor_189	Offsite Worker	372495	756997	236	253	17	194
Receptor_19	Recreational	366685	756985	145	167	22	199
Receptor_190	Offsite Worker	372591	756997	258	312	54	230
Receptor_191	Offsite Worker	372610	757063	243	295	52	229
Receptor_192	Offsite Worker	372612	757132	230	270	41	217
Receptor_193	Offsite Worker	372614	757201	219	250	32	209
Receptor_194	Offsite Worker	372616	757270	208	234	25	202
Receptor_195	Offsite Worker	372627	757351	199	220	21	198
Receptor_196	Offsite Worker	372651	757422	192	214	22	199
Receptor_197	Offsite Worker	372676	757494	186	209	22	199
Receptor_198	Offsite Worker	372704	757569	181	204	23	200
Receptor_199	Offsite Worker	372733	757645	175	199	24	201
Receptor_2	Recreational	367340	755485	138	154	16	193
Receptor_20	Recreational	366646	757074	149	177	28	205
Receptor_200	Offsite Worker	372746	757702	171	194	23	200
Receptor_201	Offsite Worker	372746	757768	168	186	19	196
Receptor_202	Offsite Worker	372807	757781	165	196	30	207
Receptor_203	Offsite Worker	372901	757782	164	202	38	214
Receptor_204	Offsite Worker	372994	757783	163	189	26	203
Receptor_205	Offsite Worker	373087	757783	159	182	23	199
Receptor_206	Offsite Worker	373180	757784	156	181	25	201
Receptor_207	Offsite Worker	373274	757785	158	185	27	204
Receptor_208	Offsite Worker	373367	757786	159	183	24	201
Receptor_209	Offsite Worker	373418	757742	160	178	18	195
Receptor_21	Recreational	366607	757162	146	172	26	202
Receptor_210	Offsite Worker	373418	757653	170	176	6	183
Receptor_211	Offsite Worker	373419	757564	183	174	-9	168
Receptor_212	Offsite Worker	373419	757475	189	175	-14	163
Receptor_213	Offsite Worker	373420	757386	182	186	5	182
Receptor_214	Offsite Worker	373420	757297	170	200	29	206
Receptor_215	Offsite Worker	373421	757207	178	214	36	213
Receptor_216	Offsite Worker	373421	757118	187	241	54	231
Receptor_217	Offsite Worker	373292	757117	186	225	39	216
Receptor_218	Offsite Worker	373213	757118	196	218	22	199
Receptor_219	Offsite Worker	373158	757066	207	227	20	197
Receptor_22	Recreational	366569	757250	145	156	11	188

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	237	234	-2	175
Receptor_221	Offsite Worker	373009	757011	265	232	-32	144
Receptor_222	Offsite Worker	372922	757009	257	272	15	192
Receptor_223	Offsite Worker	372835	757007	231	297	66	243
Receptor_224	Offsite Worker	372747	757006	229	285	56	233
Receptor_225	Offsite Worker	372660	757004	235	329	95	271
Receptor_226	Offsite Worker	372651	757063	234	311	77	254
Receptor_227	Offsite Worker	372629	756931	258	358	100	277
Receptor_228	Offsite Worker	372631	756857	260	380	120	297
Receptor_229	Offsite Worker	372634	756783	290	372	82	259
Receptor_23	Recreational	366530	757338	146	148	2	179
Receptor_230	Offsite Worker	372702	756778	296	394	98	275
Receptor_231	Offsite Worker	372756	756775	338	365	27	204
Receptor_232	Offsite Worker	372729	756712	386	385	-1	176
Receptor_233	Offsite Worker	372703	756650	439	420	-19	158
Receptor_234	Offsite Worker	372677	756588	479	530	51	228
Receptor_235	Offsite Worker	372619	756588	481	547	65	242
Receptor_236	Offsite Worker	372622	756509	544	766	222	399
Receptor_237	Offsite Worker	372700	756511	521	877	356	533
Receptor_238	Offsite Worker	372789	756510	494	809	315	491
Receptor_239	Offsite Worker	372871	756509	449	634	185	362
Receptor_24	Recreational	366492	757427	146	151	5	181
Receptor_240	Offsite Worker	372871	756437	455	485	29	206
Receptor_241	Offsite Worker	372970	756437	373	436	63	240
Receptor_242	Offsite Worker	373069	756437	327	408	81	258
Receptor_243	Offsite Worker	373168	756437	305	383	78	255
Receptor_244	Offsite Worker	373267	756437	286	360	75	251
Receptor_245	Offsite Worker	373412	756437	262	332	70	247
Receptor_246	Offsite Worker	373409	756339	275	371	95	272
Receptor_247	Offsite Worker	373406	756240	306	339	33	210
Receptor_248	Offsite Worker	373403	756142	289	333	44	220
Receptor_249	Offsite Worker	373400	756042	301	354	53	230
Receptor_25	Recreational	366453	757515	145	152	7	184
Receptor_250	Offsite Worker	373397	755944	264	327	63	240
Receptor_251	Offsite Worker	373393	755846	245	302	57	234
Receptor_252	Offsite Worker	373390	755747	213	279	65	242
Receptor_253	Offsite Worker	373309	755744	209	280	71	248
Receptor_254	Offsite Worker	373229	755743	215	282	67	244
Receptor_255	Offsite Worker	373143	755741	222	283	61	238
Receptor_256	Offsite Worker	373143	755823	219	311	93	270
Receptor_257	Offsite Worker	373143	755906	255	328	73	250
Receptor_258	Offsite Worker	373065	755906	243	335	92	268
Receptor_259	Offsite Worker	373065	755827	228	319	90	267
Receptor_26	Recreational	366415	757603	143	151	8	185
Receptor_260	Offsite Worker	373068	755733	226	279	53	230

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	230	278	49	225
Receptor_262	Offsite Worker	372941	755733	233	276	44	220
Receptor_263	Offsite Worker	372941	755636	215	229	14	191
Receptor_264	Offsite Worker	372941	755539	199	198	-1	175
Receptor_265	Offsite Worker	372941	755442	196	189	-7	170
Receptor_266	Offsite Worker	372913	755342	189	192	3	180
Receptor_267	Offsite Worker	372817	755346	191	200	9	186
Receptor_268	Offsite Worker	372720	755349	191	201	10	186
Receptor_269	Offsite Worker	372624	755352	188	209	21	198
Receptor_27	Recreational	366376	757692	141	150	8	185
Receptor_270	Offsite Worker	372527	755349	187	220	33	210
Receptor_271	Offsite Worker	372431	755353	194	214	20	196
Receptor_272	Offsite Worker	372334	755356	185	213	28	205
Receptor_273	Offsite Worker	372237	755359	206	197	-9	168
Receptor_274	Offsite Worker	372141	755362	206	205	-1	176
Receptor_275	Offsite Worker	372044	755366	195	216	21	197
Receptor_276	Offsite Worker	371948	755369	186	253	67	244
Receptor_277	Offsite Worker	371851	755372	195	264	69	245
Receptor_278	Offsite Worker	371755	755375	201	239	38	215
Receptor_279	Offsite Worker	371658	755378	199	217	18	195
Receptor_28	Residential	366338	757780	140	147	7	184
Receptor_280	Offsite Worker	371562	755382	191	203	12	189
Receptor_281	Offsite Worker	371465	755385	198	204	6	183
Receptor_282	Offsite Worker	371368	755388	199	220	21	197
Receptor_283	Offsite Worker	371272	755391	198	227	29	206
Receptor_284	Offsite Worker	371175	755395	195	226	30	207
Receptor_285	Offsite Worker	371079	755398	185	218	33	210
Receptor_286	Offsite Worker	371042	755478	191	252	61	238
Receptor_287	Offsite Worker	371009	755538	205	286	81	258
Receptor_288	Offsite Worker	370975	755597	219	309	91	267
Receptor_289	Offsite Worker	370925	755597	219	308	89	266
Receptor_29	Residential	366402	757746	141	149	8	185
Receptor_290	Offsite Worker	370860	755547	210	293	84	260
Receptor_291	Offsite Worker	370796	755497	201	280	79	255
Receptor_292	Offsite Worker	370733	755428	191	262	72	249
Receptor_293	Offsite Worker	370634	755428	192	264	71	248
Receptor_294	Offsite Worker	370536	755428	192	261	69	246
Receptor_295	Offsite Worker	370437	755428	191	257	65	242
Receptor_296	Offsite Worker	370338	755427	191	251	60	237
Receptor_297	Residential	370239	755427	195	248	54	230
Receptor_298	Residential	370138	755427	201	246	45	222
Receptor_299	Residential	370040	755427	201	241	40	217
Receptor_3	Recreational	367301	755573	138	167	29	206
Receptor_30	Residential	366467	757713	142	150	8	185
Receptor_300	Residential	369941	755426	192	234	41	218

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	182	224	42	219
Receptor_302	School	369741	755435	179	216	37	214
Receptor_303	School	369643	755434	179	211	32	209
Receptor_304	Residential	369544	755434	178	208	30	207
Receptor_305	Residential	369445	755434	171	205	34	211
Receptor_306	Residential	369346	755434	168	203	35	212
Receptor_307	Offsite Worker	369249	755442	162	201	39	216
Receptor_308	Offsite Worker	369151	755442	158	200	42	218
Receptor_309	Offsite Worker	369052	755442	159	198	39	216
Receptor_31	Residential	366531	757679	144	152	8	185
Receptor_310	Residential	368953	755441	159	196	36	213
Receptor_311	Residential	368854	755441	160	194	34	211
Receptor_312	Residential	368755	755441	160	192	33	210
Receptor_313	Residential	368657	755441	159	190	31	208
Receptor_314	Residential	368558	755440	158	187	29	206
Receptor_315	Residential	368459	755440	157	184	26	203
Receptor_316	Residential	368360	755440	157	179	22	199
Receptor_317	Residential	368262	755439	157	175	18	195
Receptor_318	Residential	368186	755427	155	172	17	194
Receptor_319	Residential	368111	755414	153	169	16	192
Receptor_32	Residential	366567	757773	142	150	7	184
Receptor_320	Offsite Worker	368035	755402	152	166	14	191
Receptor_321	Offsite Worker	367960	755389	150	164	13	190
Receptor_322	Offsite Worker	367863	755390	149	161	11	188
Receptor_323	Offsite Worker	367766	755392	148	160	12	189
Receptor_324	Offsite Worker	367669	755393	146	159	13	190
Receptor_325	Offsite Worker	367572	755394	144	158	14	190
Receptor_326	Offsite Worker	367475	755395	142	156	14	191
Receptor_327	On-Site Occupational	370400	756850	236	220	-16	161
Receptor_33	Residential	366625	757758	144	151	7	184
Receptor_34	Residential	366682	757744	145	152	8	185
Receptor_35	Residential	366768	757788	144	151	7	184
Receptor_36	Residential	366854	757833	143	150	6	183
Receptor_37	Residential	366941	757877	142	148	6	183
Receptor_38	Residential	367027	757922	140	145	5	182
Receptor_39	Residential	367113	757966	141	142	0	177
Receptor_4	Recreational	367263	755661	136	176	39	216
Receptor_40	Residential	367192	757916	142	146	4	181
Receptor_41	Residential	367264	757916	145	147	2	179
Receptor_42	Residential	367335	757916	147	147	0	177
Receptor_43	Residential	367343	757966	148	144	-4	173
Receptor_44	Residential	367404	757995	149	145	-4	173
Receptor_45	Residential	367465	758024	151	147	-4	173
Receptor_46	School	367504	757948	152	147	-4	173
Receptor_47	School	367544	757873	152	152	0	177

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	154	149	-4	173
Receptor_49	School	367623	757866	154	154	-1	176
Receptor_5	Recreational	367224	755749	135	179	44	221
Receptor_50	School	367694	757866	156	154	-2	175
Receptor_51	School	367716	757927	156	154	-2	175
Receptor_52	School	367737	757988	157	155	-2	175
Receptor_53	School	367727	758067	157	154	-3	174
Receptor_54	School	367716	758146	156	151	-5	172
Receptor_55	Residential	367673	758189	154	149	-5	172
Receptor_56	School	367723	758254	153	147	-5	171
Receptor_57	School	367784	758221	154	149	-6	171
Receptor_58	School	367845	758189	156	150	-6	171
Receptor_59	Residential	367816	758096	159	154	-5	172
Receptor_6	Recreational	367186	755838	134	177	43	220
Receptor_60	Residential	367898	758066	161	157	-5	172
Receptor_61	Residential	367980	758035	164	159	-5	172
Receptor_62	Residential	368062	758005	167	161	-5	172
Receptor_63	Residential	368144	757975	169	164	-5	172
Receptor_64	Residential	368226	757945	173	171	-2	175
Receptor_65	Residential	368301	757943	174	176	2	179
Receptor_66	Residential	368376	757941	174	179	4	181
Receptor_67	Residential	368452	757940	176	180	4	181
Receptor_68	Residential	368527	757938	177	179	1	178
Receptor_69	Residential	368563	757880	181	186	5	182
Receptor_7	Recreational	367147	755926	130	169	39	216
Receptor_70	Residential	368636	757926	179	175	-5	172
Receptor_71	Residential	368709	757971	176	166	-10	167
Receptor_72	Residential	368782	758017	171	165	-7	170
Receptor_73	Residential	368855	758062	167	166	-1	176
Receptor_74	Residential	368928	758108	167	167	0	177
Receptor_75	Residential	369001	758153	168	169	1	178
Receptor_76	Residential	369058	758074	172	172	0	177
Receptor_77	Residential	369102	758103	172	173	1	178
Receptor_78	Residential	369145	758132	173	175	2	179
Receptor_79	Residential	369200	758065	177	178	1	178
Receptor_8	Recreational	367109	756014	132	159	27	204
Receptor_80	Residential	369255	757998	181	182	1	178
Receptor_81	Residential	369310	757931	187	187	0	177
Receptor_82	Residential	369356	757981	187	188	1	178
Receptor_83	Residential	369403	758031	188	189	1	178
Receptor_84	Recreational	369336	758100	183	184	1	178
Receptor_85	Recreational	369269	758170	179	180	1	178
Receptor_86	Recreational	369202	758239	175	177	2	179
Receptor_87	Recreational	369264	758285	177	179	2	179
Receptor_88	Recreational	369326	758330	176	180	5	182

Table 38							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	169	181	12	189
Receptor_9	Recreational	367070	756103	134	158	24	201
Receptor_90	Recreational	369389	758462	164	181	17	194
Receptor_91	Recreational	369389	758548	166	181	16	193
Receptor_92	Residential	369389	758634	166	179	13	190
Receptor_93	Residential	369469	758630	170	180	10	187
Receptor_94	Residential	369549	758625	171	179	8	185
Receptor_95	Residential	369630	758621	165	174	9	186
Receptor_96	Residential	369710	758617	163	167	4	181
Receptor_97	Residential	369791	758613	163	157	-6	171
Receptor_98	Residential	369791	758514	168	178	10	186
Receptor_99	Residential	369791	758416	178	196	18	195

Table 39											
LAX SPAS										VisW Flight Rule	
Operational Concentrations										NO ₂ , 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)										Maximum Hourly Value	
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)			
1-Hour NO ₂		Location		1-Hour NO ₂		Location		1-Hour NO ₂		Location	
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	227	0	0	Residential	143	371126	757959	Residential	320	371126	757959
School	228	370308	758196	School	37	366467	757713	School	214	366467	757713
Offsite Worker	544	372703	756650	Offsite Worker	356	372677	756588	Offsite Worker	533	372677	756588
Recreational	183	369310	757931	Recreational	44	367544	757873	Recreational	221	367544	757873
On-Site Occupational	236	367669	755393	On-Site Occupational	-16	367669	755393	On-Site Occupational	161	367669	755393
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	321	371126	757959								
School	216	366467	757713								
Offsite Worker	877	372677	756588								
Recreational	184	369310	757931								
On-Site Occupational	220	367669	755393								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Maximum hourly value only applicable to CAAQS.											

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	126	138	12	137
Receptor_10	Recreational	367032	756191	124	135	11	136
Receptor_100	Residential	369791	758318	164	154	-10	115
Receptor_101	Residential	369881	758318	161	155	-6	118
Receptor_102	Residential	369972	758318	161	156	-5	120
Receptor_103	Residential	370062	758318	168	157	-11	114
Receptor_104	Residential	370153	758318	169	157	-12	113
Receptor_105	Residential	370243	758318	166	158	-8	117
Receptor_106	School	370247	758254	173	162	-10	114
Receptor_107	School	370250	758189	181	164	-17	107
Receptor_108	School	370308	758196	177	164	-12	113
Receptor_109	School	370361	758236	174	164	-10	115
Receptor_11	Recreational	366993	756279	124	132	8	133
Receptor_110	School	370415	758275	168	162	-6	119
Receptor_111	Residential	370408	758347	163	159	-4	121
Receptor_112	Residential	370490	758344	165	162	-3	122
Receptor_113	Residential	370572	758341	166	160	-6	119
Receptor_114	Residential	370654	758338	168	163	-4	120
Receptor_115	Residential	370735	758335	162	166	4	129
Receptor_116	Residential	370817	758333	164	169	5	129
Receptor_117	Offsite Worker	370814	758243	172	176	4	129
Receptor_118	Offsite Worker	370810	758153	174	188	14	139
Receptor_119	Offsite Worker	370807	758063	180	199	19	144
Receptor_12	Recreational	366954	756367	123	132	9	134
Receptor_120	Offsite Worker	370803	757974	185	219	34	159
Receptor_121	Offsite Worker	370835	757927	182	233	50	175
Receptor_122	Offsite Worker	370868	757880	184	252	68	193
Receptor_123	Offsite Worker	370921	757884	186	268	83	207
Receptor_124	Offsite Worker	370975	757887	183	261	78	203
Receptor_125	Offsite Worker	370975	757794	192	314	122	247
Receptor_126	Offsite Worker	371026	757794	187	279	92	217
Receptor_127	Offsite Worker	371076	757877	177	244	67	192
Receptor_128	Offsite Worker	371126	757959	171	222	51	176
Receptor_129	Offsite Worker	371119	758031	168	219	51	176
Receptor_13	Recreational	366916	756456	123	133	10	135
Receptor_130	Residential	371183	758027	166	209	43	168
Receptor_131	Residential	371248	758024	164	203	40	164
Receptor_132	Residential	371326	758075	162	192	30	155
Receptor_133	Residential	371404	758127	157	185	28	153
Receptor_134	Residential	371481	758178	153	181	28	153
Receptor_135	Residential	371559	758230	149	174	25	150
Receptor_136	Residential	371637	758281	146	170	24	149
Receptor_137	Residential	371715	758333	143	165	23	147
Receptor_138	Residential	371769	758261	148	166	18	142
Receptor_139	Residential	371822	758189	153	166	13	138

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	122	137	15	140
Receptor_140	Residential	371894	758160	153	165	12	137
Receptor_141	Residential	371894	758081	158	168	10	135
Receptor_142	Residential	371959	758074	155	165	9	134
Receptor_143	Offsite Worker	371953	757977	163	169	6	131
Receptor_144	Offsite Worker	371948	757880	156	174	18	143
Receptor_145	Offsite Worker	371943	757783	158	171	14	138
Receptor_146	Offsite Worker	372016	757794	154	168	14	139
Receptor_147	Offsite Worker	372102	757791	152	165	13	138
Receptor_148	Offsite Worker	372178	757760	150	166	16	141
Receptor_149	Offsite Worker	372177	757670	149	165	16	141
Receptor_15	Recreational	366839	756632	123	136	13	138
Receptor_150	Offsite Worker	372176	757579	149	160	11	136
Receptor_151	Offsite Worker	372174	757489	153	160	7	131
Receptor_152	Offsite Worker	372173	757398	154	162	8	133
Receptor_153	Offsite Worker	372171	757308	155	168	12	137
Receptor_154	Offsite Worker	372055	757309	154	172	18	143
Receptor_155	Residential	372055	757363	154	168	13	138
Receptor_156	Offsite Worker	372055	757416	155	168	13	138
Receptor_157	Offsite Worker	371952	757442	155	166	11	136
Receptor_158	Offsite Worker	371950	757345	159	168	9	133
Receptor_159	Offsite Worker	371864	757344	162	168	6	131
Receptor_16	Recreational	366800	756720	124	137	13	138
Receptor_160	Offsite Worker	371790	757347	165	172	7	132
Receptor_161	Offsite Worker	371708	757356	163	174	11	136
Receptor_162	Offsite Worker	371615	757356	162	182	20	145
Receptor_163	Offsite Worker	371523	757356	162	190	28	153
Receptor_164	Offsite Worker	371430	757356	165	198	33	158
Receptor_165	Offsite Worker	371338	757356	168	217	49	173
Receptor_166	Offsite Worker	371245	757356	170	234	64	189
Receptor_167	Offsite Worker	371153	757356	175	246	71	196
Receptor_168	Offsite Worker	371061	757356	179	266	87	212
Receptor_169	Offsite Worker	371005	757357	182	255	74	198
Receptor_17	Recreational	366762	756809	125	135	10	134
Receptor_170	Offsite Worker	370998	757293	186	218	33	157
Receptor_171	Offsite Worker	370998	757194	185	206	21	146
Receptor_172	Offsite Worker	370998	757096	185	179	-6	119
Receptor_173	Offsite Worker	370998	756998	192	170	-22	103
Receptor_174	Offsite Worker	371057	756997	181	169	-12	112
Receptor_175	Offsite Worker	371153	756997	176	167	-9	116
Receptor_176	Offsite Worker	371249	756997	178	166	-12	113
Receptor_177	Offsite Worker	371345	756997	172	166	-6	119
Receptor_178	Offsite Worker	371440	756997	164	168	4	129
Receptor_179	Offsite Worker	371536	756997	159	173	14	138
Receptor_18	Recreational	366723	756897	125	137	12	137

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	162	171	10	135
Receptor_181	Offsite Worker	371728	756997	162	180	19	143
Receptor_182	Offsite Worker	371824	756997	164	190	26	151
Receptor_183	Offsite Worker	371920	756997	162	200	37	162
Receptor_184	Offsite Worker	372016	756997	164	201	37	162
Receptor_185	Offsite Worker	372111	756997	168	207	39	163
Receptor_186	Offsite Worker	372207	756997	172	205	33	157
Receptor_187	Offsite Worker	372303	756997	179	199	20	145
Receptor_188	Offsite Worker	372399	756997	185	208	24	149
Receptor_189	Offsite Worker	372495	756997	179	203	24	149
Receptor_19	Recreational	366685	756985	126	137	12	136
Receptor_190	Offsite Worker	372591	756997	173	211	37	162
Receptor_191	Offsite Worker	372610	757063	165	200	34	159
Receptor_192	Offsite Worker	372612	757132	160	189	29	154
Receptor_193	Offsite Worker	372614	757201	155	179	24	149
Receptor_194	Offsite Worker	372616	757270	152	174	21	146
Receptor_195	Offsite Worker	372627	757351	148	167	19	144
Receptor_196	Offsite Worker	372651	757422	148	165	17	142
Receptor_197	Offsite Worker	372676	757494	147	163	16	141
Receptor_198	Offsite Worker	372704	757569	146	162	15	140
Receptor_199	Offsite Worker	372733	757645	147	158	11	136
Receptor_2	Recreational	367340	755485	125	140	15	140
Receptor_20	Recreational	366646	757074	127	135	8	133
Receptor_200	Offsite Worker	372746	757702	148	154	7	131
Receptor_201	Offsite Worker	372746	757768	150	151	1	126
Receptor_202	Offsite Worker	372807	757781	149	153	4	129
Receptor_203	Offsite Worker	372901	757782	147	157	10	135
Receptor_204	Offsite Worker	372994	757783	144	162	18	142
Receptor_205	Offsite Worker	373087	757783	143	161	18	143
Receptor_206	Offsite Worker	373180	757784	143	161	18	143
Receptor_207	Offsite Worker	373274	757785	142	159	17	142
Receptor_208	Offsite Worker	373367	757786	143	154	11	136
Receptor_209	Offsite Worker	373418	757742	142	153	12	136
Receptor_21	Recreational	366607	757162	129	134	5	130
Receptor_210	Offsite Worker	373418	757653	143	158	15	139
Receptor_211	Offsite Worker	373419	757564	145	162	17	142
Receptor_212	Offsite Worker	373419	757475	148	168	19	144
Receptor_213	Offsite Worker	373420	757386	152	170	19	143
Receptor_214	Offsite Worker	373420	757297	153	175	22	147
Receptor_215	Offsite Worker	373421	757207	157	185	28	153
Receptor_216	Offsite Worker	373421	757118	162	195	33	158
Receptor_217	Offsite Worker	373292	757117	163	196	33	158
Receptor_218	Offsite Worker	373213	757118	165	196	31	156
Receptor_219	Offsite Worker	373158	757066	169	204	35	160
Receptor_22	Recreational	366569	757250	132	135	2	127

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	177	210	33	157
Receptor_221	Offsite Worker	373009	757011	184	216	33	157
Receptor_222	Offsite Worker	372922	757009	184	217	33	158
Receptor_223	Offsite Worker	372835	757007	178	216	37	162
Receptor_224	Offsite Worker	372747	757006	177	230	54	179
Receptor_225	Offsite Worker	372660	757004	177	218	41	166
Receptor_226	Offsite Worker	372651	757063	169	199	31	156
Receptor_227	Offsite Worker	372629	756931	183	232	49	174
Receptor_228	Offsite Worker	372631	756857	200	255	55	180
Receptor_229	Offsite Worker	372634	756783	221	287	67	192
Receptor_23	Recreational	366530	757338	131	133	2	127
Receptor_230	Offsite Worker	372702	756778	222	274	52	176
Receptor_231	Offsite Worker	372756	756775	220	286	66	191
Receptor_232	Offsite Worker	372729	756712	243	302	59	184
Receptor_233	Offsite Worker	372703	756650	262	346	85	210
Receptor_234	Offsite Worker	372677	756588	291	397	105	230
Receptor_235	Offsite Worker	372619	756588	293	414	121	246
Receptor_236	Offsite Worker	372622	756509	378	532	155	279
Receptor_237	Offsite Worker	372700	756511	354	488	134	259
Receptor_238	Offsite Worker	372789	756510	316	423	107	232
Receptor_239	Offsite Worker	372871	756509	302	395	93	217
Receptor_24	Recreational	366492	757427	130	131	1	126
Receptor_240	Offsite Worker	372871	756437	322	436	114	239
Receptor_241	Offsite Worker	372970	756437	295	386	91	216
Receptor_242	Offsite Worker	373069	756437	261	340	79	204
Receptor_243	Offsite Worker	373168	756437	243	310	66	191
Receptor_244	Offsite Worker	373267	756437	232	289	57	181
Receptor_245	Offsite Worker	373412	756437	212	260	48	173
Receptor_246	Offsite Worker	373409	756339	221	265	44	169
Receptor_247	Offsite Worker	373406	756240	213	264	51	176
Receptor_248	Offsite Worker	373403	756142	206	243	37	162
Receptor_249	Offsite Worker	373400	756042	195	228	33	158
Receptor_25	Recreational	366453	757515	126	130	4	129
Receptor_250	Offsite Worker	373397	755944	202	226	25	150
Receptor_251	Offsite Worker	373393	755846	193	207	13	138
Receptor_252	Offsite Worker	373390	755747	181	194	13	138
Receptor_253	Offsite Worker	373309	755744	182	199	16	141
Receptor_254	Offsite Worker	373229	755743	183	201	18	143
Receptor_255	Offsite Worker	373143	755741	184	206	22	146
Receptor_256	Offsite Worker	373143	755823	195	214	19	144
Receptor_257	Offsite Worker	373143	755906	208	232	24	149
Receptor_258	Offsite Worker	373065	755906	212	235	23	148
Receptor_259	Offsite Worker	373065	755827	198	223	25	150
Receptor_26	Recreational	366415	757603	124	129	5	129
Receptor_260	Offsite Worker	373068	755733	184	213	28	153

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					98th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	188	214	27	151
Receptor_262	Offsite Worker	372941	755733	192	217	25	150
Receptor_263	Offsite Worker	372941	755636	182	198	16	141
Receptor_264	Offsite Worker	372941	755539	175	185	11	135
Receptor_265	Offsite Worker	372941	755442	168	171	3	128
Receptor_266	Offsite Worker	372913	755342	162	168	5	130
Receptor_267	Offsite Worker	372817	755346	163	168	5	129
Receptor_268	Offsite Worker	372720	755349	164	169	5	130
Receptor_269	Offsite Worker	372624	755352	162	171	9	134
Receptor_27	Recreational	366376	757692	123	127	4	129
Receptor_270	Offsite Worker	372527	755349	163	179	16	141
Receptor_271	Offsite Worker	372431	755353	168	176	9	134
Receptor_272	Offsite Worker	372334	755356	174	175	1	126
Receptor_273	Offsite Worker	372237	755359	168	175	7	132
Receptor_274	Offsite Worker	372141	755362	164	177	13	138
Receptor_275	Offsite Worker	372044	755366	160	171	11	136
Receptor_276	Offsite Worker	371948	755369	164	190	26	151
Receptor_277	Offsite Worker	371851	755372	170	191	21	146
Receptor_278	Offsite Worker	371755	755375	173	195	22	147
Receptor_279	Offsite Worker	371658	755378	173	187	14	139
Receptor_28	Residential	366338	757780	122	127	5	130
Receptor_280	Offsite Worker	371562	755382	169	188	18	143
Receptor_281	Offsite Worker	371465	755385	163	185	22	147
Receptor_282	Offsite Worker	371368	755388	167	181	14	139
Receptor_283	Offsite Worker	371272	755391	168	178	11	135
Receptor_284	Offsite Worker	371175	755395	167	176	10	134
Receptor_285	Offsite Worker	371079	755398	164	179	15	140
Receptor_286	Offsite Worker	371042	755478	168	191	23	147
Receptor_287	Offsite Worker	371009	755538	173	198	25	150
Receptor_288	Offsite Worker	370975	755597	176	205	29	154
Receptor_289	Offsite Worker	370925	755597	177	203	26	151
Receptor_29	Residential	366402	757746	123	128	5	130
Receptor_290	Offsite Worker	370860	755547	169	196	27	152
Receptor_291	Offsite Worker	370796	755497	163	189	26	151
Receptor_292	Offsite Worker	370733	755428	157	181	24	149
Receptor_293	Offsite Worker	370634	755428	164	179	15	140
Receptor_294	Offsite Worker	370536	755428	174	177	3	128
Receptor_295	Offsite Worker	370437	755428	176	177	1	126
Receptor_296	Offsite Worker	370338	755427	176	174	-2	123
Receptor_297	Residential	370239	755427	171	172	1	126
Receptor_298	Residential	370138	755427	168	171	4	128
Receptor_299	Residential	370040	755427	166	170	4	128
Receptor_3	Recreational	367301	755573	126	138	12	137
Receptor_30	Residential	366467	757713	124	129	5	130
Receptor_300	Residential	369941	755426	166	171	6	131

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	161	172	11	136
Receptor_302	School	369741	755435	155	170	15	140
Receptor_303	School	369643	755434	156	166	10	135
Receptor_304	Residential	369544	755434	156	166	10	135
Receptor_305	Residential	369445	755434	155	168	13	138
Receptor_306	Residential	369346	755434	153	168	16	141
Receptor_307	Offsite Worker	369249	755442	149	168	19	144
Receptor_308	Offsite Worker	369151	755442	148	160	12	137
Receptor_309	Offsite Worker	369052	755442	145	159	14	139
Receptor_31	Residential	366531	757679	124	129	5	130
Receptor_310	Residential	368953	755441	145	159	13	138
Receptor_311	Residential	368854	755441	146	159	13	138
Receptor_312	Residential	368755	755441	143	159	16	140
Receptor_313	Residential	368657	755441	141	157	17	142
Receptor_314	Residential	368558	755440	139	156	16	141
Receptor_315	Residential	368459	755440	139	156	17	142
Receptor_316	Residential	368360	755440	138	155	17	142
Receptor_317	Residential	368262	755439	136	151	15	140
Receptor_318	Residential	368186	755427	135	149	14	139
Receptor_319	Residential	368111	755414	134	148	14	139
Receptor_32	Residential	366567	757773	124	130	6	131
Receptor_320	Offsite Worker	368035	755402	132	146	14	139
Receptor_321	Offsite Worker	367960	755389	131	145	14	139
Receptor_322	Offsite Worker	367863	755390	129	144	15	140
Receptor_323	Offsite Worker	367766	755392	128	142	14	139
Receptor_324	Offsite Worker	367669	755393	127	140	13	138
Receptor_325	Offsite Worker	367572	755394	127	138	11	136
Receptor_326	Offsite Worker	367475	755395	126	138	12	137
Receptor_327	On-Site Occupational	370400	756850	211	172	-39	86
Receptor_33	Residential	366625	757758	125	131	6	131
Receptor_34	Residential	366682	757744	126	132	7	131
Receptor_35	Residential	366768	757788	126	133	8	132
Receptor_36	Residential	366854	757833	126	132	6	131
Receptor_37	Residential	366941	757877	127	132	6	130
Receptor_38	Residential	367027	757922	125	131	6	131
Receptor_39	Residential	367113	757966	128	132	4	129
Receptor_4	Recreational	367263	755661	124	137	13	138
Receptor_40	Residential	367192	757916	128	136	8	132
Receptor_41	Residential	367264	757916	130	136	6	131
Receptor_42	Residential	367335	757916	132	136	4	129
Receptor_43	Residential	367343	757966	132	135	3	128
Receptor_44	Residential	367404	757995	130	133	3	128
Receptor_45	Residential	367465	758024	133	134	1	126
Receptor_46	School	367504	757948	133	136	3	128
Receptor_47	School	367544	757873	136	141	5	130

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	135	139	4	129
Receptor_49	School	367623	757866	137	142	5	130
Receptor_5	Recreational	367224	755749	124	135	11	136
Receptor_50	School	367694	757866	137	142	5	130
Receptor_51	School	367716	757927	139	139	0	125
Receptor_52	School	367737	757988	135	139	3	128
Receptor_53	School	367727	758067	136	137	1	126
Receptor_54	School	367716	758146	138	134	-4	121
Receptor_55	Residential	367673	758189	136	133	-3	122
Receptor_56	School	367723	758254	137	134	-2	123
Receptor_57	School	367784	758221	138	135	-2	123
Receptor_58	School	367845	758189	139	137	-2	122
Receptor_59	Residential	367816	758096	140	137	-3	122
Receptor_6	Recreational	367186	755838	123	134	11	136
Receptor_60	Residential	367898	758066	141	139	-2	123
Receptor_61	Residential	367980	758035	143	142	-1	124
Receptor_62	Residential	368062	758005	145	143	-1	124
Receptor_63	Residential	368144	757975	146	145	-1	124
Receptor_64	Residential	368226	757945	149	147	-1	123
Receptor_65	Residential	368301	757943	151	148	-3	122
Receptor_66	Residential	368376	757941	153	149	-4	121
Receptor_67	Residential	368452	757940	155	150	-5	120
Receptor_68	Residential	368527	757938	156	151	-6	119
Receptor_69	Residential	368563	757880	160	158	-1	123
Receptor_7	Recreational	367147	755926	124	132	8	133
Receptor_70	Residential	368636	757926	159	152	-7	118
Receptor_71	Residential	368709	757971	157	151	-6	119
Receptor_72	Residential	368782	758017	156	151	-5	120
Receptor_73	Residential	368855	758062	156	152	-4	120
Receptor_74	Residential	368928	758108	157	153	-4	121
Receptor_75	Residential	369001	758153	155	153	-3	122
Receptor_76	Residential	369058	758074	160	156	-4	120
Receptor_77	Residential	369102	758103	158	156	-2	122
Receptor_78	Residential	369145	758132	157	154	-3	122
Receptor_79	Residential	369200	758065	161	159	-2	123
Receptor_8	Recreational	367109	756014	124	136	12	136
Receptor_80	Residential	369255	757998	167	163	-4	121
Receptor_81	Residential	369310	757931	173	167	-6	119
Receptor_82	Residential	369356	757981	170	165	-5	119
Receptor_83	Residential	369403	758031	167	163	-5	120
Receptor_84	Recreational	369336	758100	163	156	-7	117
Receptor_85	Recreational	369269	758170	159	151	-8	117
Receptor_86	Recreational	369202	758239	156	148	-7	117
Receptor_87	Recreational	369264	758285	153	145	-9	116
Receptor_88	Recreational	369326	758330	154	145	-9	116

Table 40							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						98th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	151	145	-6	119
Receptor_9	Recreational	367070	756103	123	135	12	137
Receptor_90	Recreational	369389	758462	150	144	-6	119
Receptor_91	Recreational	369389	758548	148	143	-6	119
Receptor_92	Residential	369389	758634	145	141	-4	121
Receptor_93	Residential	369469	758630	144	141	-3	122
Receptor_94	Residential	369549	758625	142	140	-2	123
Receptor_95	Residential	369630	758621	145	141	-4	121
Receptor_96	Residential	369710	758617	145	142	-3	122
Receptor_97	Residential	369791	758613	144	143	-1	124
Receptor_98	Residential	369791	758514	147	147	0	124
Receptor_99	Residential	369791	758416	157	151	-6	119

Table 41											
LAX SPAS										VisW Flight Rule	
Operational Concentrations										NO ₂ , 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)										98th Percentile	
Peak Values				Peak Incremental Values				Total Concentration (NAAQS)			
Type	1-Hour NO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour NO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour NO ₂ (µg/m ³)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	173	369310	757931	Residential	43	371183	758027	Residential	168	371183	758027
School	181	370250	758189	School	15	369741	755435	School	140	369741	755435
Offsite Worker	378	372622	756509	Offsite Worker	155	372622	756509	Offsite Worker	279	372622	756509
Recreational	163	369336	758100	Recreational	15	367340	755485	Recreational	140	367340	755485
On-Site Occupational	211	370400	756850	On-Site Occupational	-39	370400	756850	On-Site Occupational	86	370400	756850
Staff-Recommended Alternative											
Residential	209	371183	758027								
School	170	369741	755435								
Offsite Worker	532	372622	756509								
Recreational	156	369336	758100								
On-Site Occupational	172	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
98th percentile (high 8th high in AERMOD) only applicable to NAAQS.											

Table 42							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	11	11	0	26
Receptor_10	Recreational	367032	756191	10	10	0	26
Receptor_100	Residential	369791	758318	16	19	3	30
Receptor_101	Residential	369881	758318	16	20	3	30
Receptor_102	Residential	369972	758318	17	20	3	30
Receptor_103	Residential	370062	758318	18	21	3	30
Receptor_104	Residential	370153	758318	19	22	3	30
Receptor_105	Residential	370243	758318	20	23	3	30
Receptor_106	School	370247	758254	21	25	4	30
Receptor_107	School	370250	758189	23	26	4	30
Receptor_108	School	370308	758196	23	27	4	30
Receptor_109	School	370361	758236	23	26	4	30
Receptor_11	Recreational	366993	756279	10	10	0	26
Receptor_110	School	370415	758275	22	25	3	30
Receptor_111	Residential	370408	758347	20	24	3	30
Receptor_112	Residential	370490	758344	21	24	3	29
Receptor_113	Residential	370572	758341	22	25	3	29
Receptor_114	Residential	370654	758338	23	26	3	29
Receptor_115	Residential	370735	758335	23	26	3	29
Receptor_116	Residential	370817	758333	24	27	3	29
Receptor_117	Offsite Worker	370814	758243	26	29	3	30
Receptor_118	Offsite Worker	370810	758153	29	32	4	30
Receptor_119	Offsite Worker	370807	758063	32	36	4	30
Receptor_12	Recreational	366954	756367	9	9	0	26
Receptor_120	Offsite Worker	370803	757974	36	40	5	31
Receptor_121	Offsite Worker	370835	757927	38	44	6	32
Receptor_122	Offsite Worker	370868	757880	40	47	7	33
Receptor_123	Offsite Worker	370921	757884	39	47	8	35
Receptor_124	Offsite Worker	370975	757887	38	48	9	36
Receptor_125	Offsite Worker	370975	757794	41	57	16	42
Receptor_126	Offsite Worker	371026	757794	40	57	17	43
Receptor_127	Offsite Worker	371076	757877	37	49	11	38
Receptor_128	Offsite Worker	371126	757959	35	43	8	35
Receptor_129	Offsite Worker	371119	758031	32	39	6	33
Receptor_13	Recreational	366916	756456	9	9	0	26
Receptor_130	Residential	371183	758027	32	39	7	33
Receptor_131	Residential	371248	758024	32	39	7	33
Receptor_132	Residential	371326	758075	31	36	6	32
Receptor_133	Residential	371404	758127	30	34	5	31
Receptor_134	Residential	371481	758178	28	32	4	30
Receptor_135	Residential	371559	758230	27	30	3	30
Receptor_136	Residential	371637	758281	26	29	3	29
Receptor_137	Residential	371715	758333	25	28	2	29
Receptor_138	Residential	371769	758261	27	29	2	28
Receptor_139	Residential	371822	758189	30	29	-1	25

Table 42							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	9	9	0	26
Receptor_140	Residential	371894	758160	34	29	-5	21
Receptor_141	Residential	371894	758081	43	30	-13	13
Receptor_142	Residential	371959	758074	37	29	-8	18
Receptor_143	Offsite Worker	371953	757977	42	29	-12	14
Receptor_144	Offsite Worker	371948	757880	37	30	-8	19
Receptor_145	Offsite Worker	371943	757783	38	30	-8	19
Receptor_146	Offsite Worker	372016	757794	35	29	-5	21
Receptor_147	Offsite Worker	372102	757791	33	29	-4	22
Receptor_148	Offsite Worker	372178	757760	33	28	-5	21
Receptor_149	Offsite Worker	372177	757670	35	29	-6	20
Receptor_15	Recreational	366839	756632	8	8	0	26
Receptor_150	Offsite Worker	372176	757579	35	29	-6	20
Receptor_151	Offsite Worker	372174	757489	34	29	-4	22
Receptor_152	Offsite Worker	372173	757398	33	30	-3	24
Receptor_153	Offsite Worker	372171	757308	32	31	-1	25
Receptor_154	Offsite Worker	372055	757309	34	31	-3	23
Receptor_155	Residential	372055	757363	35	31	-4	22
Receptor_156	Offsite Worker	372055	757416	35	31	-5	22
Receptor_157	Offsite Worker	371952	757442	38	31	-7	19
Receptor_158	Offsite Worker	371950	757345	41	32	-9	17
Receptor_159	Offsite Worker	371864	757344	57	33	-24	2
Receptor_16	Recreational	366800	756720	8	8	0	26
Receptor_160	Offsite Worker	371790	757347	58	33	-25	1
Receptor_161	Offsite Worker	371708	757356	54	34	-21	6
Receptor_162	Offsite Worker	371615	757356	46	35	-12	14
Receptor_163	Offsite Worker	371523	757356	45	35	-10	16
Receptor_164	Offsite Worker	371430	757356	45	36	-9	17
Receptor_165	Offsite Worker	371338	757356	45	36	-9	18
Receptor_166	Offsite Worker	371245	757356	46	38	-9	18
Receptor_167	Offsite Worker	371153	757356	48	39	-8	18
Receptor_168	Offsite Worker	371061	757356	50	42	-8	18
Receptor_169	Offsite Worker	371005	757357	51	44	-7	19
Receptor_17	Recreational	366762	756809	7	7	0	26
Receptor_170	Offsite Worker	370998	757293	54	43	-11	16
Receptor_171	Offsite Worker	370998	757194	57	42	-14	12
Receptor_172	Offsite Worker	370998	757096	60	42	-17	9
Receptor_173	Offsite Worker	370998	756998	64	45	-19	7
Receptor_174	Offsite Worker	371057	756997	57	42	-14	12
Receptor_175	Offsite Worker	371153	756997	54	41	-13	14
Receptor_176	Offsite Worker	371249	756997	57	41	-16	10
Receptor_177	Offsite Worker	371345	756997	48	39	-9	17
Receptor_178	Offsite Worker	371440	756997	43	37	-6	20
Receptor_179	Offsite Worker	371536	756997	41	37	-5	22
Receptor_18	Recreational	366723	756897	7	7	0	26

Table 42							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	40	36	-4	23
Receptor_181	Offsite Worker	371728	756997	38	36	-2	24
Receptor_182	Offsite Worker	371824	756997	38	36	-2	25
Receptor_183	Offsite Worker	371920	756997	37	36	-1	25
Receptor_184	Offsite Worker	372016	756997	36	36	0	26
Receptor_185	Offsite Worker	372111	756997	35	36	1	27
Receptor_186	Offsite Worker	372207	756997	36	37	0	27
Receptor_187	Offsite Worker	372303	756997	35	37	1	28
Receptor_188	Offsite Worker	372399	756997	35	37	2	28
Receptor_189	Offsite Worker	372495	756997	35	37	2	29
Receptor_19	Recreational	366685	756985	6	6	0	27
Receptor_190	Offsite Worker	372591	756997	34	37	2	29
Receptor_191	Offsite Worker	372610	757063	32	35	3	29
Receptor_192	Offsite Worker	372612	757132	31	33	3	29
Receptor_193	Offsite Worker	372614	757201	30	32	2	29
Receptor_194	Offsite Worker	372616	757270	29	31	2	28
Receptor_195	Offsite Worker	372627	757351	28	29	1	28
Receptor_196	Offsite Worker	372651	757422	27	29	1	28
Receptor_197	Offsite Worker	372676	757494	27	28	1	27
Receptor_198	Offsite Worker	372704	757569	27	27	1	27
Receptor_199	Offsite Worker	372733	757645	26	26	0	26
Receptor_2	Recreational	367340	755485	11	11	0	26
Receptor_20	Recreational	366646	757074	6	6	0	27
Receptor_200	Offsite Worker	372746	757702	26	26	0	26
Receptor_201	Offsite Worker	372746	757768	26	25	-1	25
Receptor_202	Offsite Worker	372807	757781	25	25	0	26
Receptor_203	Offsite Worker	372901	757782	24	25	1	27
Receptor_204	Offsite Worker	372994	757783	23	25	1	28
Receptor_205	Offsite Worker	373087	757783	23	24	1	28
Receptor_206	Offsite Worker	373180	757784	22	24	2	28
Receptor_207	Offsite Worker	373274	757785	21	23	2	28
Receptor_208	Offsite Worker	373367	757786	21	22	2	28
Receptor_209	Offsite Worker	373418	757742	21	22	2	28
Receptor_21	Recreational	366607	757162	5	6	0	27
Receptor_210	Offsite Worker	373418	757653	21	23	2	28
Receptor_211	Offsite Worker	373419	757564	21	23	2	28
Receptor_212	Offsite Worker	373419	757475	21	23	2	28
Receptor_213	Offsite Worker	373420	757386	22	24	2	28
Receptor_214	Offsite Worker	373420	757297	22	24	2	29
Receptor_215	Offsite Worker	373421	757207	23	25	2	28
Receptor_216	Offsite Worker	373421	757118	23	25	2	28
Receptor_217	Offsite Worker	373292	757117	24	27	3	29
Receptor_218	Offsite Worker	373213	757118	25	28	3	29
Receptor_219	Offsite Worker	373158	757066	27	29	2	28
Receptor_22	Recreational	366569	757250	5	5	0	27

Table 42							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	29	30	2	28
Receptor_221	Offsite Worker	373009	757011	31	31	1	27
Receptor_222	Offsite Worker	372922	757009	35	33	-2	24
Receptor_223	Offsite Worker	372835	757007	35	34	-1	25
Receptor_224	Offsite Worker	372747	757006	33	35	2	28
Receptor_225	Offsite Worker	372660	757004	33	36	2	29
Receptor_226	Offsite Worker	372651	757063	32	35	3	29
Receptor_227	Offsite Worker	372629	756931	37	39	2	28
Receptor_228	Offsite Worker	372631	756857	40	41	2	28
Receptor_229	Offsite Worker	372634	756783	43	45	2	29
Receptor_23	Recreational	366530	757338	5	5	0	27
Receptor_230	Offsite Worker	372702	756778	43	44	1	28
Receptor_231	Offsite Worker	372756	756775	44	43	0	26
Receptor_232	Offsite Worker	372729	756712	44	48	4	30
Receptor_233	Offsite Worker	372703	756650	47	53	6	32
Receptor_234	Offsite Worker	372677	756588	52	59	7	34
Receptor_235	Offsite Worker	372619	756588	56	62	6	33
Receptor_236	Offsite Worker	372622	756509	62	70	8	34
Receptor_237	Offsite Worker	372700	756511	55	62	7	33
Receptor_238	Offsite Worker	372789	756510	46	52	6	33
Receptor_239	Offsite Worker	372871	756509	39	44	5	31
Receptor_24	Recreational	366492	757427	4	5	0	27
Receptor_240	Offsite Worker	372871	756437	36	39	3	30
Receptor_241	Offsite Worker	372970	756437	31	32	2	28
Receptor_242	Offsite Worker	373069	756437	27	27	0	27
Receptor_243	Offsite Worker	373168	756437	24	24	0	26
Receptor_244	Offsite Worker	373267	756437	22	21	-1	25
Receptor_245	Offsite Worker	373412	756437	20	18	-2	25
Receptor_246	Offsite Worker	373409	756339	19	16	-3	23
Receptor_247	Offsite Worker	373406	756240	19	14	-5	21
Receptor_248	Offsite Worker	373403	756142	20	12	-8	18
Receptor_249	Offsite Worker	373400	756042	16	10	-6	20
Receptor_25	Recreational	366453	757515	4	5	0	27
Receptor_250	Offsite Worker	373397	755944	11	9	-2	24
Receptor_251	Offsite Worker	373393	755846	9	8	-1	25
Receptor_252	Offsite Worker	373390	755747	8	7	-1	25
Receptor_253	Offsite Worker	373309	755744	8	7	-1	25
Receptor_254	Offsite Worker	373229	755743	9	8	-2	25
Receptor_255	Offsite Worker	373143	755741	10	8	-2	24
Receptor_256	Offsite Worker	373143	755823	14	9	-5	22
Receptor_257	Offsite Worker	373143	755906	21	10	-11	16
Receptor_258	Offsite Worker	373065	755906	29	11	-18	8
Receptor_259	Offsite Worker	373065	755827	21	10	-11	15
Receptor_26	Recreational	366415	757603	4	4	0	27
Receptor_260	Offsite Worker	373068	755733	11	8	-3	23

Table 42							VisW Flight Rule
LAX SPAS							NO2, Annual Averaging Time
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAAQs) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	14	9	-5	21
Receptor_262	Offsite Worker	372941	755733	16	9	-7	19
Receptor_263	Offsite Worker	372941	755636	11	8	-3	24
Receptor_264	Offsite Worker	372941	755539	9	7	-1	25
Receptor_265	Offsite Worker	372941	755442	7	7	-1	26
Receptor_266	Offsite Worker	372913	755342	7	6	0	26
Receptor_267	Offsite Worker	372817	755346	7	7	0	26
Receptor_268	Offsite Worker	372720	755349	8	7	-1	26
Receptor_269	Offsite Worker	372624	755352	8	8	-1	26
Receptor_27	Recreational	366376	757692	4	4	0	27
Receptor_270	Offsite Worker	372527	755349	9	8	-1	25
Receptor_271	Offsite Worker	372431	755353	12	9	-2	24
Receptor_272	Offsite Worker	372334	755356	14	10	-4	23
Receptor_273	Offsite Worker	372237	755359	16	12	-4	22
Receptor_274	Offsite Worker	372141	755362	18	13	-5	22
Receptor_275	Offsite Worker	372044	755366	18	14	-4	22
Receptor_276	Offsite Worker	371948	755369	18	15	-4	23
Receptor_277	Offsite Worker	371851	755372	20	16	-4	22
Receptor_278	Offsite Worker	371755	755375	20	16	-4	22
Receptor_279	Offsite Worker	371658	755378	20	17	-3	23
Receptor_28	Residential	366338	757780	4	4	0	27
Receptor_280	Offsite Worker	371562	755382	21	18	-3	24
Receptor_281	Offsite Worker	371465	755385	21	19	-2	24
Receptor_282	Offsite Worker	371368	755388	24	20	-3	23
Receptor_283	Offsite Worker	371272	755391	22	20	-2	24
Receptor_284	Offsite Worker	371175	755395	22	21	-2	24
Receptor_285	Offsite Worker	371079	755398	22	21	-2	25
Receptor_286	Offsite Worker	371042	755478	24	23	-2	25
Receptor_287	Offsite Worker	371009	755538	26	25	-1	25
Receptor_288	Offsite Worker	370975	755597	28	27	-1	25
Receptor_289	Offsite Worker	370925	755597	28	27	-1	25
Receptor_29	Residential	366402	757746	4	4	0	27
Receptor_290	Offsite Worker	370860	755547	26	25	-1	25
Receptor_291	Offsite Worker	370796	755497	24	23	-1	25
Receptor_292	Offsite Worker	370733	755428	22	22	-1	25
Receptor_293	Offsite Worker	370634	755428	22	22	-1	26
Receptor_294	Offsite Worker	370536	755428	23	22	-1	25
Receptor_295	Offsite Worker	370437	755428	23	22	-1	25
Receptor_296	Offsite Worker	370338	755427	24	22	-1	25
Receptor_297	Residential	370239	755427	24	22	-1	25
Receptor_298	Residential	370138	755427	23	22	-1	25
Receptor_299	Residential	370040	755427	23	22	-1	25
Receptor_3	Recreational	367301	755573	11	11	0	26
Receptor_30	Residential	366467	757713	4	4	0	27
Receptor_300	Residential	369941	755426	22	21	-1	25

Table 42							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	22	21	-1	25
Receptor_302	School	369741	755435	23	21	-2	25
Receptor_303	School	369643	755434	22	21	-2	25
Receptor_304	Residential	369544	755434	22	20	-1	25
Receptor_305	Residential	369445	755434	21	20	-1	25
Receptor_306	Residential	369346	755434	20	19	-1	26
Receptor_307	Offsite Worker	369249	755442	19	19	0	26
Receptor_308	Offsite Worker	369151	755442	19	18	0	26
Receptor_309	Offsite Worker	369052	755442	18	18	0	26
Receptor_31	Residential	366531	757679	4	4	0	27
Receptor_310	Residential	368953	755441	18	18	0	26
Receptor_311	Residential	368854	755441	17	17	0	26
Receptor_312	Residential	368755	755441	17	17	0	26
Receptor_313	Residential	368657	755441	16	16	0	26
Receptor_314	Residential	368558	755440	16	16	0	26
Receptor_315	Residential	368459	755440	15	15	0	26
Receptor_316	Residential	368360	755440	15	15	0	26
Receptor_317	Residential	368262	755439	15	14	0	26
Receptor_318	Residential	368186	755427	14	14	0	26
Receptor_319	Residential	368111	755414	14	14	0	26
Receptor_32	Residential	366567	757773	4	4	0	27
Receptor_320	Offsite Worker	368035	755402	14	13	0	26
Receptor_321	Offsite Worker	367960	755389	13	13	0	26
Receptor_322	Offsite Worker	367863	755390	13	13	0	26
Receptor_323	Offsite Worker	367766	755392	13	12	0	26
Receptor_324	Offsite Worker	367669	755393	12	12	0	26
Receptor_325	Offsite Worker	367572	755394	12	12	0	26
Receptor_326	Offsite Worker	367475	755395	12	12	0	26
Receptor_327	On-Site Occupational	370400	756850	96	62	-34	-8
Receptor_33	Residential	366625	757758	4	4	0	27
Receptor_34	Residential	366682	757744	4	5	0	27
Receptor_35	Residential	366768	757788	4	5	0	27
Receptor_36	Residential	366854	757833	4	5	0	27
Receptor_37	Residential	366941	757877	4	5	0	27
Receptor_38	Residential	367027	757922	4	5	0	27
Receptor_39	Residential	367113	757966	4	5	0	27
Receptor_4	Recreational	367263	755661	11	11	0	26
Receptor_40	Residential	367192	757916	5	5	0	27
Receptor_41	Residential	367264	757916	5	5	0	27
Receptor_42	Residential	367335	757916	5	5	0	27
Receptor_43	Residential	367343	757966	5	5	0	27
Receptor_44	Residential	367404	757995	5	5	0	27
Receptor_45	Residential	367465	758024	5	5	0	27
Receptor_46	School	367504	757948	5	6	0	27
Receptor_47	School	367544	757873	6	6	0	26

Table 42							
LAX SPAS							VisW Flight Rule
Operational Concentrations							NO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	6	6	0	26
Receptor_49	School	367623	757866	6	6	0	26
Receptor_5	Recreational	367224	755749	11	11	0	26
Receptor_50	School	367694	757866	6	6	0	26
Receptor_51	School	367716	757927	6	6	0	26
Receptor_52	School	367737	757988	6	6	0	26
Receptor_53	School	367727	758067	6	6	0	27
Receptor_54	School	367716	758146	6	6	0	27
Receptor_55	Residential	367673	758189	5	6	0	27
Receptor_56	School	367723	758254	5	6	0	27
Receptor_57	School	367784	758221	5	6	0	27
Receptor_58	School	367845	758189	6	6	0	27
Receptor_59	Residential	367816	758096	6	6	0	27
Receptor_6	Recreational	367186	755838	11	11	0	26
Receptor_60	Residential	367898	758066	6	7	0	27
Receptor_61	Residential	367980	758035	7	7	0	27
Receptor_62	Residential	368062	758005	7	7	0	27
Receptor_63	Residential	368144	757975	8	8	0	27
Receptor_64	Residential	368226	757945	8	9	0	27
Receptor_65	Residential	368301	757943	9	9	0	27
Receptor_66	Residential	368376	757941	9	10	0	27
Receptor_67	Residential	368452	757940	10	10	1	27
Receptor_68	Residential	368527	757938	10	11	1	27
Receptor_69	Residential	368563	757880	11	12	1	27
Receptor_7	Recreational	367147	755926	10	10	0	26
Receptor_70	Residential	368636	757926	11	13	1	28
Receptor_71	Residential	368709	757971	11	13	2	28
Receptor_72	Residential	368782	758017	11	13	2	28
Receptor_73	Residential	368855	758062	11	13	2	29
Receptor_74	Residential	368928	758108	11	14	2	29
Receptor_75	Residential	369001	758153	11	14	2	29
Receptor_76	Residential	369058	758074	13	16	3	29
Receptor_77	Residential	369102	758103	13	16	3	29
Receptor_78	Residential	369145	758132	13	16	3	29
Receptor_79	Residential	369200	758065	14	18	4	30
Receptor_8	Recreational	367109	756014	10	10	0	26
Receptor_80	Residential	369255	757998	16	21	5	31
Receptor_81	Residential	369310	757931	18	24	6	32
Receptor_82	Residential	369356	757981	18	23	5	32
Receptor_83	Residential	369403	758031	17	22	5	31
Receptor_84	Recreational	369336	758100	15	19	4	30
Receptor_85	Recreational	369269	758170	13	16	3	29
Receptor_86	Recreational	369202	758239	12	15	3	29
Receptor_87	Recreational	369264	758285	12	14	3	29
Receptor_88	Recreational	369326	758330	12	14	3	29

Table 42							
LAX SPAS						VisW Flight Rule	
Operational Concentrations						NO2, Annual Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	12	14	2	29
Receptor_9	Recreational	367070	756103	10	10	0	26
Receptor_90	Recreational	369389	758462	11	13	2	29
Receptor_91	Recreational	369389	758548	10	12	2	28
Receptor_92	Residential	369389	758634	10	12	2	28
Receptor_93	Residential	369469	758630	10	12	2	28
Receptor_94	Residential	369549	758625	11	13	2	28
Receptor_95	Residential	369630	758621	11	13	2	28
Receptor_96	Residential	369710	758617	12	14	2	28
Receptor_97	Residential	369791	758613	12	14	2	28
Receptor_98	Residential	369791	758514	13	15	2	29
Receptor_99	Residential	369791	758416	14	17	3	29

Table 43														
LAX SPAS											VisW Flight Rule			
Operational Concentrations											NO2, Annual Averaging Time			
11/14/2012 Staff-Recommended Alternative (SRA)														
Peak Values				Peak Incremental Values				Total Concentration (CAAQS/NAAQS)						
	Annual NO2		Location			Annual NO2		Location			Annual NO2		Location	
Type	(µg/m³)		X (m)	Y (m)	Type	(µg/m³)		X (m)	Y (m)	Type	(µg/m³)		X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative						
Residential	43		371894	758081	Residential	7		371248	758024	Residential	33		371248	758024
School	23		370308	758196	School	4		370250	758189	School	30		370250	758189
Offsite Worker	64		370998	756998	Offsite Worker	17		371026	757794	Offsite Worker	43		371026	757794
Recreational	15		369336	758100	Recreational	4		369336	758100	Recreational	30		369336	758100
On-Site Occupational	96		370400	756850	On-Site Occupational	-34		370400	756850	On-Site Occupational	-8		370400	756850
Staff-Recommended Alternative														
Residential	39		371248	758024										
School	27		370308	758196										
Offsite Worker	70		372622	756509										
Recreational	19		369336	758100										
On-Site Occupational	62		370400	756850										
Notes:														
Average concentration is modeled output from AERMOD, version 12060.														
Project concentration is difference between given alternative and baseline (project increment).														
Total concentration is project concentration plus monitored background concentration.														
Background concentration for CAAQS and NAAQS the same for averaging period.														

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	42	59	18	83
Receptor_10	Recreational	367032	756191	46	68	21	87
Receptor_100	Residential	369791	758318	96	97	1	66
Receptor_101	Residential	369881	758318	92	89	-3	63
Receptor_102	Residential	369972	758318	84	91	7	72
Receptor_103	Residential	370062	758318	75	89	14	79
Receptor_104	Residential	370153	758318	78	86	8	73
Receptor_105	Residential	370243	758318	79	82	3	69
Receptor_106	School	370247	758254	83	85	2	67
Receptor_107	School	370250	758189	88	87	0	65
Receptor_108	School	370308	758196	86	87	1	66
Receptor_109	School	370361	758236	84	85	1	66
Receptor_11	Recreational	366993	756279	43	75	32	98
Receptor_110	School	370415	758275	83	83	0	65
Receptor_111	Residential	370408	758347	79	78	0	65
Receptor_112	Residential	370490	758344	83	80	-3	62
Receptor_113	Residential	370572	758341	91	87	-3	62
Receptor_114	Residential	370654	758338	97	93	-4	61
Receptor_115	Residential	370735	758335	94	97	3	68
Receptor_116	Residential	370817	758333	79	97	18	84
Receptor_117	Offsite Worker	370814	758243	86	103	16	82
Receptor_118	Offsite Worker	370810	758153	93	107	14	79
Receptor_119	Offsite Worker	370807	758063	100	112	12	77
Receptor_12	Recreational	366954	756367	47	79	32	97
Receptor_120	Offsite Worker	370803	757974	99	120	21	86
Receptor_121	Offsite Worker	370835	757927	102	126	24	89
Receptor_122	Offsite Worker	370868	757880	115	141	26	91
Receptor_123	Offsite Worker	370921	757884	113	157	44	109
Receptor_124	Offsite Worker	370975	757887	107	176	69	134
Receptor_125	Offsite Worker	370975	757794	113	223	111	176
Receptor_126	Offsite Worker	371026	757794	111	250	140	205
Receptor_127	Offsite Worker	371076	757877	95	206	111	176
Receptor_128	Offsite Worker	371126	757959	90	175	86	151
Receptor_129	Offsite Worker	371119	758031	90	144	54	120
Receptor_13	Recreational	366916	756456	49	78	30	95
Receptor_130	Residential	371183	758027	86	160	74	140
Receptor_131	Residential	371248	758024	79	164	85	150
Receptor_132	Residential	371326	758075	74	146	72	138
Receptor_133	Residential	371404	758127	70	128	59	124
Receptor_134	Residential	371481	758178	66	112	47	112
Receptor_135	Residential	371559	758230	62	98	36	101
Receptor_136	Residential	371637	758281	59	86	27	93
Receptor_137	Residential	371715	758333	56	77	21	87
Receptor_138	Residential	371769	758261	54	81	27	92
Receptor_139	Residential	371822	758189	61	97	36	102

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_14	Recreational	366877	756544	47	73	27	92
Receptor_140	Residential	371894	758160	60	105	44	110
Receptor_141	Residential	371894	758081	58	111	52	118
Receptor_142	Residential	371959	758074	55	105	50	115
Receptor_143	Offsite Worker	371953	757977	55	104	50	115
Receptor_144	Offsite Worker	371948	757880	50	91	41	106
Receptor_145	Offsite Worker	371943	757783	54	88	34	100
Receptor_146	Offsite Worker	372016	757794	52	84	32	97
Receptor_147	Offsite Worker	372102	757791	51	78	27	92
Receptor_148	Offsite Worker	372178	757760	52	70	18	84
Receptor_149	Offsite Worker	372177	757670	55	79	24	89
Receptor_15	Recreational	366839	756632	49	65	16	82
Receptor_150	Offsite Worker	372176	757579	55	87	32	98
Receptor_151	Offsite Worker	372174	757489	52	86	35	100
Receptor_152	Offsite Worker	372173	757398	50	78	28	94
Receptor_153	Offsite Worker	372171	757308	56	77	21	86
Receptor_154	Offsite Worker	372055	757309	60	83	23	88
Receptor_155	Residential	372055	757363	57	79	22	87
Receptor_156	Offsite Worker	372055	757416	54	86	33	98
Receptor_157	Offsite Worker	371952	757442	57	95	38	104
Receptor_158	Offsite Worker	371950	757345	63	87	24	89
Receptor_159	Offsite Worker	371864	757344	67	93	26	91
Receptor_16	Recreational	366800	756720	49	56	7	72
Receptor_160	Offsite Worker	371790	757347	71	98	27	93
Receptor_161	Offsite Worker	371708	757356	75	104	29	95
Receptor_162	Offsite Worker	371615	757356	81	113	32	98
Receptor_163	Offsite Worker	371523	757356	87	122	35	100
Receptor_164	Offsite Worker	371430	757356	94	132	37	103
Receptor_165	Offsite Worker	371338	757356	103	142	39	104
Receptor_166	Offsite Worker	371245	757356	112	152	40	106
Receptor_167	Offsite Worker	371153	757356	122	163	42	107
Receptor_168	Offsite Worker	371061	757356	132	177	45	110
Receptor_169	Offsite Worker	371005	757357	140	188	49	114
Receptor_17	Recreational	366762	756809	49	55	6	71
Receptor_170	Offsite Worker	370998	757293	124	171	48	113
Receptor_171	Offsite Worker	370998	757194	95	155	60	126
Receptor_172	Offsite Worker	370998	757096	94	126	32	97
Receptor_173	Offsite Worker	370998	756998	83	103	20	85
Receptor_174	Offsite Worker	371057	756997	80	96	16	81
Receptor_175	Offsite Worker	371153	756997	78	92	14	80
Receptor_176	Offsite Worker	371249	756997	79	90	11	77
Receptor_177	Offsite Worker	371345	756997	78	89	12	77
Receptor_178	Offsite Worker	371440	756997	74	90	16	81
Receptor_179	Offsite Worker	371536	756997	77	92	15	81
Receptor_18	Recreational	366723	756897	47	55	8	74

Table 44							VisW Flight Rule
LAX SPAS							SO ₂ , 1-Hour Averaging Time
Operational Concentrations							Maximum Hourly Value
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_180	Offsite Worker	371632	756997	79	94	14	80
Receptor_181	Offsite Worker	371728	756997	79	105	26	91
Receptor_182	Offsite Worker	371824	756997	77	126	48	114
Receptor_183	Offsite Worker	371920	756997	74	135	61	126
Receptor_184	Offsite Worker	372016	756997	70	114	43	109
Receptor_185	Offsite Worker	372111	756997	66	108	42	107
Receptor_186	Offsite Worker	372207	756997	66	95	29	95
Receptor_187	Offsite Worker	372303	756997	72	101	29	94
Receptor_188	Offsite Worker	372399	756997	79	93	13	79
Receptor_189	Offsite Worker	372495	756997	86	102	16	81
Receptor_19	Recreational	366685	756985	44	61	16	82
Receptor_190	Offsite Worker	372591	756997	85	119	34	99
Receptor_191	Offsite Worker	372610	757063	78	110	32	98
Receptor_192	Offsite Worker	372612	757132	74	101	27	92
Receptor_193	Offsite Worker	372614	757201	70	93	23	88
Receptor_194	Offsite Worker	372616	757270	66	85	19	85
Receptor_195	Offsite Worker	372627	757351	62	79	17	82
Receptor_196	Offsite Worker	372651	757422	58	75	17	82
Receptor_197	Offsite Worker	372676	757494	55	72	17	82
Receptor_198	Offsite Worker	372704	757569	51	68	17	82
Receptor_199	Offsite Worker	372733	757645	48	65	17	83
Receptor_2	Recreational	367340	755485	46	60	15	80
Receptor_20	Recreational	366646	757074	45	64	19	85
Receptor_200	Offsite Worker	372746	757702	46	63	16	82
Receptor_201	Offsite Worker	372746	757768	45	59	14	80
Receptor_202	Offsite Worker	372807	757781	42	61	19	84
Receptor_203	Offsite Worker	372901	757782	40	59	19	84
Receptor_204	Offsite Worker	372994	757783	41	56	15	81
Receptor_205	Offsite Worker	373087	757783	43	57	15	80
Receptor_206	Offsite Worker	373180	757784	44	59	15	81
Receptor_207	Offsite Worker	373274	757785	42	58	16	81
Receptor_208	Offsite Worker	373367	757786	39	54	15	80
Receptor_209	Offsite Worker	373418	757742	43	50	6	72
Receptor_21	Recreational	366607	757162	47	64	18	83
Receptor_210	Offsite Worker	373418	757653	48	52	4	69
Receptor_211	Offsite Worker	373419	757564	52	54	2	67
Receptor_212	Offsite Worker	373419	757475	53	58	5	71
Receptor_213	Offsite Worker	373420	757386	54	67	13	78
Receptor_214	Offsite Worker	373420	757297	56	78	22	88
Receptor_215	Offsite Worker	373421	757207	55	91	36	102
Receptor_216	Offsite Worker	373421	757118	63	106	43	109
Receptor_217	Offsite Worker	373292	757117	62	102	40	105
Receptor_218	Offsite Worker	373213	757118	67	99	32	98
Receptor_219	Offsite Worker	373158	757066	70	106	36	101
Receptor_22	Recreational	366569	757250	47	60	12	78

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_220	Offsite Worker	373084	757026	75	111	37	102
Receptor_221	Offsite Worker	373009	757011	87	111	25	90
Receptor_222	Offsite Worker	372922	757009	90	109	19	84
Receptor_223	Offsite Worker	372835	757007	81	111	30	95
Receptor_224	Offsite Worker	372747	757006	86	114	29	94
Receptor_225	Offsite Worker	372660	757004	80	116	35	101
Receptor_226	Offsite Worker	372651	757063	72	112	40	105
Receptor_227	Offsite Worker	372629	756931	88	130	41	107
Receptor_228	Offsite Worker	372631	756857	102	135	34	99
Receptor_229	Offsite Worker	372634	756783	117	157	40	105
Receptor_23	Recreational	366530	757338	47	54	7	73
Receptor_230	Offsite Worker	372702	756778	118	160	42	107
Receptor_231	Offsite Worker	372756	756775	128	165	37	102
Receptor_232	Offsite Worker	372729	756712	146	194	48	114
Receptor_233	Offsite Worker	372703	756650	164	234	71	136
Receptor_234	Offsite Worker	372677	756588	176	289	114	179
Receptor_235	Offsite Worker	372619	756588	189	281	92	157
Receptor_236	Offsite Worker	372622	756509	225	383	158	224
Receptor_237	Offsite Worker	372700	756511	227	383	156	222
Receptor_238	Offsite Worker	372789	756510	221	321	100	166
Receptor_239	Offsite Worker	372871	756509	205	235	30	95
Receptor_24	Recreational	366492	757427	47	54	7	73
Receptor_240	Offsite Worker	372871	756437	196	280	84	149
Receptor_241	Offsite Worker	372970	756437	176	253	77	142
Receptor_242	Offsite Worker	373069	756437	159	230	71	137
Receptor_243	Offsite Worker	373168	756437	143	210	66	132
Receptor_244	Offsite Worker	373267	756437	130	192	62	127
Receptor_245	Offsite Worker	373412	756437	115	171	56	122
Receptor_246	Offsite Worker	373409	756339	128	183	55	120
Receptor_247	Offsite Worker	373406	756240	144	157	13	78
Receptor_248	Offsite Worker	373403	756142	133	160	27	92
Receptor_249	Offsite Worker	373400	756042	133	173	41	106
Receptor_25	Recreational	366453	757515	45	55	10	75
Receptor_250	Offsite Worker	373397	755944	117	161	44	109
Receptor_251	Offsite Worker	373393	755846	100	145	46	111
Receptor_252	Offsite Worker	373390	755747	85	129	43	109
Receptor_253	Offsite Worker	373309	755744	85	130	45	110
Receptor_254	Offsite Worker	373229	755743	85	131	45	111
Receptor_255	Offsite Worker	373143	755741	85	131	46	111
Receptor_256	Offsite Worker	373143	755823	98	150	52	118
Receptor_257	Offsite Worker	373143	755906	111	164	53	119
Receptor_258	Offsite Worker	373065	755906	112	168	57	122
Receptor_259	Offsite Worker	373065	755827	99	154	54	120
Receptor_26	Recreational	366415	757603	43	56	13	78
Receptor_260	Offsite Worker	373068	755733	84	130	45	111

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_261	Offsite Worker	373007	755733	84	130	45	111
Receptor_262	Offsite Worker	372941	755733	85	129	44	110
Receptor_263	Offsite Worker	372941	755636	78	102	24	90
Receptor_264	Offsite Worker	372941	755539	70	83	12	78
Receptor_265	Offsite Worker	372941	755442	65	71	6	72
Receptor_266	Offsite Worker	372913	755342	59	67	8	74
Receptor_267	Offsite Worker	372817	755346	60	68	8	73
Receptor_268	Offsite Worker	372720	755349	61	72	11	76
Receptor_269	Offsite Worker	372624	755352	62	77	15	80
Receptor_27	Recreational	366376	757692	41	56	15	81
Receptor_270	Offsite Worker	372527	755349	63	81	18	83
Receptor_271	Offsite Worker	372431	755353	64	77	13	78
Receptor_272	Offsite Worker	372334	755356	67	73	6	71
Receptor_273	Offsite Worker	372237	755359	70	73	4	69
Receptor_274	Offsite Worker	372141	755362	71	74	2	68
Receptor_275	Offsite Worker	372044	755366	72	75	2	68
Receptor_276	Offsite Worker	371948	755369	73	83	10	75
Receptor_277	Offsite Worker	371851	755372	72	94	21	87
Receptor_278	Offsite Worker	371755	755375	71	89	18	83
Receptor_279	Offsite Worker	371658	755378	71	83	12	77
Receptor_28	Residential	366338	757780	39	56	17	82
Receptor_280	Offsite Worker	371562	755382	71	79	7	73
Receptor_281	Offsite Worker	371465	755385	72	80	8	74
Receptor_282	Offsite Worker	371368	755388	72	81	9	75
Receptor_283	Offsite Worker	371272	755391	72	80	8	73
Receptor_284	Offsite Worker	371175	755395	72	81	9	74
Receptor_285	Offsite Worker	371079	755398	72	81	9	74
Receptor_286	Offsite Worker	371042	755478	81	92	11	76
Receptor_287	Offsite Worker	371009	755538	88	100	12	77
Receptor_288	Offsite Worker	370975	755597	102	117	14	80
Receptor_289	Offsite Worker	370925	755597	104	118	14	80
Receptor_29	Residential	366402	757746	40	57	17	82
Receptor_290	Offsite Worker	370860	755547	95	110	14	80
Receptor_291	Offsite Worker	370796	755497	88	102	14	79
Receptor_292	Offsite Worker	370733	755428	88	108	20	86
Receptor_293	Offsite Worker	370634	755428	101	122	21	87
Receptor_294	Offsite Worker	370536	755428	110	129	19	85
Receptor_295	Offsite Worker	370437	755428	109	124	15	80
Receptor_296	Offsite Worker	370338	755427	109	128	19	85
Receptor_297	Residential	370239	755427	114	131	16	82
Receptor_298	Residential	370138	755427	139	132	-7	59
Receptor_299	Residential	370040	755427	141	136	-4	61
Receptor_3	Recreational	367301	755573	49	65	16	81
Receptor_30	Residential	366467	757713	41	58	17	82
Receptor_300	Residential	369941	755426	157	123	-33	32

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_301	Residential	369842	755426	127	137	10	76
Receptor_302	School	369741	755435	119	129	11	76
Receptor_303	School	369643	755434	111	133	22	87
Receptor_304	Residential	369544	755434	106	131	25	91
Receptor_305	Residential	369445	755434	101	114	13	78
Receptor_306	Residential	369346	755434	92	116	25	90
Receptor_307	Offsite Worker	369249	755442	81	111	30	96
Receptor_308	Offsite Worker	369151	755442	78	109	32	97
Receptor_309	Offsite Worker	369052	755442	81	104	23	89
Receptor_31	Residential	366531	757679	43	59	16	82
Receptor_310	Residential	368953	755441	84	98	15	80
Receptor_311	Residential	368854	755441	85	98	13	78
Receptor_312	Residential	368755	755441	85	97	12	77
Receptor_313	Residential	368657	755441	82	95	12	78
Receptor_314	Residential	368558	755440	78	91	13	78
Receptor_315	Residential	368459	755440	73	86	13	78
Receptor_316	Residential	368360	755440	67	83	16	82
Receptor_317	Residential	368262	755439	61	82	21	87
Receptor_318	Residential	368186	755427	58	81	23	89
Receptor_319	Residential	368111	755414	56	79	23	88
Receptor_32	Residential	366567	757773	41	60	19	85
Receptor_320	Offsite Worker	368035	755402	54	77	23	88
Receptor_321	Offsite Worker	367960	755389	52	75	23	88
Receptor_322	Offsite Worker	367863	755390	49	73	24	89
Receptor_323	Offsite Worker	367766	755392	48	71	23	89
Receptor_324	Offsite Worker	367669	755393	46	69	22	88
Receptor_325	Offsite Worker	367572	755394	44	66	21	87
Receptor_326	Offsite Worker	367475	755395	43	63	20	85
Receptor_327	On-Site Occupational	370400	756850	106	99	-7	58
Receptor_33	Residential	366625	757758	42	61	20	85
Receptor_34	Residential	366682	757744	42	63	20	86
Receptor_35	Residential	366768	757788	42	64	22	88
Receptor_36	Residential	366854	757833	42	65	23	89
Receptor_37	Residential	366941	757877	42	65	22	88
Receptor_38	Residential	367027	757922	45	63	18	83
Receptor_39	Residential	367113	757966	47	63	17	82
Receptor_4	Recreational	367263	755661	50	67	17	82
Receptor_40	Residential	367192	757916	48	66	18	84
Receptor_41	Residential	367264	757916	49	68	19	84
Receptor_42	Residential	367335	757916	51	70	19	85
Receptor_43	Residential	367343	757966	51	69	18	84
Receptor_44	Residential	367404	757995	53	70	17	83
Receptor_45	Residential	367465	758024	54	73	19	84
Receptor_46	School	367504	757948	54	75	20	86
Receptor_47	School	367544	757873	55	78	23	88

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						Maximum Hourly Value
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_48	School	367587	757909	56	79	23	88
Receptor_49	School	367623	757866	57	81	25	90
Receptor_5	Recreational	367224	755749	49	70	20	86
Receptor_50	School	367694	757866	58	85	26	92
Receptor_51	School	367716	757927	60	83	23	88
Receptor_52	School	367737	757988	61	87	26	92
Receptor_53	School	367727	758067	61	93	32	98
Receptor_54	School	367716	758146	59	99	39	105
Receptor_55	Residential	367673	758189	58	97	39	105
Receptor_56	School	367723	758254	55	107	52	117
Receptor_57	School	367784	758221	57	113	56	121
Receptor_58	School	367845	758189	59	118	60	125
Receptor_59	Residential	367816	758096	62	108	45	111
Receptor_6	Recreational	367186	755838	47	73	26	91
Receptor_60	Residential	367898	758066	64	117	52	118
Receptor_61	Residential	367980	758035	67	127	60	125
Receptor_62	Residential	368062	758005	69	138	69	134
Receptor_63	Residential	368144	757975	72	151	79	144
Receptor_64	Residential	368226	757945	75	165	90	155
Receptor_65	Residential	368301	757943	76	176	101	166
Receptor_66	Residential	368376	757941	76	182	107	172
Receptor_67	Residential	368452	757940	82	182	100	166
Receptor_68	Residential	368527	757938	90	175	85	150
Receptor_69	Residential	368563	757880	95	194	99	164
Receptor_7	Recreational	367147	755926	49	72	22	88
Receptor_70	Residential	368636	757926	95	156	62	127
Receptor_71	Residential	368709	757971	93	124	31	96
Receptor_72	Residential	368782	758017	89	117	27	93
Receptor_73	Residential	368855	758062	86	122	36	102
Receptor_74	Residential	368928	758108	85	135	50	115
Receptor_75	Residential	369001	758153	88	144	56	121
Receptor_76	Residential	369058	758074	94	156	62	127
Receptor_77	Residential	369102	758103	93	152	59	124
Receptor_78	Residential	369145	758132	90	143	53	119
Receptor_79	Residential	369200	758065	93	145	51	117
Receptor_8	Recreational	367109	756014	51	67	16	82
Receptor_80	Residential	369255	757998	96	144	48	113
Receptor_81	Residential	369310	757931	100	158	58	123
Receptor_82	Residential	369356	757981	90	152	62	128
Receptor_83	Residential	369403	758031	90	141	51	117
Receptor_84	Recreational	369336	758100	81	137	55	121
Receptor_85	Recreational	369269	758170	79	125	45	111
Receptor_86	Recreational	369202	758239	78	121	43	108
Receptor_87	Recreational	369264	758285	72	114	43	108
Receptor_88	Recreational	369326	758330	67	114	48	113

Table 44							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					Maximum Hourly Value	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_89	Recreational	369389	758376	74	109	35	101
Receptor_9	Recreational	367070	756103	49	65	15	81
Receptor_90	Recreational	369389	758462	71	103	32	98
Receptor_91	Recreational	369389	758548	68	98	29	95
Receptor_92	Residential	369389	758634	66	93	27	92
Receptor_93	Residential	369469	758630	71	88	17	82
Receptor_94	Residential	369549	758625	72	80	8	73
Receptor_95	Residential	369630	758621	70	80	10	75
Receptor_96	Residential	369710	758617	77	84	7	72
Receptor_97	Residential	369791	758613	80	83	3	69
Receptor_98	Residential	369791	758514	85	88	3	68
Receptor_99	Residential	369791	758416	90	92	2	67

Table 45											
LAX SPAS										VisW Flight Rule	
Operational Concentrations										SO ₂ , 1-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)										Maximum Hourly Value	
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)			
Type	1-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)		Type	1-Hour SO ₂ (µg/m ³)	Location X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	157	369941	755426	Residential	107	368376	757941	Residential	172	368376	757941
School	119	369741	755435	School	60	367845	758189	School	125	367845	758189
Offsite Worker	227	372700	756511	Offsite Worker	158	372622	756509	Offsite Worker	224	372622	756509
Recreational	81	369336	758100	Recreational	55	369336	758100	Recreational	121	369336	758100
On-Site Occupational	106	370400	756850	On-Site Occupational	-7	370400	756850	On-Site Occupational	58	370400	756850
Staff-Recommended Alternative											
Residential	194	368563	757880								
School	133	369643	755434								
Offsite Worker	383	372700	756511								
Recreational	137	369336	758100								
On-Site Occupational	99	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Maximum hourly value only applicable to CAAQS.											

Table 46							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	39	54	15	52
Receptor_10	Recreational	367032	756191	38	54	16	53
Receptor_100	Residential	369791	758318	75	87	12	49
Receptor_101	Residential	369881	758318	75	84	10	46
Receptor_102	Residential	369972	758318	76	82	6	43
Receptor_103	Residential	370062	758318	74	81	7	44
Receptor_104	Residential	370153	758318	71	78	6	43
Receptor_105	Residential	370243	758318	69	76	6	43
Receptor_106	School	370247	758254	73	78	5	42
Receptor_107	School	370250	758189	79	83	4	41
Receptor_108	School	370308	758196	78	85	7	44
Receptor_109	School	370361	758236	76	82	7	43
Receptor_11	Recreational	366993	756279	40	52	12	48
Receptor_110	School	370415	758275	77	80	3	40
Receptor_111	Residential	370408	758347	73	75	3	39
Receptor_112	Residential	370490	758344	71	76	5	42
Receptor_113	Residential	370572	758341	69	76	8	45
Receptor_114	Residential	370654	758338	70	76	6	42
Receptor_115	Residential	370735	758335	68	76	8	45
Receptor_116	Residential	370817	758333	66	77	11	48
Receptor_117	Offsite Worker	370814	758243	74	82	8	45
Receptor_118	Offsite Worker	370810	758153	80	89	9	46
Receptor_119	Offsite Worker	370807	758063	83	95	12	49
Receptor_12	Recreational	366954	756367	39	54	15	52
Receptor_120	Offsite Worker	370803	757974	89	106	17	54
Receptor_121	Offsite Worker	370835	757927	90	113	23	59
Receptor_122	Offsite Worker	370868	757880	90	132	42	79
Receptor_123	Offsite Worker	370921	757884	88	137	49	86
Receptor_124	Offsite Worker	370975	757887	84	144	61	97
Receptor_125	Offsite Worker	370975	757794	92	175	82	119
Receptor_126	Offsite Worker	371026	757794	89	163	74	111
Receptor_127	Offsite Worker	371076	757877	82	137	56	92
Receptor_128	Offsite Worker	371126	757959	70	119	50	86
Receptor_129	Offsite Worker	371119	758031	69	113	44	81
Receptor_13	Recreational	366916	756456	42	54	12	49
Receptor_130	Residential	371183	758027	65	109	44	81
Receptor_131	Residential	371248	758024	63	103	40	77
Receptor_132	Residential	371326	758075	58	96	38	75
Receptor_133	Residential	371404	758127	54	88	34	71
Receptor_134	Residential	371481	758178	51	84	33	70
Receptor_135	Residential	371559	758230	48	79	32	68
Receptor_136	Residential	371637	758281	45	76	31	67
Receptor_137	Residential	371715	758333	43	73	30	67
Receptor_138	Residential	371769	758261	45	75	31	67
Receptor_139	Residential	371822	758189	44	78	34	71
Receptor_14	Recreational	366877	756544	43	54	11	48

Table 46							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						99th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	43	74	31	67
Receptor_141	Residential	371894	758081	45	83	38	75
Receptor_142	Residential	371959	758074	43	82	39	76
Receptor_143	Offsite Worker	371953	757977	44	83	39	76
Receptor_144	Offsite Worker	371948	757880	43	73	29	66
Receptor_145	Offsite Worker	371943	757783	42	71	29	65
Receptor_146	Offsite Worker	372016	757794	40	67	27	63
Receptor_147	Offsite Worker	372102	757791	39	63	25	61
Receptor_148	Offsite Worker	372178	757760	39	63	24	61
Receptor_149	Offsite Worker	372177	757670	42	62	19	56
Receptor_15	Recreational	366839	756632	42	53	11	48
Receptor_150	Offsite Worker	372176	757579	41	61	19	56
Receptor_151	Offsite Worker	372174	757489	45	65	20	57
Receptor_152	Offsite Worker	372173	757398	46	67	21	58
Receptor_153	Offsite Worker	372171	757308	49	69	21	57
Receptor_154	Offsite Worker	372055	757309	49	72	24	60
Receptor_155	Residential	372055	757363	47	73	26	63
Receptor_156	Offsite Worker	372055	757416	50	72	22	59
Receptor_157	Offsite Worker	371952	757442	52	76	24	61
Receptor_158	Offsite Worker	371950	757345	49	80	30	67
Receptor_159	Offsite Worker	371864	757344	52	84	32	69
Receptor_16	Recreational	366800	756720	38	53	14	51
Receptor_160	Offsite Worker	371790	757347	54	89	35	72
Receptor_161	Offsite Worker	371708	757356	57	95	37	74
Receptor_162	Offsite Worker	371615	757356	61	101	40	77
Receptor_163	Offsite Worker	371523	757356	65	108	43	80
Receptor_164	Offsite Worker	371430	757356	69	116	47	84
Receptor_165	Offsite Worker	371338	757356	74	125	51	88
Receptor_166	Offsite Worker	371245	757356	79	135	56	92
Receptor_167	Offsite Worker	371153	757356	85	146	61	98
Receptor_168	Offsite Worker	371061	757356	91	159	68	105
Receptor_169	Offsite Worker	371005	757357	96	169	73	109
Receptor_17	Recreational	366762	756809	39	53	13	50
Receptor_170	Offsite Worker	370998	757293	85	143	58	94
Receptor_171	Offsite Worker	370998	757194	83	124	41	78
Receptor_172	Offsite Worker	370998	757096	83	112	29	66
Receptor_173	Offsite Worker	370998	756998	78	94	16	53
Receptor_174	Offsite Worker	371057	756997	75	89	14	50
Receptor_175	Offsite Worker	371153	756997	72	88	16	52
Receptor_176	Offsite Worker	371249	756997	68	87	18	55
Receptor_177	Offsite Worker	371345	756997	67	84	17	54
Receptor_178	Offsite Worker	371440	756997	67	83	16	53
Receptor_179	Offsite Worker	371536	756997	62	87	25	61
Receptor_18	Recreational	366723	756897	39	52	13	50
Receptor_180	Offsite Worker	371632	756997	61	84	23	59
Receptor_181	Offsite Worker	371728	756997	59	78	19	56

Table 46							VisW Flight Rule
LAX SPAS							SO ₂ , 1-Hour Averaging Time
Operational Concentrations							99th Percentile
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	56	83	27	64
Receptor_183	Offsite Worker	371920	756997	57	83	27	63
Receptor_184	Offsite Worker	372016	756997	59	85	26	63
Receptor_185	Offsite Worker	372111	756997	60	89	29	65
Receptor_186	Offsite Worker	372207	756997	63	87	24	61
Receptor_187	Offsite Worker	372303	756997	61	84	23	59
Receptor_188	Offsite Worker	372399	756997	62	87	25	62
Receptor_189	Offsite Worker	372495	756997	60	90	30	67
Receptor_19	Recreational	366685	756985	38	54	16	53
Receptor_190	Offsite Worker	372591	756997	63	95	31	68
Receptor_191	Offsite Worker	372610	757063	59	84	25	62
Receptor_192	Offsite Worker	372612	757132	54	75	21	57
Receptor_193	Offsite Worker	372614	757201	52	70	17	54
Receptor_194	Offsite Worker	372616	757270	49	65	17	53
Receptor_195	Offsite Worker	372627	757351	45	63	18	55
Receptor_196	Offsite Worker	372651	757422	43	62	20	56
Receptor_197	Offsite Worker	372676	757494	41	61	20	57
Receptor_198	Offsite Worker	372704	757569	41	58	17	54
Receptor_199	Offsite Worker	372733	757645	38	55	17	53
Receptor_2	Recreational	367340	755485	41	55	15	51
Receptor_20	Recreational	366646	757074	38	53	15	52
Receptor_200	Offsite Worker	372746	757702	37	52	15	52
Receptor_201	Offsite Worker	372746	757768	35	49	14	51
Receptor_202	Offsite Worker	372807	757781	36	50	14	51
Receptor_203	Offsite Worker	372901	757782	34	50	16	53
Receptor_204	Offsite Worker	372994	757783	35	49	14	50
Receptor_205	Offsite Worker	373087	757783	36	48	12	49
Receptor_206	Offsite Worker	373180	757784	36	47	11	47
Receptor_207	Offsite Worker	373274	757785	36	46	10	46
Receptor_208	Offsite Worker	373367	757786	38	45	7	44
Receptor_209	Offsite Worker	373418	757742	34	46	11	48
Receptor_21	Recreational	366607	757162	38	52	14	51
Receptor_210	Offsite Worker	373418	757653	36	46	10	46
Receptor_211	Offsite Worker	373419	757564	39	50	11	48
Receptor_212	Offsite Worker	373419	757475	42	52	10	47
Receptor_213	Offsite Worker	373420	757386	44	57	13	49
Receptor_214	Offsite Worker	373420	757297	47	61	15	51
Receptor_215	Offsite Worker	373421	757207	52	68	16	52
Receptor_216	Offsite Worker	373421	757118	56	76	19	56
Receptor_217	Offsite Worker	373292	757117	59	75	17	53
Receptor_218	Offsite Worker	373213	757118	57	74	17	53
Receptor_219	Offsite Worker	373158	757066	61	78	17	54
Receptor_22	Recreational	366569	757250	40	53	13	50
Receptor_220	Offsite Worker	373084	757026	65	83	18	54
Receptor_221	Offsite Worker	373009	757011	65	85	20	57
Receptor_222	Offsite Worker	372922	757009	63	86	22	59

Table 46							VisW Flight Rule
LAX SPAS							SO ₂ , 1-Hour Averaging Time
Operational Concentrations							99th Percentile
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	64	91	27	63
Receptor_224	Offsite Worker	372747	757006	65	90	25	61
Receptor_225	Offsite Worker	372660	757004	66	97	31	68
Receptor_226	Offsite Worker	372651	757063	61	85	25	61
Receptor_227	Offsite Worker	372629	756931	73	113	41	77
Receptor_228	Offsite Worker	372631	756857	79	130	51	87
Receptor_229	Offsite Worker	372634	756783	93	125	33	69
Receptor_23	Recreational	366530	757338	39	52	14	50
Receptor_230	Offsite Worker	372702	756778	96	127	30	67
Receptor_231	Offsite Worker	372756	756775	93	124	31	68
Receptor_232	Offsite Worker	372729	756712	109	139	30	67
Receptor_233	Offsite Worker	372703	756650	128	162	34	70
Receptor_234	Offsite Worker	372677	756588	154	193	39	76
Receptor_235	Offsite Worker	372619	756588	149	193	43	80
Receptor_236	Offsite Worker	372622	756509	194	247	53	90
Receptor_237	Offsite Worker	372700	756511	190	233	43	80
Receptor_238	Offsite Worker	372789	756510	169	226	57	94
Receptor_239	Offsite Worker	372871	756509	146	197	51	88
Receptor_24	Recreational	366492	757427	37	50	14	50
Receptor_240	Offsite Worker	372871	756437	167	237	70	106
Receptor_241	Offsite Worker	372970	756437	148	205	57	94
Receptor_242	Offsite Worker	373069	756437	129	187	58	95
Receptor_243	Offsite Worker	373168	756437	112	171	58	95
Receptor_244	Offsite Worker	373267	756437	100	157	57	93
Receptor_245	Offsite Worker	373412	756437	91	141	50	86
Receptor_246	Offsite Worker	373409	756339	102	146	45	81
Receptor_247	Offsite Worker	373406	756240	98	138	41	77
Receptor_248	Offsite Worker	373403	756142	98	132	34	71
Receptor_249	Offsite Worker	373400	756042	92	119	27	64
Receptor_25	Recreational	366453	757515	35	50	15	52
Receptor_250	Offsite Worker	373397	755944	88	112	24	61
Receptor_251	Offsite Worker	373393	755846	78	104	27	63
Receptor_252	Offsite Worker	373390	755747	68	98	30	66
Receptor_253	Offsite Worker	373309	755744	68	99	31	67
Receptor_254	Offsite Worker	373229	755743	70	101	31	68
Receptor_255	Offsite Worker	373143	755741	72	102	30	66
Receptor_256	Offsite Worker	373143	755823	77	110	32	69
Receptor_257	Offsite Worker	373143	755906	89	115	27	63
Receptor_258	Offsite Worker	373065	755906	91	118	27	64
Receptor_259	Offsite Worker	373065	755827	79	112	33	69
Receptor_26	Recreational	366415	757603	33	50	17	54
Receptor_260	Offsite Worker	373068	755733	74	102	28	65
Receptor_261	Offsite Worker	373007	755733	75	103	28	65
Receptor_262	Offsite Worker	372941	755733	77	104	28	64
Receptor_263	Offsite Worker	372941	755636	69	90	20	57
Receptor_264	Offsite Worker	372941	755539	64	77	13	49

Table 46							VisW Flight Rule
LAX SPAS							SO2, 1-Hour Averaging Time
Operational Concentrations							99th Percentile
11/14/2012	Staff-Recommended Alternative (SRA)						
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
		X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	58	70	12	49
Receptor_266	Offsite Worker	372913	755342	54	65	11	48
Receptor_267	Offsite Worker	372817	755346	56	67	11	48
Receptor_268	Offsite Worker	372720	755349	57	67	10	47
Receptor_269	Offsite Worker	372624	755352	56	68	12	48
Receptor_27	Recreational	366376	757692	34	50	17	53
Receptor_270	Offsite Worker	372527	755349	55	69	14	50
Receptor_271	Offsite Worker	372431	755353	55	70	15	52
Receptor_272	Offsite Worker	372334	755356	56	70	14	51
Receptor_273	Offsite Worker	372237	755359	57	70	14	50
Receptor_274	Offsite Worker	372141	755362	61	71	10	47
Receptor_275	Offsite Worker	372044	755366	66	71	6	42
Receptor_276	Offsite Worker	371948	755369	62	73	11	48
Receptor_277	Offsite Worker	371851	755372	61	74	13	49
Receptor_278	Offsite Worker	371755	755375	62	76	13	50
Receptor_279	Offsite Worker	371658	755378	61	75	14	51
Receptor_28	Residential	366338	757780	33	49	16	53
Receptor_280	Offsite Worker	371562	755382	61	74	13	50
Receptor_281	Offsite Worker	371465	755385	61	75	14	50
Receptor_282	Offsite Worker	371368	755388	62	76	14	51
Receptor_283	Offsite Worker	371272	755391	63	77	14	51
Receptor_284	Offsite Worker	371175	755395	65	79	14	50
Receptor_285	Offsite Worker	371079	755398	67	81	14	50
Receptor_286	Offsite Worker	371042	755478	71	86	15	52
Receptor_287	Offsite Worker	371009	755538	75	92	17	53
Receptor_288	Offsite Worker	370975	755597	82	96	14	51
Receptor_289	Offsite Worker	370925	755597	84	98	14	51
Receptor_29	Residential	366402	757746	34	51	17	54
Receptor_290	Offsite Worker	370860	755547	79	95	17	53
Receptor_291	Offsite Worker	370796	755497	79	93	15	51
Receptor_292	Offsite Worker	370733	755428	77	90	14	50
Receptor_293	Offsite Worker	370634	755428	78	105	27	63
Receptor_294	Offsite Worker	370536	755428	82	109	27	64
Receptor_295	Offsite Worker	370437	755428	93	114	21	57
Receptor_296	Offsite Worker	370338	755427	95	106	11	48
Receptor_297	Residential	370239	755427	97	108	11	48
Receptor_298	Residential	370138	755427	100	111	10	47
Receptor_299	Residential	370040	755427	109	112	4	40
Receptor_3	Recreational	367301	755573	41	55	14	51
Receptor_30	Residential	366467	757713	34	52	17	54
Receptor_300	Residential	369941	755426	98	117	18	55
Receptor_301	Residential	369842	755426	103	125	22	59
Receptor_302	School	369741	755435	108	125	17	54
Receptor_303	School	369643	755434	97	117	20	57
Receptor_304	Residential	369544	755434	90	112	22	59
Receptor_305	Residential	369445	755434	77	112	35	71

Table 46							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	77	99	23	59
Receptor_307	Offsite Worker	369249	755442	73	98	25	62
Receptor_308	Offsite Worker	369151	755442	70	89	19	56
Receptor_309	Offsite Worker	369052	755442	67	89	22	59
Receptor_31	Residential	366531	757679	35	53	18	54
Receptor_310	Residential	368953	755441	64	89	25	62
Receptor_311	Residential	368854	755441	64	82	18	54
Receptor_312	Residential	368755	755441	61	80	19	55
Receptor_313	Residential	368657	755441	59	77	18	54
Receptor_314	Residential	368558	755440	58	76	17	54
Receptor_315	Residential	368459	755440	57	74	17	54
Receptor_316	Residential	368360	755440	53	74	21	58
Receptor_317	Residential	368262	755439	51	73	23	59
Receptor_318	Residential	368186	755427	49	70	21	58
Receptor_319	Residential	368111	755414	47	68	21	57
Receptor_32	Residential	366567	757773	35	52	17	54
Receptor_320	Offsite Worker	368035	755402	47	67	20	57
Receptor_321	Offsite Worker	367960	755389	46	65	20	56
Receptor_322	Offsite Worker	367863	755390	44	63	20	56
Receptor_323	Offsite Worker	367766	755392	42	61	19	55
Receptor_324	Offsite Worker	367669	755393	41	58	17	53
Receptor_325	Offsite Worker	367572	755394	41	57	17	53
Receptor_326	Offsite Worker	367475	755395	40	56	17	53
Receptor_327	On-Site Occupational	370400	756850	87	90	3	39
Receptor_33	Residential	366625	757758	36	54	18	55
Receptor_34	Residential	366682	757744	36	55	19	55
Receptor_35	Residential	366768	757788	38	56	19	55
Receptor_36	Residential	366854	757833	40	58	18	55
Receptor_37	Residential	366941	757877	41	59	18	55
Receptor_38	Residential	367027	757922	42	60	18	55
Receptor_39	Residential	367113	757966	43	60	17	54
Receptor_4	Recreational	367263	755661	42	58	16	52
Receptor_40	Residential	367192	757916	45	64	19	55
Receptor_41	Residential	367264	757916	46	65	19	56
Receptor_42	Residential	367335	757916	47	67	20	56
Receptor_43	Residential	367343	757966	46	65	20	56
Receptor_44	Residential	367404	757995	45	69	24	60
Receptor_45	Residential	367465	758024	47	69	22	59
Receptor_46	School	367504	757948	48	72	24	60
Receptor_47	School	367544	757873	51	73	22	58
Receptor_48	School	367587	757909	51	74	24	60
Receptor_49	School	367623	757866	53	76	23	60
Receptor_5	Recreational	367224	755749	41	60	18	55
Receptor_50	School	367694	757866	54	78	24	61
Receptor_51	School	367716	757927	53	79	26	63
Receptor_52	School	367737	757988	54	77	23	60

Table 46							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)					99th Percentile	
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	53	72	20	56
Receptor_54	School	367716	758146	51	70	19	56
Receptor_55	Residential	367673	758189	49	69	20	56
Receptor_56	School	367723	758254	47	68	21	58
Receptor_57	School	367784	758221	49	70	22	58
Receptor_58	School	367845	758189	50	72	22	59
Receptor_59	Residential	367816	758096	54	76	22	59
Receptor_6	Recreational	367186	755838	40	58	18	55
Receptor_60	Residential	367898	758066	56	81	25	62
Receptor_61	Residential	367980	758035	58	87	29	65
Receptor_62	Residential	368062	758005	60	91	30	67
Receptor_63	Residential	368144	757975	63	94	31	67
Receptor_64	Residential	368226	757945	66	97	31	67
Receptor_65	Residential	368301	757943	66	98	32	69
Receptor_66	Residential	368376	757941	72	101	29	66
Receptor_67	Residential	368452	757940	74	102	28	65
Receptor_68	Residential	368527	757938	73	107	34	70
Receptor_69	Residential	368563	757880	79	115	36	73
Receptor_7	Recreational	367147	755926	40	56	15	52
Receptor_70	Residential	368636	757926	77	122	45	81
Receptor_71	Residential	368709	757971	75	117	41	78
Receptor_72	Residential	368782	758017	86	95	9	46
Receptor_73	Residential	368855	758062	80	101	20	57
Receptor_74	Residential	368928	758108	74	89	14	51
Receptor_75	Residential	369001	758153	70	89	19	56
Receptor_76	Residential	369058	758074	74	99	25	62
Receptor_77	Residential	369102	758103	74	102	27	64
Receptor_78	Residential	369145	758132	71	102	31	67
Receptor_79	Residential	369200	758065	78	110	32	69
Receptor_8	Recreational	367109	756014	38	55	18	54
Receptor_80	Residential	369255	757998	86	119	32	69
Receptor_81	Residential	369310	757931	92	132	41	77
Receptor_82	Residential	369356	757981	85	125	40	77
Receptor_83	Residential	369403	758031	81	121	40	76
Receptor_84	Recreational	369336	758100	77	112	35	72
Receptor_85	Recreational	369269	758170	74	109	35	71
Receptor_86	Recreational	369202	758239	71	98	28	64
Receptor_87	Recreational	369264	758285	67	100	32	69
Receptor_88	Recreational	369326	758330	66	94	29	65
Receptor_89	Recreational	369389	758376	62	89	27	64
Receptor_9	Recreational	367070	756103	37	57	19	56
Receptor_90	Recreational	369389	758462	59	84	25	62
Receptor_91	Recreational	369389	758548	56	80	24	61
Receptor_92	Residential	369389	758634	53	77	23	60
Receptor_93	Residential	369469	758630	54	77	23	60
Receptor_94	Residential	369549	758625	53	75	21	58

Table 46							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 1-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						99th Percentile
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	54	71	17	54
Receptor_96	Residential	369710	758617	55	70	15	52
Receptor_97	Residential	369791	758613	63	73	10	47
Receptor_98	Residential	369791	758514	68	77	9	46
Receptor_99	Residential	369791	758416	71	82	10	47

Table 47											
LAX SPAS										VisW Flight Rule	
Operational Concentrations										SO ₂ , 1-Hour Averaging Time	
11/14/2012										99th Percentile	
Peak Values				Peak Incremental Values				Total Concentration (NAAQS)			
1-Hour SO ₂		Location		1-Hour SO ₂		Location		1-Hour SO ₂		Location	
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	109	370040	755427	Residential	45	368636	757926	Residential	81	368636 757926	
School	108	369741	755435	School	26	367716	757927	School	63	367716 757927	
Offsite Worker	194	372622	756509	Offsite Worker	82	370975	757794	Offsite Worker	119	370975 757794	
Recreational	77	369336	758100	Recreational	35	369336	758100	Recreational	72	369336 758100	
On-Site Occupational	87	370400	756850	On-Site Occupational	3	370400	756850	On-Site Occupational	39	370400 756850	
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	132	369310	757931								
School	125	369741	755435								
Offsite Worker	247	372622	756509								
Recreational	112	369336	758100								
On-Site Occupational	90	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
99th percentile (high 8th high in AERMOD) only applicable to NAAQS.											

Table 48							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	34	38	4	14
Receptor_10	Recreational	367032	756191	22	43	21	32
Receptor_100	Residential	369791	758318	53	60	7	17
Receptor_101	Residential	369881	758318	52	56	4	15
Receptor_102	Residential	369972	758318	49	56	7	18
Receptor_103	Residential	370062	758318	48	57	10	20
Receptor_104	Residential	370153	758318	47	58	12	22
Receptor_105	Residential	370243	758318	47	59	12	23
Receptor_106	School	370247	758254	49	62	13	24
Receptor_107	School	370250	758189	51	65	14	24
Receptor_108	School	370308	758196	52	66	14	25
Receptor_109	School	370361	758236	50	64	14	25
Receptor_11	Recreational	366993	756279	22	41	19	29
Receptor_110	School	370415	758275	47	63	15	26
Receptor_111	Residential	370408	758347	45	59	13	24
Receptor_112	Residential	370490	758344	45	59	15	25
Receptor_113	Residential	370572	758341	44	60	16	26
Receptor_114	Residential	370654	758338	43	60	17	28
Receptor_115	Residential	370735	758335	42	61	19	30
Receptor_116	Residential	370817	758333	43	62	20	30
Receptor_117	Offsite Worker	370814	758243	47	67	20	31
Receptor_118	Offsite Worker	370810	758153	51	71	20	31
Receptor_119	Offsite Worker	370807	758063	54	77	22	33
Receptor_12	Recreational	366954	756367	22	38	16	26
Receptor_120	Offsite Worker	370803	757974	59	83	24	34
Receptor_121	Offsite Worker	370835	757927	64	90	26	36
Receptor_122	Offsite Worker	370868	757880	66	101	35	45
Receptor_123	Offsite Worker	370921	757884	63	109	47	57
Receptor_124	Offsite Worker	370975	757887	62	115	53	63
Receptor_125	Offsite Worker	370975	757794	64	130	65	76
Receptor_126	Offsite Worker	371026	757794	59	122	63	74
Receptor_127	Offsite Worker	371076	757877	57	100	43	53
Receptor_128	Offsite Worker	371126	757959	53	85	32	42
Receptor_129	Offsite Worker	371119	758031	51	81	30	40
Receptor_13	Recreational	366916	756456	23	38	16	26
Receptor_130	Residential	371183	758027	49	78	29	39
Receptor_131	Residential	371248	758024	47	80	33	43
Receptor_132	Residential	371326	758075	44	73	29	39
Receptor_133	Residential	371404	758127	41	66	25	35
Receptor_134	Residential	371481	758178	38	59	20	31
Receptor_135	Residential	371559	758230	36	53	17	27
Receptor_136	Residential	371637	758281	34	50	16	27
Receptor_137	Residential	371715	758333	32	48	16	26
Receptor_138	Residential	371769	758261	32	51	19	29
Receptor_139	Residential	371822	758189	29	53	24	34
Receptor_14	Recreational	366877	756544	23	38	15	25

Table 48							VisW Flight Rule
LAX SPAS							SO2, 3-Hour Averaging Time
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	27	52	25	36
Receptor_141	Residential	371894	758081	29	54	25	35
Receptor_142	Residential	371959	758074	28	51	23	33
Receptor_143	Offsite Worker	371953	757977	29	49	20	31
Receptor_144	Offsite Worker	371948	757880	30	50	20	30
Receptor_145	Offsite Worker	371943	757783	30	47	16	27
Receptor_146	Offsite Worker	372016	757794	29	44	15	26
Receptor_147	Offsite Worker	372102	757791	28	43	14	25
Receptor_148	Offsite Worker	372178	757760	29	42	13	24
Receptor_149	Offsite Worker	372177	757670	32	41	10	20
Receptor_15	Recreational	366839	756632	22	36	14	24
Receptor_150	Offsite Worker	372176	757579	34	42	8	18
Receptor_151	Offsite Worker	372174	757489	36	45	8	19
Receptor_152	Offsite Worker	372173	757398	37	45	9	19
Receptor_153	Offsite Worker	372171	757308	37	46	9	19
Receptor_154	Offsite Worker	372055	757309	35	48	13	23
Receptor_155	Residential	372055	757363	35	46	11	21
Receptor_156	Offsite Worker	372055	757416	36	44	9	19
Receptor_157	Offsite Worker	371952	757442	35	45	10	20
Receptor_158	Offsite Worker	371950	757345	34	50	16	27
Receptor_159	Offsite Worker	371864	757344	36	53	17	28
Receptor_16	Recreational	366800	756720	22	34	12	22
Receptor_160	Offsite Worker	371790	757347	37	55	18	29
Receptor_161	Offsite Worker	371708	757356	38	57	19	30
Receptor_162	Offsite Worker	371615	757356	41	61	20	30
Receptor_163	Offsite Worker	371523	757356	45	65	20	30
Receptor_164	Offsite Worker	371430	757356	48	69	21	31
Receptor_165	Offsite Worker	371338	757356	53	74	21	32
Receptor_166	Offsite Worker	371245	757356	57	79	22	32
Receptor_167	Offsite Worker	371153	757356	63	84	22	32
Receptor_168	Offsite Worker	371061	757356	68	90	21	32
Receptor_169	Offsite Worker	371005	757357	72	97	25	35
Receptor_17	Recreational	366762	756809	22	31	8	19
Receptor_170	Offsite Worker	370998	757293	65	98	33	44
Receptor_171	Offsite Worker	370998	757194	64	88	24	34
Receptor_172	Offsite Worker	370998	757096	54	74	20	30
Receptor_173	Offsite Worker	370998	756998	49	62	14	24
Receptor_174	Offsite Worker	371057	756997	47	62	14	25
Receptor_175	Offsite Worker	371153	756997	49	63	14	25
Receptor_176	Offsite Worker	371249	756997	51	63	11	22
Receptor_177	Offsite Worker	371345	756997	53	61	8	18
Receptor_178	Offsite Worker	371440	756997	55	60	6	16
Receptor_179	Offsite Worker	371536	756997	55	60	5	15
Receptor_18	Recreational	366723	756897	22	32	10	20
Receptor_180	Offsite Worker	371632	756997	54	60	6	17
Receptor_181	Offsite Worker	371728	756997	50	63	12	23

Table 48							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	44	69	25	36
Receptor_183	Offsite Worker	371920	756997	39	71	33	43
Receptor_184	Offsite Worker	372016	756997	38	60	21	32
Receptor_185	Offsite Worker	372111	756997	40	56	16	27
Receptor_186	Offsite Worker	372207	756997	41	56	14	25
Receptor_187	Offsite Worker	372303	756997	43	58	15	26
Receptor_188	Offsite Worker	372399	756997	44	62	17	28
Receptor_189	Offsite Worker	372495	756997	44	67	23	34
Receptor_19	Recreational	366685	756985	22	33	11	21
Receptor_190	Offsite Worker	372591	756997	45	73	28	39
Receptor_191	Offsite Worker	372610	757063	41	68	26	37
Receptor_192	Offsite Worker	372612	757132	38	62	24	35
Receptor_193	Offsite Worker	372614	757201	35	58	23	33
Receptor_194	Offsite Worker	372616	757270	33	54	21	32
Receptor_195	Offsite Worker	372627	757351	31	50	20	30
Receptor_196	Offsite Worker	372651	757422	29	48	19	30
Receptor_197	Offsite Worker	372676	757494	28	46	18	28
Receptor_198	Offsite Worker	372704	757569	27	44	17	27
Receptor_199	Offsite Worker	372733	757645	26	42	16	27
Receptor_2	Recreational	367340	755485	35	36	1	11
Receptor_20	Recreational	366646	757074	21	33	12	22
Receptor_200	Offsite Worker	372746	757702	25	40	16	26
Receptor_201	Offsite Worker	372746	757768	24	39	14	25
Receptor_202	Offsite Worker	372807	757781	24	38	14	25
Receptor_203	Offsite Worker	372901	757782	24	36	12	23
Receptor_204	Offsite Worker	372994	757783	24	34	10	21
Receptor_205	Offsite Worker	373087	757783	24	34	9	20
Receptor_206	Offsite Worker	373180	757784	24	31	7	18
Receptor_207	Offsite Worker	373274	757785	24	30	6	17
Receptor_208	Offsite Worker	373367	757786	24	29	5	15
Receptor_209	Offsite Worker	373418	757742	25	30	5	15
Receptor_21	Recreational	366607	757162	21	33	11	22
Receptor_210	Offsite Worker	373418	757653	26	32	5	16
Receptor_211	Offsite Worker	373419	757564	28	35	7	17
Receptor_212	Offsite Worker	373419	757475	30	39	9	19
Receptor_213	Offsite Worker	373420	757386	32	43	12	22
Receptor_214	Offsite Worker	373420	757297	34	49	15	26
Receptor_215	Offsite Worker	373421	757207	35	56	20	30
Receptor_216	Offsite Worker	373421	757118	38	62	23	34
Receptor_217	Offsite Worker	373292	757117	39	62	22	33
Receptor_218	Offsite Worker	373213	757118	40	61	20	31
Receptor_219	Offsite Worker	373158	757066	43	65	22	33
Receptor_22	Recreational	366569	757250	21	32	11	21
Receptor_220	Offsite Worker	373084	757026	45	68	23	33
Receptor_221	Offsite Worker	373009	757011	45	68	22	33
Receptor_222	Offsite Worker	372922	757009	44	66	21	32

Table 48							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	46	63	18	28
Receptor_224	Offsite Worker	372747	757006	48	63	16	26
Receptor_225	Offsite Worker	372660	757004	47	69	23	33
Receptor_226	Offsite Worker	372651	757063	43	67	24	35
Receptor_227	Offsite Worker	372629	756931	51	78	27	37
Receptor_228	Offsite Worker	372631	756857	58	81	24	34
Receptor_229	Offsite Worker	372634	756783	65	90	25	35
Receptor_23	Recreational	366530	757338	22	33	11	22
Receptor_230	Offsite Worker	372702	756778	64	94	30	40
Receptor_231	Offsite Worker	372756	756775	63	97	34	45
Receptor_232	Offsite Worker	372729	756712	73	113	40	51
Receptor_233	Offsite Worker	372703	756650	85	134	48	59
Receptor_234	Offsite Worker	372677	756588	102	162	60	70
Receptor_235	Offsite Worker	372619	756588	99	156	58	68
Receptor_236	Offsite Worker	372622	756509	129	209	81	91
Receptor_237	Offsite Worker	372700	756511	128	198	70	80
Receptor_238	Offsite Worker	372789	756510	117	154	37	47
Receptor_239	Offsite Worker	372871	756509	103	115	13	23
Receptor_24	Recreational	366492	757427	22	33	11	22
Receptor_240	Offsite Worker	372871	756437	89	135	46	57
Receptor_241	Offsite Worker	372970	756437	76	121	45	55
Receptor_242	Offsite Worker	373069	756437	69	109	40	50
Receptor_243	Offsite Worker	373168	756437	63	98	35	46
Receptor_244	Offsite Worker	373267	756437	58	89	31	42
Receptor_245	Offsite Worker	373412	756437	52	79	27	37
Receptor_246	Offsite Worker	373409	756339	57	82	25	35
Receptor_247	Offsite Worker	373406	756240	54	83	29	39
Receptor_248	Offsite Worker	373403	756142	62	92	30	40
Receptor_249	Offsite Worker	373400	756042	58	88	29	40
Receptor_25	Recreational	366453	757515	22	33	12	22
Receptor_250	Offsite Worker	373397	755944	53	77	24	34
Receptor_251	Offsite Worker	373393	755846	48	67	18	29
Receptor_252	Offsite Worker	373390	755747	41	56	15	26
Receptor_253	Offsite Worker	373309	755744	41	57	16	26
Receptor_254	Offsite Worker	373229	755743	42	57	16	26
Receptor_255	Offsite Worker	373143	755741	43	58	15	25
Receptor_256	Offsite Worker	373143	755823	49	68	19	30
Receptor_257	Offsite Worker	373143	755906	57	78	21	32
Receptor_258	Offsite Worker	373065	755906	58	80	22	33
Receptor_259	Offsite Worker	373065	755827	51	70	20	30
Receptor_26	Recreational	366415	757603	21	33	12	23
Receptor_260	Offsite Worker	373068	755733	43	57	13	24
Receptor_261	Offsite Worker	373007	755733	45	57	12	22
Receptor_262	Offsite Worker	372941	755733	48	57	9	20
Receptor_263	Offsite Worker	372941	755636	41	48	7	17
Receptor_264	Offsite Worker	372941	755539	37	44	6	17

Table 48							VisW Flight Rule
LAX SPAS							SO ₂ , 3-Hour Averaging Time
Operational Concentrations							SO ₂ , 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	34	40	5	16
Receptor_266	Offsite Worker	372913	755342	31	37	6	17
Receptor_267	Offsite Worker	372817	755346	31	39	8	18
Receptor_268	Offsite Worker	372720	755349	30	38	7	18
Receptor_269	Offsite Worker	372624	755352	30	39	9	19
Receptor_27	Recreational	366376	757692	21	33	12	23
Receptor_270	Offsite Worker	372527	755349	30	40	10	20
Receptor_271	Offsite Worker	372431	755353	32	39	7	17
Receptor_272	Offsite Worker	372334	755356	34	39	5	16
Receptor_273	Offsite Worker	372237	755359	36	41	5	16
Receptor_274	Offsite Worker	372141	755362	37	41	4	14
Receptor_275	Offsite Worker	372044	755366	39	46	7	18
Receptor_276	Offsite Worker	371948	755369	45	56	12	22
Receptor_277	Offsite Worker	371851	755372	50	60	10	20
Receptor_278	Offsite Worker	371755	755375	51	59	8	18
Receptor_279	Offsite Worker	371658	755378	50	57	7	17
Receptor_28	Residential	366338	757780	21	33	12	22
Receptor_280	Offsite Worker	371562	755382	48	56	8	18
Receptor_281	Offsite Worker	371465	755385	47	56	9	19
Receptor_282	Offsite Worker	371368	755388	46	56	10	20
Receptor_283	Offsite Worker	371272	755391	45	57	11	22
Receptor_284	Offsite Worker	371175	755395	47	59	13	23
Receptor_285	Offsite Worker	371079	755398	50	64	14	24
Receptor_286	Offsite Worker	371042	755478	54	69	15	25
Receptor_287	Offsite Worker	371009	755538	57	72	15	26
Receptor_288	Offsite Worker	370975	755597	62	74	12	22
Receptor_289	Offsite Worker	370925	755597	63	73	10	20
Receptor_29	Residential	366402	757746	22	33	12	22
Receptor_290	Offsite Worker	370860	755547	61	69	7	18
Receptor_291	Offsite Worker	370796	755497	61	66	5	15
Receptor_292	Offsite Worker	370733	755428	63	67	5	15
Receptor_293	Offsite Worker	370634	755428	67	71	3	14
Receptor_294	Offsite Worker	370536	755428	70	74	4	14
Receptor_295	Offsite Worker	370437	755428	74	79	5	16
Receptor_296	Offsite Worker	370338	755427	78	80	3	13
Receptor_297	Residential	370239	755427	76	80	4	14
Receptor_298	Residential	370138	755427	80	79	-1	9
Receptor_299	Residential	370040	755427	83	80	-3	8
Receptor_3	Recreational	367301	755573	36	36	1	11
Receptor_30	Residential	366467	757713	22	34	12	22
Receptor_300	Residential	369941	755426	72	84	11	22
Receptor_301	Residential	369842	755426	63	83	19	30
Receptor_302	School	369741	755435	70	88	18	28
Receptor_303	School	369643	755434	71	90	19	29
Receptor_304	Residential	369544	755434	75	91	17	27
Receptor_305	Residential	369445	755434	75	91	16	26

Table 48							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	71	89	18	29
Receptor_307	Offsite Worker	369249	755442	64	89	25	35
Receptor_308	Offsite Worker	369151	755442	57	87	30	40
Receptor_309	Offsite Worker	369052	755442	54	83	29	39
Receptor_31	Residential	366531	757679	23	35	12	22
Receptor_310	Residential	368953	755441	53	78	25	35
Receptor_311	Residential	368854	755441	52	72	20	31
Receptor_312	Residential	368755	755441	49	69	20	30
Receptor_313	Residential	368657	755441	46	66	21	31
Receptor_314	Residential	368558	755440	43	64	21	31
Receptor_315	Residential	368459	755440	43	60	17	28
Receptor_316	Residential	368360	755440	43	57	13	24
Receptor_317	Residential	368262	755439	43	53	10	20
Receptor_318	Residential	368186	755427	42	51	10	20
Receptor_319	Residential	368111	755414	41	50	9	20
Receptor_32	Residential	366567	757773	24	35	11	21
Receptor_320	Offsite Worker	368035	755402	40	48	9	19
Receptor_321	Offsite Worker	367960	755389	39	47	8	19
Receptor_322	Offsite Worker	367863	755390	38	46	8	18
Receptor_323	Offsite Worker	367766	755392	37	44	7	17
Receptor_324	Offsite Worker	367669	755393	37	43	6	17
Receptor_325	Offsite Worker	367572	755394	36	41	5	16
Receptor_326	Offsite Worker	367475	755395	35	39	5	15
Receptor_327	On-Site Occupational	370400	756850	59	81	22	32
Receptor_33	Residential	366625	757758	25	35	11	21
Receptor_34	Residential	366682	757744	26	36	10	21
Receptor_35	Residential	366768	757788	27	37	10	20
Receptor_36	Residential	366854	757833	29	38	9	19
Receptor_37	Residential	366941	757877	30	38	8	19
Receptor_38	Residential	367027	757922	32	39	7	18
Receptor_39	Residential	367113	757966	32	41	8	19
Receptor_4	Recreational	367263	755661	35	37	2	12
Receptor_40	Residential	367192	757916	34	42	8	19
Receptor_41	Residential	367264	757916	34	43	9	19
Receptor_42	Residential	367335	757916	35	45	9	20
Receptor_43	Residential	367343	757966	35	45	10	20
Receptor_44	Residential	367404	757995	36	46	11	21
Receptor_45	Residential	367465	758024	36	47	11	22
Receptor_46	School	367504	757948	37	49	11	22
Receptor_47	School	367544	757873	38	49	11	22
Receptor_48	School	367587	757909	39	51	12	22
Receptor_49	School	367623	757866	40	52	12	22
Receptor_5	Recreational	367224	755749	34	37	3	13
Receptor_50	School	367694	757866	41	54	13	23
Receptor_51	School	367716	757927	40	54	13	24
Receptor_52	School	367737	757988	40	53	13	24

Table 48							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	39	51	12	22
Receptor_54	School	367716	758146	37	47	10	21
Receptor_55	Residential	367673	758189	35	45	9	20
Receptor_56	School	367723	758254	33	41	8	18
Receptor_57	School	367784	758221	34	42	8	18
Receptor_58	School	367845	758189	36	43	8	18
Receptor_59	Residential	367816	758096	39	50	11	21
Receptor_6	Recreational	367186	755838	32	41	8	19
Receptor_60	Residential	367898	758066	40	51	11	21
Receptor_61	Residential	367980	758035	42	53	11	22
Receptor_62	Residential	368062	758005	44	55	11	22
Receptor_63	Residential	368144	757975	46	57	11	22
Receptor_64	Residential	368226	757945	48	59	11	21
Receptor_65	Residential	368301	757943	48	63	14	25
Receptor_66	Residential	368376	757941	48	68	20	30
Receptor_67	Residential	368452	757940	48	71	23	34
Receptor_68	Residential	368527	757938	47	71	24	35
Receptor_69	Residential	368563	757880	52	78	26	37
Receptor_7	Recreational	367147	755926	29	43	14	24
Receptor_70	Residential	368636	757926	52	71	19	29
Receptor_71	Residential	368709	757971	53	65	12	22
Receptor_72	Residential	368782	758017	51	60	9	19
Receptor_73	Residential	368855	758062	48	56	8	19
Receptor_74	Residential	368928	758108	46	57	11	22
Receptor_75	Residential	369001	758153	44	60	16	27
Receptor_76	Residential	369058	758074	48	65	17	27
Receptor_77	Residential	369102	758103	49	67	18	28
Receptor_78	Residential	369145	758132	49	67	18	29
Receptor_79	Residential	369200	758065	53	72	19	30
Receptor_8	Recreational	367109	756014	26	45	19	29
Receptor_80	Residential	369255	757998	57	76	19	30
Receptor_81	Residential	369310	757931	61	87	26	37
Receptor_82	Residential	369356	757981	57	88	30	41
Receptor_83	Residential	369403	758031	56	87	31	41
Receptor_84	Recreational	369336	758100	51	78	26	37
Receptor_85	Recreational	369269	758170	49	68	19	30
Receptor_86	Recreational	369202	758239	46	64	18	29
Receptor_87	Recreational	369264	758285	44	63	18	29
Receptor_88	Recreational	369326	758330	44	65	22	32
Receptor_89	Recreational	369389	758376	44	66	22	33
Receptor_9	Recreational	367070	756103	23	45	22	32
Receptor_90	Recreational	369389	758462	42	62	21	31
Receptor_91	Recreational	369389	758548	40	59	19	30
Receptor_92	Residential	369389	758634	38	56	18	29
Receptor_93	Residential	369469	758630	39	58	19	30
Receptor_94	Residential	369549	758625	39	58	19	30

Table 48							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO₂, 3-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	40	57	17	27
Receptor_96	Residential	369710	758617	43	54	12	22
Receptor_97	Residential	369791	758613	44	52	7	18
Receptor_98	Residential	369791	758514	47	54	7	18
Receptor_99	Residential	369791	758416	50	57	7	18

Table 49											VisW Flight Rule		
LAX SPAS											SO ₂ , 3-Hour Averaging Time		
Operational Concentrations													
11/14/2012 Staff-Recommended Alternative (SRA)													
Peak Values				Peak Incremental Values				Total Concentration (NAAQS)					
3-Hour SO ₂		Location		3-Hour SO ₂		Location		3-Hour SO ₂		Location			
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)		
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative					
Residential	83	370040	755427	Residential	33	371248	758024	Residential	43	371248	758024		
School	71	369643	755434	School	19	369643	755434	School	29	369643	755434		
Offsite Worker	129	372622	756509	Offsite Worker	81	372622	756509	Offsite Worker	91	372622	756509		
Recreational	51	369336	758100	Recreational	26	369336	758100	Recreational	37	369336	758100		
On-Site Occupational	59	370400	756850	On-Site Occupational	22	370400	756850	On-Site Occupational	32	370400	756850		
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative					
Residential	91	369544	755434										
School	90	369643	755434										
Offsite Worker	209	372622	756509										
Recreational	78	369336	758100										
On-Site Occupational	81	370400	756850										
Notes:													
Average concentration is modeled output from AERMOD, version 12060.													
Project concentration is difference between given alternative and baseline (project increment).													
Total concentration is project concentration plus monitored background concentration.													
3-hour SO ₂ standard only applicable to NAAQS secondary standard.													

Table 50							VisW Flight Rule
LAX SPAS							SO ₂ , 24-Hour Averaging Time
Operational Concentrations							SO ₂ , 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS/NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	7	10	3	19
Receptor_10	Recreational	367032	756191	7	10	3	19
Receptor_100	Residential	369791	758318	10	15	5	21
Receptor_101	Residential	369881	758318	11	16	5	21
Receptor_102	Residential	369972	758318	11	17	5	21
Receptor_103	Residential	370062	758318	12	17	5	21
Receptor_104	Residential	370153	758318	13	17	5	20
Receptor_105	Residential	370243	758318	13	17	4	20
Receptor_106	School	370247	758254	14	18	4	20
Receptor_107	School	370250	758189	15	19	4	20
Receptor_108	School	370308	758196	15	19	4	20
Receptor_109	School	370361	758236	14	18	4	20
Receptor_11	Recreational	366993	756279	7	10	3	19
Receptor_110	School	370415	758275	13	18	5	21
Receptor_111	Residential	370408	758347	12	17	5	21
Receptor_112	Residential	370490	758344	12	17	5	21
Receptor_113	Residential	370572	758341	11	17	6	22
Receptor_114	Residential	370654	758338	11	17	6	22
Receptor_115	Residential	370735	758335	10	17	7	22
Receptor_116	Residential	370817	758333	9	16	7	23
Receptor_117	Offsite Worker	370814	758243	10	17	7	23
Receptor_118	Offsite Worker	370810	758153	11	19	8	23
Receptor_119	Offsite Worker	370807	758063	13	21	8	23
Receptor_12	Recreational	366954	756367	7	10	3	19
Receptor_120	Offsite Worker	370803	757974	15	23	8	24
Receptor_121	Offsite Worker	370835	757927	17	25	8	24
Receptor_122	Offsite Worker	370868	757880	18	26	8	24
Receptor_123	Offsite Worker	370921	757884	17	25	7	23
Receptor_124	Offsite Worker	370975	757887	16	23	6	22
Receptor_125	Offsite Worker	370975	757794	17	29	12	28
Receptor_126	Offsite Worker	371026	757794	16	30	14	30
Receptor_127	Offsite Worker	371076	757877	15	25	10	26
Receptor_128	Offsite Worker	371126	757959	14	21	8	23
Receptor_129	Offsite Worker	371119	758031	13	19	6	22
Receptor_13	Recreational	366916	756456	6	9	3	19
Receptor_130	Residential	371183	758027	13	19	7	22
Receptor_131	Residential	371248	758024	12	19	7	23
Receptor_132	Residential	371326	758075	11	18	7	23
Receptor_133	Residential	371404	758127	10	17	7	22
Receptor_134	Residential	371481	758178	10	16	6	22
Receptor_135	Residential	371559	758230	9	15	6	22
Receptor_136	Residential	371637	758281	8	14	6	21
Receptor_137	Residential	371715	758333	8	13	5	21
Receptor_138	Residential	371769	758261	8	14	6	21
Receptor_139	Residential	371822	758189	8	14	6	21
Receptor_14	Recreational	366877	756544	6	9	3	19

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	8	13	6	21
Receptor_141	Residential	371894	758081	8	14	6	22
Receptor_142	Residential	371959	758074	8	14	6	22
Receptor_143	Offsite Worker	371953	757977	8	14	6	22
Receptor_144	Offsite Worker	371948	757880	9	14	5	21
Receptor_145	Offsite Worker	371943	757783	9	13	4	19
Receptor_146	Offsite Worker	372016	757794	9	12	3	19
Receptor_147	Offsite Worker	372102	757791	9	11	2	18
Receptor_148	Offsite Worker	372178	757760	9	11	2	18
Receptor_149	Offsite Worker	372177	757670	9	11	2	18
Receptor_15	Recreational	366839	756632	6	9	3	19
Receptor_150	Offsite Worker	372176	757579	9	11	2	18
Receptor_151	Offsite Worker	372174	757489	9	11	2	18
Receptor_152	Offsite Worker	372173	757398	9	12	2	18
Receptor_153	Offsite Worker	372171	757308	10	12	3	18
Receptor_154	Offsite Worker	372055	757309	10	12	3	18
Receptor_155	Residential	372055	757363	9	12	3	18
Receptor_156	Offsite Worker	372055	757416	9	12	2	18
Receptor_157	Offsite Worker	371952	757442	10	12	2	18
Receptor_158	Offsite Worker	371950	757345	10	12	3	18
Receptor_159	Offsite Worker	371864	757344	10	12	2	18
Receptor_16	Recreational	366800	756720	6	9	3	19
Receptor_160	Offsite Worker	371790	757347	10	13	3	18
Receptor_161	Offsite Worker	371708	757356	11	13	3	18
Receptor_162	Offsite Worker	371615	757356	11	14	3	19
Receptor_163	Offsite Worker	371523	757356	11	15	4	20
Receptor_164	Offsite Worker	371430	757356	11	16	5	21
Receptor_165	Offsite Worker	371338	757356	11	18	7	22
Receptor_166	Offsite Worker	371245	757356	11	20	8	24
Receptor_167	Offsite Worker	371153	757356	12	21	9	25
Receptor_168	Offsite Worker	371061	757356	14	23	10	26
Receptor_169	Offsite Worker	371005	757357	14	25	11	26
Receptor_17	Recreational	366762	756809	5	9	3	19
Receptor_170	Offsite Worker	370998	757293	14	22	7	23
Receptor_171	Offsite Worker	370998	757194	14	19	5	20
Receptor_172	Offsite Worker	370998	757096	15	19	4	20
Receptor_173	Offsite Worker	370998	756998	16	20	4	20
Receptor_174	Offsite Worker	371057	756997	16	20	4	20
Receptor_175	Offsite Worker	371153	756997	15	19	4	20
Receptor_176	Offsite Worker	371249	756997	15	19	4	20
Receptor_177	Offsite Worker	371345	756997	14	18	4	20
Receptor_178	Offsite Worker	371440	756997	13	18	4	20
Receptor_179	Offsite Worker	371536	756997	13	17	4	20
Receptor_18	Recreational	366723	756897	5	9	4	19
Receptor_180	Offsite Worker	371632	756997	13	16	4	20
Receptor_181	Offsite Worker	371728	756997	12	16	4	19

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQs) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	12	16	4	19
Receptor_183	Offsite Worker	371920	756997	12	16	4	19
Receptor_184	Offsite Worker	372016	756997	12	15	4	20
Receptor_185	Offsite Worker	372111	756997	11	15	4	20
Receptor_186	Offsite Worker	372207	756997	11	16	4	20
Receptor_187	Offsite Worker	372303	756997	11	16	5	20
Receptor_188	Offsite Worker	372399	756997	11	16	5	20
Receptor_189	Offsite Worker	372495	756997	12	16	5	20
Receptor_19	Recreational	366685	756985	5	9	4	20
Receptor_190	Offsite Worker	372591	756997	12	17	5	20
Receptor_191	Offsite Worker	372610	757063	11	15	4	20
Receptor_192	Offsite Worker	372612	757132	10	14	4	20
Receptor_193	Offsite Worker	372614	757201	10	14	4	20
Receptor_194	Offsite Worker	372616	757270	9	13	4	19
Receptor_195	Offsite Worker	372627	757351	9	12	3	19
Receptor_196	Offsite Worker	372651	757422	8	12	3	19
Receptor_197	Offsite Worker	372676	757494	8	11	3	19
Receptor_198	Offsite Worker	372704	757569	8	11	3	19
Receptor_199	Offsite Worker	372733	757645	8	10	3	18
Receptor_2	Recreational	367340	755485	7	11	4	19
Receptor_20	Recreational	366646	757074	5	9	4	20
Receptor_200	Offsite Worker	372746	757702	7	10	3	18
Receptor_201	Offsite Worker	372746	757768	7	10	2	18
Receptor_202	Offsite Worker	372807	757781	7	10	2	18
Receptor_203	Offsite Worker	372901	757782	7	10	3	18
Receptor_204	Offsite Worker	372994	757783	7	10	3	18
Receptor_205	Offsite Worker	373087	757783	7	9	3	18
Receptor_206	Offsite Worker	373180	757784	7	9	2	18
Receptor_207	Offsite Worker	373274	757785	7	9	2	18
Receptor_208	Offsite Worker	373367	757786	7	9	2	18
Receptor_209	Offsite Worker	373418	757742	7	9	2	18
Receptor_21	Recreational	366607	757162	5	9	4	20
Receptor_210	Offsite Worker	373418	757653	7	9	2	18
Receptor_211	Offsite Worker	373419	757564	8	10	2	18
Receptor_212	Offsite Worker	373419	757475	8	10	2	18
Receptor_213	Offsite Worker	373420	757386	9	11	2	18
Receptor_214	Offsite Worker	373420	757297	9	11	2	17
Receptor_215	Offsite Worker	373421	757207	10	12	2	18
Receptor_216	Offsite Worker	373421	757118	10	12	3	18
Receptor_217	Offsite Worker	373292	757117	11	13	2	18
Receptor_218	Offsite Worker	373213	757118	11	14	2	18
Receptor_219	Offsite Worker	373158	757066	12	14	2	18
Receptor_22	Recreational	366569	757250	5	9	4	20
Receptor_220	Offsite Worker	373084	757026	13	15	3	18
Receptor_221	Offsite Worker	373009	757011	13	16	3	19
Receptor_222	Offsite Worker	372922	757009	13	16	3	19

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	13	16	3	19
Receptor_224	Offsite Worker	372747	757006	12	16	4	20
Receptor_225	Offsite Worker	372660	757004	12	16	4	20
Receptor_226	Offsite Worker	372651	757063	11	15	4	20
Receptor_227	Offsite Worker	372629	756931	13	18	5	20
Receptor_228	Offsite Worker	372631	756857	15	20	5	21
Receptor_229	Offsite Worker	372634	756783	18	23	6	21
Receptor_23	Recreational	366530	757338	5	9	4	19
Receptor_230	Offsite Worker	372702	756778	19	23	5	20
Receptor_231	Offsite Worker	372756	756775	19	23	4	20
Receptor_232	Offsite Worker	372729	756712	22	26	5	20
Receptor_233	Offsite Worker	372703	756650	25	30	5	21
Receptor_234	Offsite Worker	372677	756588	29	35	7	23
Receptor_235	Offsite Worker	372619	756588	29	37	8	24
Receptor_236	Offsite Worker	372622	756509	35	46	11	26
Receptor_237	Offsite Worker	372700	756511	29	40	12	27
Receptor_238	Offsite Worker	372789	756510	21	33	12	27
Receptor_239	Offsite Worker	372871	756509	19	26	7	23
Receptor_24	Recreational	366492	757427	6	9	3	19
Receptor_240	Offsite Worker	372871	756437	23	31	8	24
Receptor_241	Offsite Worker	372970	756437	20	27	7	23
Receptor_242	Offsite Worker	373069	756437	18	24	6	22
Receptor_243	Offsite Worker	373168	756437	16	22	6	21
Receptor_244	Offsite Worker	373267	756437	15	20	5	21
Receptor_245	Offsite Worker	373412	756437	13	18	4	20
Receptor_246	Offsite Worker	373409	756339	12	16	4	19
Receptor_247	Offsite Worker	373406	756240	11	15	4	20
Receptor_248	Offsite Worker	373403	756142	9	15	6	22
Receptor_249	Offsite Worker	373400	756042	10	17	7	23
Receptor_25	Recreational	366453	757515	6	8	3	18
Receptor_250	Offsite Worker	373397	755944	11	17	6	22
Receptor_251	Offsite Worker	373393	755846	10	16	6	21
Receptor_252	Offsite Worker	373390	755747	9	14	5	21
Receptor_253	Offsite Worker	373309	755744	9	14	5	20
Receptor_254	Offsite Worker	373229	755743	9	14	5	20
Receptor_255	Offsite Worker	373143	755741	10	14	5	20
Receptor_256	Offsite Worker	373143	755823	10	16	5	21
Receptor_257	Offsite Worker	373143	755906	12	18	6	22
Receptor_258	Offsite Worker	373065	755906	12	18	6	22
Receptor_259	Offsite Worker	373065	755827	11	16	5	21
Receptor_26	Recreational	366415	757603	5	8	2	18
Receptor_260	Offsite Worker	373068	755733	10	14	5	20
Receptor_261	Offsite Worker	373007	755733	10	14	5	20
Receptor_262	Offsite Worker	372941	755733	10	15	5	20
Receptor_263	Offsite Worker	372941	755636	9	13	4	19
Receptor_264	Offsite Worker	372941	755539	8	11	3	19

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	7	10	3	19
Receptor_266	Offsite Worker	372913	755342	6	8	3	19
Receptor_267	Offsite Worker	372817	755346	6	9	3	19
Receptor_268	Offsite Worker	372720	755349	6	10	3	19
Receptor_269	Offsite Worker	372624	755352	6	10	3	19
Receptor_27	Recreational	366376	757692	5	8	2	18
Receptor_270	Offsite Worker	372527	755349	6	10	3	19
Receptor_271	Offsite Worker	372431	755353	7	9	3	18
Receptor_272	Offsite Worker	372334	755356	9	11	2	18
Receptor_273	Offsite Worker	372237	755359	11	13	2	18
Receptor_274	Offsite Worker	372141	755362	11	13	2	17
Receptor_275	Offsite Worker	372044	755366	11	12	1	17
Receptor_276	Offsite Worker	371948	755369	10	13	3	19
Receptor_277	Offsite Worker	371851	755372	11	14	3	19
Receptor_278	Offsite Worker	371755	755375	12	15	3	18
Receptor_279	Offsite Worker	371658	755378	13	15	2	18
Receptor_28	Residential	366338	757780	5	8	2	18
Receptor_280	Offsite Worker	371562	755382	13	15	2	18
Receptor_281	Offsite Worker	371465	755385	12	15	2	18
Receptor_282	Offsite Worker	371368	755388	12	15	3	18
Receptor_283	Offsite Worker	371272	755391	12	15	3	19
Receptor_284	Offsite Worker	371175	755395	11	15	4	19
Receptor_285	Offsite Worker	371079	755398	11	16	5	21
Receptor_286	Offsite Worker	371042	755478	13	19	7	22
Receptor_287	Offsite Worker	371009	755538	14	21	7	23
Receptor_288	Offsite Worker	370975	755597	16	24	8	24
Receptor_289	Offsite Worker	370925	755597	16	24	8	24
Receptor_29	Residential	366402	757746	6	8	2	18
Receptor_290	Offsite Worker	370860	755547	15	23	8	23
Receptor_291	Offsite Worker	370796	755497	15	22	8	23
Receptor_292	Offsite Worker	370733	755428	14	21	7	23
Receptor_293	Offsite Worker	370634	755428	14	22	7	23
Receptor_294	Offsite Worker	370536	755428	15	22	7	22
Receptor_295	Offsite Worker	370437	755428	16	21	5	21
Receptor_296	Offsite Worker	370338	755427	16	21	5	20
Receptor_297	Residential	370239	755427	17	22	5	21
Receptor_298	Residential	370138	755427	19	24	5	21
Receptor_299	Residential	370040	755427	19	25	6	22
Receptor_3	Recreational	367301	755573	7	10	3	19
Receptor_30	Residential	366467	757713	6	8	2	18
Receptor_300	Residential	369941	755426	19	26	6	22
Receptor_301	Residential	369842	755426	19	25	6	22
Receptor_302	School	369741	755435	20	25	5	21
Receptor_303	School	369643	755434	21	26	5	21
Receptor_304	Residential	369544	755434	22	27	5	21
Receptor_305	Residential	369445	755434	21	26	5	21

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	20	26	6	21
Receptor_307	Offsite Worker	369249	755442	18	25	7	22
Receptor_308	Offsite Worker	369151	755442	16	24	7	23
Receptor_309	Offsite Worker	369052	755442	15	22	7	23
Receptor_31	Residential	366531	757679	6	8	2	18
Receptor_310	Residential	368953	755441	13	21	7	23
Receptor_311	Residential	368854	755441	13	19	7	22
Receptor_312	Residential	368755	755441	13	18	5	21
Receptor_313	Residential	368657	755441	12	17	5	20
Receptor_314	Residential	368558	755440	12	16	4	20
Receptor_315	Residential	368459	755440	11	16	4	20
Receptor_316	Residential	368360	755440	11	15	4	20
Receptor_317	Residential	368262	755439	10	15	4	20
Receptor_318	Residential	368186	755427	10	14	4	20
Receptor_319	Residential	368111	755414	9	14	4	20
Receptor_32	Residential	366567	757773	6	8	2	18
Receptor_320	Offsite Worker	368035	755402	9	13	4	20
Receptor_321	Offsite Worker	367960	755389	8	13	4	20
Receptor_322	Offsite Worker	367863	755390	8	12	4	20
Receptor_323	Offsite Worker	367766	755392	8	12	4	20
Receptor_324	Offsite Worker	367669	755393	8	11	4	20
Receptor_325	Offsite Worker	367572	755394	7	11	4	19
Receptor_326	Offsite Worker	367475	755395	7	11	4	19
Receptor_327	On-Site Occupational	370400	756850	15	23	8	24
Receptor_33	Residential	366625	757758	6	9	3	18
Receptor_34	Residential	366682	757744	6	9	3	18
Receptor_35	Residential	366768	757788	6	9	3	18
Receptor_36	Residential	366854	757833	7	9	3	18
Receptor_37	Residential	366941	757877	7	10	3	19
Receptor_38	Residential	367027	757922	7	10	3	19
Receptor_39	Residential	367113	757966	7	10	3	19
Receptor_4	Recreational	367263	755661	7	10	3	19
Receptor_40	Residential	367192	757916	8	11	3	19
Receptor_41	Residential	367264	757916	8	11	3	19
Receptor_42	Residential	367335	757916	8	11	3	19
Receptor_43	Residential	367343	757966	8	11	3	19
Receptor_44	Residential	367404	757995	8	11	3	19
Receptor_45	Residential	367465	758024	8	11	3	19
Receptor_46	School	367504	757948	8	12	3	19
Receptor_47	School	367544	757873	9	12	4	19
Receptor_48	School	367587	757909	9	12	4	19
Receptor_49	School	367623	757866	9	13	4	20
Receptor_5	Recreational	367224	755749	7	11	4	19
Receptor_50	School	367694	757866	9	13	4	20
Receptor_51	School	367716	757927	9	13	4	19
Receptor_52	School	367737	757988	8	12	3	19

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	8	11	3	19
Receptor_54	School	367716	758146	7	9	3	18
Receptor_55	Residential	367673	758189	6	9	2	18
Receptor_56	School	367723	758254	6	8	2	18
Receptor_57	School	367784	758221	6	8	2	18
Receptor_58	School	367845	758189	6	9	2	18
Receptor_59	Residential	367816	758096	7	10	3	18
Receptor_6	Recreational	367186	755838	7	11	4	20
Receptor_60	Residential	367898	758066	8	10	3	19
Receptor_61	Residential	367980	758035	8	11	3	19
Receptor_62	Residential	368062	758005	8	11	3	19
Receptor_63	Residential	368144	757975	9	12	3	19
Receptor_64	Residential	368226	757945	9	12	3	19
Receptor_65	Residential	368301	757943	9	12	3	19
Receptor_66	Residential	368376	757941	9	12	3	19
Receptor_67	Residential	368452	757940	9	13	4	20
Receptor_68	Residential	368527	757938	9	13	4	20
Receptor_69	Residential	368563	757880	10	14	4	20
Receptor_7	Recreational	367147	755926	6	11	4	20
Receptor_70	Residential	368636	757926	9	13	4	20
Receptor_71	Residential	368709	757971	8	12	4	20
Receptor_72	Residential	368782	758017	8	12	4	20
Receptor_73	Residential	368855	758062	8	12	4	19
Receptor_74	Residential	368928	758108	8	11	3	19
Receptor_75	Residential	369001	758153	8	11	3	19
Receptor_76	Residential	369058	758074	8	12	4	19
Receptor_77	Residential	369102	758103	8	12	4	20
Receptor_78	Residential	369145	758132	8	13	5	20
Receptor_79	Residential	369200	758065	9	14	5	21
Receptor_8	Recreational	367109	756014	7	11	4	20
Receptor_80	Residential	369255	757998	9	16	6	22
Receptor_81	Residential	369310	757931	10	18	7	23
Receptor_82	Residential	369356	757981	11	16	6	22
Receptor_83	Residential	369403	758031	11	15	5	20
Receptor_84	Recreational	369336	758100	10	15	5	21
Receptor_85	Recreational	369269	758170	8	13	5	21
Receptor_86	Recreational	369202	758239	8	12	5	20
Receptor_87	Recreational	369264	758285	8	12	4	20
Receptor_88	Recreational	369326	758330	8	12	4	19
Receptor_89	Recreational	369389	758376	9	12	3	19
Receptor_9	Recreational	367070	756103	7	10	4	19
Receptor_90	Recreational	369389	758462	8	11	3	19
Receptor_91	Recreational	369389	758548	8	10	3	18
Receptor_92	Residential	369389	758634	8	10	2	18
Receptor_93	Residential	369469	758630	8	10	2	18
Receptor_94	Residential	369549	758625	8	10	2	18

Table 50							
LAX SPAS							VisW Flight Rule
Operational Concentrations				SO₂, 24-Hour Averaging Time			
11/14/2012 Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS/NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	8	11	3	19
Receptor_96	Residential	369710	758617	8	11	3	19
Receptor_97	Residential	369791	758613	8	12	4	19
Receptor_98	Residential	369791	758514	9	13	4	20
Receptor_99	Residential	369791	758416	9	14	4	20

Table 51											
LAX SPAS										VisW Flight Rule	
Operational Concentrations										SO ₂ , 24-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)											
Peak Values				Peak Incremental Values				Total Concentration (CAAQS/NAAQS)			
24-Hour SO ₂		Location		24-Hour SO ₂		Location		24-Hour SO ₂		Location	
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	22	369544	755434	Residential	7	369310	757931	Residential	23	369310 757931	
School	21	369643	755434	School	5	369741	755435	School	21	369741 755435	
Offsite Worker	35	372622	756509	Offsite Worker	14	371026	757794	Offsite Worker	30	371026 757794	
Recreational	10	369336	758100	Recreational	5	369336	758100	Recreational	21	369336 758100	
On-Site Occupational	15	370400	756850	On-Site Occupational	8	370400	756850	On-Site Occupational	24	370400 756850	
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	27	369544	755434								
School	26	369643	755434								
Offsite Worker	46	372622	756509								
Recreational	15	369336	758100								
On-Site Occupational	23	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
Background concentration for CAAQS and NAAQS the same for averaging period.											

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	1	2	1	3
Receptor_10	Recreational	367032	756191	1	2	1	3
Receptor_100	Residential	369791	758318	3	4	2	4
Receptor_101	Residential	369881	758318	3	5	2	4
Receptor_102	Residential	369972	758318	3	5	2	4
Receptor_103	Residential	370062	758318	3	5	2	4
Receptor_104	Residential	370153	758318	3	5	2	4
Receptor_105	Residential	370243	758318	3	5	2	4
Receptor_106	School	370247	758254	4	6	2	5
Receptor_107	School	370250	758189	4	6	2	5
Receptor_108	School	370308	758196	4	6	2	5
Receptor_109	School	370361	758236	4	6	2	5
Receptor_11	Recreational	366993	756279	1	2	1	3
Receptor_110	School	370415	758275	4	6	2	5
Receptor_111	Residential	370408	758347	3	5	2	4
Receptor_112	Residential	370490	758344	3	5	2	5
Receptor_113	Residential	370572	758341	4	6	2	5
Receptor_114	Residential	370654	758338	4	6	2	5
Receptor_115	Residential	370735	758335	4	6	2	5
Receptor_116	Residential	370817	758333	4	6	2	5
Receptor_117	Offsite Worker	370814	758243	4	7	2	5
Receptor_118	Offsite Worker	370810	758153	5	7	3	5
Receptor_119	Offsite Worker	370807	758063	5	8	3	6
Receptor_12	Recreational	366954	756367	1	2	1	3
Receptor_120	Offsite Worker	370803	757974	6	10	3	6
Receptor_121	Offsite Worker	370835	757927	7	10	4	6
Receptor_122	Offsite Worker	370868	757880	7	11	4	7
Receptor_123	Offsite Worker	370921	757884	7	11	4	7
Receptor_124	Offsite Worker	370975	757887	6	11	4	7
Receptor_125	Offsite Worker	370975	757794	7	13	6	9
Receptor_126	Offsite Worker	371026	757794	7	13	6	9
Receptor_127	Offsite Worker	371076	757877	6	11	5	7
Receptor_128	Offsite Worker	371126	757959	5	9	4	6
Receptor_129	Offsite Worker	371119	758031	5	8	3	6
Receptor_13	Recreational	366916	756456	1	2	0	3
Receptor_130	Residential	371183	758027	5	8	3	6
Receptor_131	Residential	371248	758024	5	8	3	6
Receptor_132	Residential	371326	758075	4	7	3	6
Receptor_133	Residential	371404	758127	4	7	3	5
Receptor_134	Residential	371481	758178	4	6	2	5
Receptor_135	Residential	371559	758230	4	6	2	5
Receptor_136	Residential	371637	758281	3	6	2	5
Receptor_137	Residential	371715	758333	3	5	2	5
Receptor_138	Residential	371769	758261	3	5	2	5
Receptor_139	Residential	371822	758189	3	6	2	5
Receptor_14	Recreational	366877	756544	1	1	0	3

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	3	5	2	5
Receptor_141	Residential	371894	758081	3	6	2	5
Receptor_142	Residential	371959	758074	3	5	2	5
Receptor_143	Offsite Worker	371953	757977	3	5	2	5
Receptor_144	Offsite Worker	371948	757880	4	6	2	5
Receptor_145	Offsite Worker	371943	757783	4	6	2	5
Receptor_146	Offsite Worker	372016	757794	4	5	2	5
Receptor_147	Offsite Worker	372102	757791	3	5	2	4
Receptor_148	Offsite Worker	372178	757760	3	5	2	4
Receptor_149	Offsite Worker	372177	757670	4	5	2	4
Receptor_15	Recreational	366839	756632	1	1	0	3
Receptor_150	Offsite Worker	372176	757579	4	5	2	4
Receptor_151	Offsite Worker	372174	757489	4	6	2	4
Receptor_152	Offsite Worker	372173	757398	4	6	2	4
Receptor_153	Offsite Worker	372171	757308	4	6	2	4
Receptor_154	Offsite Worker	372055	757309	4	6	2	5
Receptor_155	Residential	372055	757363	4	6	2	4
Receptor_156	Offsite Worker	372055	757416	4	6	2	4
Receptor_157	Offsite Worker	371952	757442	4	6	2	5
Receptor_158	Offsite Worker	371950	757345	4	6	2	5
Receptor_159	Offsite Worker	371864	757344	5	6	2	5
Receptor_16	Recreational	366800	756720	1	1	0	3
Receptor_160	Offsite Worker	371790	757347	5	7	2	5
Receptor_161	Offsite Worker	371708	757356	5	7	2	5
Receptor_162	Offsite Worker	371615	757356	5	7	2	5
Receptor_163	Offsite Worker	371523	757356	5	7	2	5
Receptor_164	Offsite Worker	371430	757356	5	7	2	5
Receptor_165	Offsite Worker	371338	757356	5	8	3	5
Receptor_166	Offsite Worker	371245	757356	5	8	3	6
Receptor_167	Offsite Worker	371153	757356	6	9	3	6
Receptor_168	Offsite Worker	371061	757356	6	10	4	6
Receptor_169	Offsite Worker	371005	757357	7	11	4	7
Receptor_17	Recreational	366762	756809	1	1	0	3
Receptor_170	Offsite Worker	370998	757293	6	10	4	6
Receptor_171	Offsite Worker	370998	757194	6	9	3	6
Receptor_172	Offsite Worker	370998	757096	6	9	3	5
Receptor_173	Offsite Worker	370998	756998	7	9	3	5
Receptor_174	Offsite Worker	371057	756997	7	9	2	5
Receptor_175	Offsite Worker	371153	756997	7	9	2	5
Receptor_176	Offsite Worker	371249	756997	7	9	2	5
Receptor_177	Offsite Worker	371345	756997	6	9	2	5
Receptor_178	Offsite Worker	371440	756997	6	8	2	5
Receptor_179	Offsite Worker	371536	756997	6	8	2	5
Receptor_18	Recreational	366723	756897	1	1	0	3
Receptor_180	Offsite Worker	371632	756997	6	8	2	5
Receptor_181	Offsite Worker	371728	756997	6	8	2	5

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	6	8	2	5
Receptor_183	Offsite Worker	371920	756997	6	8	2	5
Receptor_184	Offsite Worker	372016	756997	5	8	2	5
Receptor_185	Offsite Worker	372111	756997	5	8	2	5
Receptor_186	Offsite Worker	372207	756997	5	8	2	5
Receptor_187	Offsite Worker	372303	756997	5	8	2	5
Receptor_188	Offsite Worker	372399	756997	5	8	2	5
Receptor_189	Offsite Worker	372495	756997	5	7	2	5
Receptor_19	Recreational	366685	756985	1	1	0	3
Receptor_190	Offsite Worker	372591	756997	5	7	2	5
Receptor_191	Offsite Worker	372610	757063	5	7	2	5
Receptor_192	Offsite Worker	372612	757132	4	6	2	5
Receptor_193	Offsite Worker	372614	757201	4	6	2	4
Receptor_194	Offsite Worker	372616	757270	4	6	2	4
Receptor_195	Offsite Worker	372627	757351	4	5	2	4
Receptor_196	Offsite Worker	372651	757422	4	5	2	4
Receptor_197	Offsite Worker	372676	757494	3	5	1	4
Receptor_198	Offsite Worker	372704	757569	3	5	1	4
Receptor_199	Offsite Worker	372733	757645	3	4	1	4
Receptor_2	Recreational	367340	755485	1	2	1	3
Receptor_20	Recreational	366646	757074	1	1	0	3
Receptor_200	Offsite Worker	372746	757702	3	4	1	4
Receptor_201	Offsite Worker	372746	757768	3	4	1	4
Receptor_202	Offsite Worker	372807	757781	3	4	1	4
Receptor_203	Offsite Worker	372901	757782	3	4	1	4
Receptor_204	Offsite Worker	372994	757783	3	4	1	4
Receptor_205	Offsite Worker	373087	757783	3	4	1	4
Receptor_206	Offsite Worker	373180	757784	2	4	1	4
Receptor_207	Offsite Worker	373274	757785	2	4	1	4
Receptor_208	Offsite Worker	373367	757786	2	3	1	4
Receptor_209	Offsite Worker	373418	757742	2	3	1	4
Receptor_21	Recreational	366607	757162	1	1	0	3
Receptor_210	Offsite Worker	373418	757653	2	4	1	4
Receptor_211	Offsite Worker	373419	757564	3	4	1	4
Receptor_212	Offsite Worker	373419	757475	3	4	1	4
Receptor_213	Offsite Worker	373420	757386	3	4	1	4
Receptor_214	Offsite Worker	373420	757297	3	4	1	4
Receptor_215	Offsite Worker	373421	757207	3	4	1	4
Receptor_216	Offsite Worker	373421	757118	3	4	1	4
Receptor_217	Offsite Worker	373292	757117	3	5	1	4
Receptor_218	Offsite Worker	373213	757118	3	5	2	4
Receptor_219	Offsite Worker	373158	757066	4	5	2	4
Receptor_22	Recreational	366569	757250	1	1	0	3
Receptor_220	Offsite Worker	373084	757026	4	6	2	4
Receptor_221	Offsite Worker	373009	757011	4	6	2	4
Receptor_222	Offsite Worker	372922	757009	4	6	2	5

Table 52							VisW Flight Rule
LAX SPAS							SO ₂ , Annual Averaging Time
Operational Concentrations							SO ₂ , Annual Averaging Time
11/14/2012 Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	4	7	2	5
Receptor_224	Offsite Worker	372747	757006	5	7	2	5
Receptor_225	Offsite Worker	372660	757004	5	7	2	5
Receptor_226	Offsite Worker	372651	757063	5	7	2	5
Receptor_227	Offsite Worker	372629	756931	5	8	2	5
Receptor_228	Offsite Worker	372631	756857	6	9	3	5
Receptor_229	Offsite Worker	372634	756783	7	10	3	6
Receptor_23	Recreational	366530	757338	1	1	0	3
Receptor_230	Offsite Worker	372702	756778	6	9	3	5
Receptor_231	Offsite Worker	372756	756775	6	9	3	5
Receptor_232	Offsite Worker	372729	756712	7	10	3	6
Receptor_233	Offsite Worker	372703	756650	8	12	4	6
Receptor_234	Offsite Worker	372677	756588	9	13	4	7
Receptor_235	Offsite Worker	372619	756588	10	15	4	7
Receptor_236	Offsite Worker	372622	756509	12	18	5	8
Receptor_237	Offsite Worker	372700	756511	10	14	4	7
Receptor_238	Offsite Worker	372789	756510	8	11	3	6
Receptor_239	Offsite Worker	372871	756509	6	9	3	5
Receptor_24	Recreational	366492	757427	1	1	0	3
Receptor_240	Offsite Worker	372871	756437	6	8	2	5
Receptor_241	Offsite Worker	372970	756437	5	6	2	4
Receptor_242	Offsite Worker	373069	756437	4	5	1	4
Receptor_243	Offsite Worker	373168	756437	3	4	1	4
Receptor_244	Offsite Worker	373267	756437	3	4	1	4
Receptor_245	Offsite Worker	373412	756437	2	3	1	4
Receptor_246	Offsite Worker	373409	756339	2	3	1	3
Receptor_247	Offsite Worker	373406	756240	2	3	1	3
Receptor_248	Offsite Worker	373403	756142	2	2	1	3
Receptor_249	Offsite Worker	373400	756042	2	2	1	3
Receptor_25	Recreational	366453	757515	0	1	0	3
Receptor_250	Offsite Worker	373397	755944	1	2	1	3
Receptor_251	Offsite Worker	373393	755846	1	2	0	3
Receptor_252	Offsite Worker	373390	755747	1	1	0	3
Receptor_253	Offsite Worker	373309	755744	1	1	0	3
Receptor_254	Offsite Worker	373229	755743	1	2	0	3
Receptor_255	Offsite Worker	373143	755741	1	2	0	3
Receptor_256	Offsite Worker	373143	755823	1	2	0	3
Receptor_257	Offsite Worker	373143	755906	2	2	1	3
Receptor_258	Offsite Worker	373065	755906	2	2	1	3
Receptor_259	Offsite Worker	373065	755827	1	2	1	3
Receptor_26	Recreational	366415	757603	0	1	0	3
Receptor_260	Offsite Worker	373068	755733	1	2	0	3
Receptor_261	Offsite Worker	373007	755733	1	2	0	3
Receptor_262	Offsite Worker	372941	755733	1	2	0	3
Receptor_263	Offsite Worker	372941	755636	1	2	0	3
Receptor_264	Offsite Worker	372941	755539	1	1	0	3

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	1	1	0	3
Receptor_266	Offsite Worker	372913	755342	1	1	0	3
Receptor_267	Offsite Worker	372817	755346	1	1	0	3
Receptor_268	Offsite Worker	372720	755349	1	1	0	3
Receptor_269	Offsite Worker	372624	755352	1	1	0	3
Receptor_27	Recreational	366376	757692	0	1	0	3
Receptor_270	Offsite Worker	372527	755349	1	2	0	3
Receptor_271	Offsite Worker	372431	755353	1	2	0	3
Receptor_272	Offsite Worker	372334	755356	1	2	0	3
Receptor_273	Offsite Worker	372237	755359	1	2	0	3
Receptor_274	Offsite Worker	372141	755362	2	2	0	3
Receptor_275	Offsite Worker	372044	755366	2	2	1	3
Receptor_276	Offsite Worker	371948	755369	2	3	1	3
Receptor_277	Offsite Worker	371851	755372	2	3	1	3
Receptor_278	Offsite Worker	371755	755375	2	3	1	3
Receptor_279	Offsite Worker	371658	755378	3	3	1	3
Receptor_28	Residential	366338	757780	0	1	0	3
Receptor_280	Offsite Worker	371562	755382	3	3	1	3
Receptor_281	Offsite Worker	371465	755385	3	4	1	3
Receptor_282	Offsite Worker	371368	755388	3	4	1	3
Receptor_283	Offsite Worker	371272	755391	3	4	1	3
Receptor_284	Offsite Worker	371175	755395	3	4	1	3
Receptor_285	Offsite Worker	371079	755398	3	4	1	3
Receptor_286	Offsite Worker	371042	755478	4	5	1	4
Receptor_287	Offsite Worker	371009	755538	5	6	1	4
Receptor_288	Offsite Worker	370975	755597	5	6	1	4
Receptor_289	Offsite Worker	370925	755597	5	6	1	4
Receptor_29	Residential	366402	757746	0	1	0	3
Receptor_290	Offsite Worker	370860	755547	5	6	1	4
Receptor_291	Offsite Worker	370796	755497	4	5	1	4
Receptor_292	Offsite Worker	370733	755428	4	5	1	4
Receptor_293	Offsite Worker	370634	755428	4	5	1	4
Receptor_294	Offsite Worker	370536	755428	4	5	1	4
Receptor_295	Offsite Worker	370437	755428	4	5	1	4
Receptor_296	Offsite Worker	370338	755427	4	5	1	4
Receptor_297	Residential	370239	755427	4	5	1	4
Receptor_298	Residential	370138	755427	4	5	1	4
Receptor_299	Residential	370040	755427	4	5	1	4
Receptor_3	Recreational	367301	755573	1	2	1	3
Receptor_30	Residential	366467	757713	0	1	0	3
Receptor_300	Residential	369941	755426	4	5	1	4
Receptor_301	Residential	369842	755426	4	5	1	4
Receptor_302	School	369741	755435	4	5	1	4
Receptor_303	School	369643	755434	4	5	1	4
Receptor_304	Residential	369544	755434	4	5	1	4
Receptor_305	Residential	369445	755434	4	5	1	4

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	4	5	1	4
Receptor_307	Offsite Worker	369249	755442	4	5	1	4
Receptor_308	Offsite Worker	369151	755442	4	5	1	4
Receptor_309	Offsite Worker	369052	755442	4	5	1	4
Receptor_31	Residential	366531	757679	0	1	0	3
Receptor_310	Residential	368953	755441	3	5	1	4
Receptor_311	Residential	368854	755441	3	5	1	4
Receptor_312	Residential	368755	755441	3	4	1	4
Receptor_313	Residential	368657	755441	3	4	1	4
Receptor_314	Residential	368558	755440	3	4	1	4
Receptor_315	Residential	368459	755440	3	4	1	4
Receptor_316	Residential	368360	755440	2	4	1	4
Receptor_317	Residential	368262	755439	2	3	1	4
Receptor_318	Residential	368186	755427	2	3	1	4
Receptor_319	Residential	368111	755414	2	3	1	4
Receptor_32	Residential	366567	757773	0	1	0	3
Receptor_320	Offsite Worker	368035	755402	2	3	1	4
Receptor_321	Offsite Worker	367960	755389	2	3	1	4
Receptor_322	Offsite Worker	367863	755390	2	3	1	4
Receptor_323	Offsite Worker	367766	755392	2	3	1	3
Receptor_324	Offsite Worker	367669	755393	2	2	1	3
Receptor_325	Offsite Worker	367572	755394	2	2	1	3
Receptor_326	Offsite Worker	367475	755395	1	2	1	3
Receptor_327	On-Site Occupational	370400	756850	9	12	3	6
Receptor_33	Residential	366625	757758	0	1	0	3
Receptor_34	Residential	366682	757744	0	1	0	3
Receptor_35	Residential	366768	757788	0	1	0	3
Receptor_36	Residential	366854	757833	0	1	0	3
Receptor_37	Residential	366941	757877	1	1	0	3
Receptor_38	Residential	367027	757922	1	1	0	3
Receptor_39	Residential	367113	757966	1	1	0	3
Receptor_4	Recreational	367263	755661	1	2	1	3
Receptor_40	Residential	367192	757916	1	1	0	3
Receptor_41	Residential	367264	757916	1	1	0	3
Receptor_42	Residential	367335	757916	1	1	0	3
Receptor_43	Residential	367343	757966	1	1	0	3
Receptor_44	Residential	367404	757995	1	1	0	3
Receptor_45	Residential	367465	758024	1	1	0	3
Receptor_46	School	367504	757948	1	1	0	3
Receptor_47	School	367544	757873	1	1	0	3
Receptor_48	School	367587	757909	1	1	0	3
Receptor_49	School	367623	757866	1	1	0	3
Receptor_5	Recreational	367224	755749	1	2	1	3
Receptor_50	School	367694	757866	1	1	0	3
Receptor_51	School	367716	757927	1	1	0	3
Receptor_52	School	367737	757988	1	1	0	3

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations							SO2, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	1	1	0	3
Receptor_54	School	367716	758146	1	1	0	3
Receptor_55	Residential	367673	758189	1	1	0	3
Receptor_56	School	367723	758254	1	1	0	3
Receptor_57	School	367784	758221	1	1	0	3
Receptor_58	School	367845	758189	1	1	0	3
Receptor_59	Residential	367816	758096	1	1	0	3
Receptor_6	Recreational	367186	755838	1	2	1	3
Receptor_60	Residential	367898	758066	1	1	0	3
Receptor_61	Residential	367980	758035	1	1	0	3
Receptor_62	Residential	368062	758005	1	1	0	3
Receptor_63	Residential	368144	757975	1	1	1	3
Receptor_64	Residential	368226	757945	1	2	1	3
Receptor_65	Residential	368301	757943	1	2	1	3
Receptor_66	Residential	368376	757941	1	2	1	3
Receptor_67	Residential	368452	757940	1	2	1	3
Receptor_68	Residential	368527	757938	1	2	1	4
Receptor_69	Residential	368563	757880	1	3	1	4
Receptor_7	Recreational	367147	755926	1	2	1	3
Receptor_70	Residential	368636	757926	1	3	1	4
Receptor_71	Residential	368709	757971	1	3	1	4
Receptor_72	Residential	368782	758017	2	3	1	4
Receptor_73	Residential	368855	758062	2	3	1	4
Receptor_74	Residential	368928	758108	2	3	1	4
Receptor_75	Residential	369001	758153	2	3	1	4
Receptor_76	Residential	369058	758074	2	4	2	4
Receptor_77	Residential	369102	758103	2	4	2	4
Receptor_78	Residential	369145	758132	2	4	2	4
Receptor_79	Residential	369200	758065	2	4	2	5
Receptor_8	Recreational	367109	756014	1	2	1	3
Receptor_80	Residential	369255	757998	3	5	2	5
Receptor_81	Residential	369310	757931	3	6	3	6
Receptor_82	Residential	369356	757981	3	6	3	5
Receptor_83	Residential	369403	758031	3	5	2	5
Receptor_84	Recreational	369336	758100	2	4	2	5
Receptor_85	Recreational	369269	758170	2	4	2	4
Receptor_86	Recreational	369202	758239	2	3	1	4
Receptor_87	Recreational	369264	758285	2	3	1	4
Receptor_88	Recreational	369326	758330	2	3	1	4
Receptor_89	Recreational	369389	758376	2	3	1	4
Receptor_9	Recreational	367070	756103	1	2	1	3
Receptor_90	Recreational	369389	758462	2	3	1	4
Receptor_91	Recreational	369389	758548	2	3	1	4
Receptor_92	Residential	369389	758634	1	2	1	4
Receptor_93	Residential	369469	758630	1	2	1	4
Receptor_94	Residential	369549	758625	2	3	1	4

Table 52							
LAX SPAS							VisW Flight Rule
Operational Concentrations				SO2, Annual Averaging Time			
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	2	3	1	4
Receptor_96	Residential	369710	758617	2	3	1	4
Receptor_97	Residential	369791	758613	2	3	1	4
Receptor_98	Residential	369791	758514	2	3	1	4
Receptor_99	Residential	369791	758416	2	4	2	4

Table 53										VisW Flight Rule							
LAX SPAS										SO ₂ , Annual Averaging Time							
Operational Concentrations																	
11/14/2012										Staff-Recommended Alternative (SRA)							
Peak Values					Peak Incremental Values					Total Concentration (NAAQS)							
		Annual SO ₂		Location				Annual SO ₂		Location				Annual SO ₂		Location	
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)		
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative									
Residential	5.01	371183	758027	Residential	3.32	371248	758024	Residential	5.94	371248	758024						
School	4.08	369741	755435	School	2.21	370250	758189	School	4.83	370250	758189						
Offsite Worker	12.12	372622	756509	Offsite Worker	6.40	371026	757794	Offsite Worker	9.02	371026	757794						
Recreational	2.37	369336	758100	Recreational	2.06	369336	758100	Recreational	4.68	369336	758100						
On-Site Occupational	8.80	370400	756850	On-Site Occupational	3.28	370400	756850	On-Site Occupational	5.90	370400	756850						
Staff-Recommended Alternative																	
Residential	8.32	371183	758027														
School	6.29	370308	758196														
Offsite Worker	17.61	372622	756509														
Recreational	4.43	369336	758100														
On-Site Occupational	12.08	370400	756850														
Notes:																	
Average concentration is modeled output from AERMOD, version 12060.																	
Project concentration is difference between given alternative and baseline (project increment).																	
Total concentration is project concentration plus monitored background concentration.																	
Annual SO ₂ standard only applicable to NAAQS primary standard.																	

Table 54								VisW Flight Rule
LAX SPAS								PM10, 24-Hour Averaging Time
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	5	5	0	52	44
Receptor_10	Recreational	367032	756191	4	4	0	52	44
Receptor_100	Residential	369791	758318	5	5	-1	51	43
Receptor_101	Residential	369881	758318	5	5	-1	51	43
Receptor_102	Residential	369972	758318	5	5	0	52	44
Receptor_103	Residential	370062	758318	5	6	0	52	44
Receptor_104	Residential	370153	758318	6	6	0	52	44
Receptor_105	Residential	370243	758318	7	6	-1	51	43
Receptor_106	School	370247	758254	7	6	-1	51	43
Receptor_107	School	370250	758189	8	7	-1	51	43
Receptor_108	School	370308	758196	8	7	-1	51	42
Receptor_109	School	370361	758236	8	7	-1	51	42
Receptor_11	Recreational	366993	756279	4	3	0	52	44
Receptor_110	School	370415	758275	8	7	-1	51	42
Receptor_111	Residential	370408	758347	7	6	-1	51	43
Receptor_112	Residential	370490	758344	8	6	-1	51	42
Receptor_113	Residential	370572	758341	8	7	-1	51	42
Receptor_114	Residential	370654	758338	8	7	-1	51	42
Receptor_115	Residential	370735	758335	8	7	-1	51	43
Receptor_116	Residential	370817	758333	7	7	-1	51	43
Receptor_117	Offsite Worker	370814	758243	8	7	-1	51	43
Receptor_118	Offsite Worker	370810	758153	8	8	-1	51	43
Receptor_119	Offsite Worker	370807	758063	9	8	0	52	43
Receptor_12	Recreational	366954	756367	3	4	0	52	44
Receptor_120	Offsite Worker	370803	757974	9	9	0	52	44
Receptor_121	Offsite Worker	370835	757927	9	10	0	52	44
Receptor_122	Offsite Worker	370868	757880	10	10	1	53	44
Receptor_123	Offsite Worker	370921	757884	9	10	1	53	44
Receptor_124	Offsite Worker	370975	757887	9	9	0	52	44
Receptor_125	Offsite Worker	370975	757794	10	10	0	52	44
Receptor_126	Offsite Worker	371026	757794	10	10	0	52	43
Receptor_127	Offsite Worker	371076	757877	9	9	0	52	43
Receptor_128	Offsite Worker	371126	757959	8	8	0	52	43
Receptor_129	Offsite Worker	371119	758031	8	7	0	52	43
Receptor_13	Recreational	366916	756456	4	4	0	52	44
Receptor_130	Residential	371183	758027	8	8	0	52	44
Receptor_131	Residential	371248	758024	8	8	0	52	44
Receptor_132	Residential	371326	758075	8	8	0	52	44
Receptor_133	Residential	371404	758127	7	8	1	53	44
Receptor_134	Residential	371481	758178	7	9	2	54	46
Receptor_135	Residential	371559	758230	6	9	2	54	46
Receptor_136	Residential	371637	758281	6	8	1	53	45
Receptor_137	Residential	371715	758333	6	7	1	53	45
Receptor_138	Residential	371769	758261	7	8	1	53	45
Receptor_139	Residential	371822	758189	8	8	0	52	44
Receptor_14	Recreational	366877	756544	4	4	0	52	44

Table 54								VisW Flight Rule
LAX SPAS								PM10, 24-Hour Averaging Time
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	9	8	-1	51	42
Receptor_141	Residential	371894	758081	10	8	-2	50	41
Receptor_142	Residential	371959	758074	9	7	-2	50	42
Receptor_143	Offsite Worker	371953	757977	10	8	-2	50	41
Receptor_144	Offsite Worker	371948	757880	9	8	-1	51	43
Receptor_145	Offsite Worker	371943	757783	10	9	-1	51	43
Receptor_146	Offsite Worker	372016	757794	9	9	-1	51	43
Receptor_147	Offsite Worker	372102	757791	9	8	-1	51	43
Receptor_148	Offsite Worker	372178	757760	8	8	-1	51	43
Receptor_149	Offsite Worker	372177	757670	9	8	0	52	43
Receptor_15	Recreational	366839	756632	4	4	0	52	44
Receptor_150	Offsite Worker	372176	757579	9	8	0	52	44
Receptor_151	Offsite Worker	372174	757489	8	8	0	52	44
Receptor_152	Offsite Worker	372173	757398	8	8	0	52	43
Receptor_153	Offsite Worker	372171	757308	8	7	0	52	44
Receptor_154	Offsite Worker	372055	757309	9	9	0	52	43
Receptor_155	Residential	372055	757363	9	9	0	52	43
Receptor_156	Offsite Worker	372055	757416	9	9	0	52	43
Receptor_157	Offsite Worker	371952	757442	10	10	0	52	44
Receptor_158	Offsite Worker	371950	757345	11	10	-1	51	42
Receptor_159	Offsite Worker	371864	757344	13	11	-2	50	42
Receptor_16	Recreational	366800	756720	4	4	0	52	44
Receptor_160	Offsite Worker	371790	757347	13	11	-2	50	42
Receptor_161	Offsite Worker	371708	757356	13	12	-1	51	42
Receptor_162	Offsite Worker	371615	757356	13	12	0	52	43
Receptor_163	Offsite Worker	371523	757356	14	13	-1	51	43
Receptor_164	Offsite Worker	371430	757356	14	14	0	52	43
Receptor_165	Offsite Worker	371338	757356	15	14	-1	51	42
Receptor_166	Offsite Worker	371245	757356	17	14	-2	50	41
Receptor_167	Offsite Worker	371153	757356	18	15	-3	49	41
Receptor_168	Offsite Worker	371061	757356	19	16	-3	49	40
Receptor_169	Offsite Worker	371005	757357	20	16	-3	49	40
Receptor_17	Recreational	366762	756809	4	4	0	52	44
Receptor_170	Offsite Worker	370998	757293	22	19	-3	49	41
Receptor_171	Offsite Worker	370998	757194	24	24	0	52	44
Receptor_172	Offsite Worker	370998	757096	29	29	1	53	44
Receptor_173	Offsite Worker	370998	756998	38	38	0	52	44
Receptor_174	Offsite Worker	371057	756997	28	26	-2	50	41
Receptor_175	Offsite Worker	371153	756997	25	23	-1	51	42
Receptor_176	Offsite Worker	371249	756997	30	30	0	52	43
Receptor_177	Offsite Worker	371345	756997	23	24	1	53	45
Receptor_178	Offsite Worker	371440	756997	17	16	-1	51	42
Receptor_179	Offsite Worker	371536	756997	15	14	-1	51	42
Receptor_18	Recreational	366723	756897	4	4	0	52	44
Receptor_180	Offsite Worker	371632	756997	14	13	-1	51	43
Receptor_181	Offsite Worker	371728	756997	13	12	-1	51	43

Table 54								VisW Flight Rule
LAX SPAS								PM10, 24-Hour Averaging Time
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	11	11	-1	51	43
Receptor_183	Offsite Worker	371920	756997	10	10	-1	51	43
Receptor_184	Offsite Worker	372016	756997	10	9	0	52	43
Receptor_185	Offsite Worker	372111	756997	9	9	0	52	43
Receptor_186	Offsite Worker	372207	756997	8	8	0	52	44
Receptor_187	Offsite Worker	372303	756997	8	8	0	52	44
Receptor_188	Offsite Worker	372399	756997	8	8	0	52	44
Receptor_189	Offsite Worker	372495	756997	7	7	0	52	44
Receptor_19	Recreational	366685	756985	4	3	0	52	43
Receptor_190	Offsite Worker	372591	756997	7	7	0	52	44
Receptor_191	Offsite Worker	372610	757063	7	7	1	53	44
Receptor_192	Offsite Worker	372612	757132	7	8	1	53	45
Receptor_193	Offsite Worker	372614	757201	6	7	1	53	45
Receptor_194	Offsite Worker	372616	757270	6	7	1	53	44
Receptor_195	Offsite Worker	372627	757351	6	6	0	52	44
Receptor_196	Offsite Worker	372651	757422	5	5	0	52	44
Receptor_197	Offsite Worker	372676	757494	6	5	0	52	44
Receptor_198	Offsite Worker	372704	757569	6	6	0	52	44
Receptor_199	Offsite Worker	372733	757645	6	6	0	52	44
Receptor_2	Recreational	367340	755485	5	5	0	52	44
Receptor_20	Recreational	366646	757074	4	3	0	52	43
Receptor_200	Offsite Worker	372746	757702	6	6	0	52	44
Receptor_201	Offsite Worker	372746	757768	6	6	0	52	44
Receptor_202	Offsite Worker	372807	757781	6	6	0	52	44
Receptor_203	Offsite Worker	372901	757782	6	7	1	53	45
Receptor_204	Offsite Worker	372994	757783	5	7	2	54	45
Receptor_205	Offsite Worker	373087	757783	5	7	2	54	46
Receptor_206	Offsite Worker	373180	757784	5	7	2	54	46
Receptor_207	Offsite Worker	373274	757785	4	7	2	54	46
Receptor_208	Offsite Worker	373367	757786	4	6	2	54	46
Receptor_209	Offsite Worker	373418	757742	4	6	2	54	46
Receptor_21	Recreational	366607	757162	3	3	0	52	43
Receptor_210	Offsite Worker	373418	757653	3	5	2	54	45
Receptor_211	Offsite Worker	373419	757564	3	5	2	54	45
Receptor_212	Offsite Worker	373419	757475	4	5	1	53	45
Receptor_213	Offsite Worker	373420	757386	4	5	1	53	45
Receptor_214	Offsite Worker	373420	757297	5	6	1	53	45
Receptor_215	Offsite Worker	373421	757207	5	6	1	53	45
Receptor_216	Offsite Worker	373421	757118	4	5	0	52	44
Receptor_217	Offsite Worker	373292	757117	5	6	1	53	45
Receptor_218	Offsite Worker	373213	757118	5	6	1	53	45
Receptor_219	Offsite Worker	373158	757066	5	5	0	52	44
Receptor_22	Recreational	366569	757250	3	3	0	52	43
Receptor_220	Offsite Worker	373084	757026	5	5	0	52	44
Receptor_221	Offsite Worker	373009	757011	6	5	0	52	43
Receptor_222	Offsite Worker	372922	757009	6	6	0	52	43

Table 54								VisW Flight Rule
LAX SPAS								PM10, 24-Hour Averaging Time
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	6	6	0	52	44
Receptor_224	Offsite Worker	372747	757006	6	6	0	52	44
Receptor_225	Offsite Worker	372660	757004	6	7	1	53	44
Receptor_226	Offsite Worker	372651	757063	6	7	1	53	45
Receptor_227	Offsite Worker	372629	756931	7	7	0	52	44
Receptor_228	Offsite Worker	372631	756857	7	7	0	52	44
Receptor_229	Offsite Worker	372634	756783	7	7	0	52	44
Receptor_23	Recreational	366530	757338	3	3	0	52	43
Receptor_230	Offsite Worker	372702	756778	7	7	0	52	44
Receptor_231	Offsite Worker	372756	756775	7	6	0	52	43
Receptor_232	Offsite Worker	372729	756712	6	7	0	52	44
Receptor_233	Offsite Worker	372703	756650	6	7	0	52	44
Receptor_234	Offsite Worker	372677	756588	7	7	0	52	44
Receptor_235	Offsite Worker	372619	756588	8	8	0	52	44
Receptor_236	Offsite Worker	372622	756509	7	7	0	52	44
Receptor_237	Offsite Worker	372700	756511	6	7	1	53	44
Receptor_238	Offsite Worker	372789	756510	6	6	0	52	44
Receptor_239	Offsite Worker	372871	756509	6	6	0	52	44
Receptor_24	Recreational	366492	757427	3	2	-1	51	43
Receptor_240	Offsite Worker	372871	756437	5	6	0	52	44
Receptor_241	Offsite Worker	372970	756437	5	5	0	52	44
Receptor_242	Offsite Worker	373069	756437	5	5	0	52	44
Receptor_243	Offsite Worker	373168	756437	4	5	0	52	44
Receptor_244	Offsite Worker	373267	756437	4	4	0	52	44
Receptor_245	Offsite Worker	373412	756437	4	4	0	52	44
Receptor_246	Offsite Worker	373409	756339	4	4	0	52	43
Receptor_247	Offsite Worker	373406	756240	4	4	0	52	44
Receptor_248	Offsite Worker	373403	756142	5	4	-1	51	43
Receptor_249	Offsite Worker	373400	756042	5	5	-1	51	43
Receptor_25	Recreational	366453	757515	3	2	0	52	43
Receptor_250	Offsite Worker	373397	755944	5	5	0	52	43
Receptor_251	Offsite Worker	373393	755846	4	4	0	52	44
Receptor_252	Offsite Worker	373390	755747	4	4	0	52	43
Receptor_253	Offsite Worker	373309	755744	4	4	0	52	43
Receptor_254	Offsite Worker	373229	755743	4	4	-1	51	43
Receptor_255	Offsite Worker	373143	755741	5	4	-1	51	43
Receptor_256	Offsite Worker	373143	755823	5	4	-1	51	43
Receptor_257	Offsite Worker	373143	755906	6	5	-2	50	42
Receptor_258	Offsite Worker	373065	755906	8	5	-3	49	41
Receptor_259	Offsite Worker	373065	755827	7	4	-3	49	41
Receptor_26	Recreational	366415	757603	3	3	0	52	44
Receptor_260	Offsite Worker	373068	755733	5	4	-1	51	43
Receptor_261	Offsite Worker	373007	755733	5	4	-1	51	42
Receptor_262	Offsite Worker	372941	755733	5	4	-2	50	42
Receptor_263	Offsite Worker	372941	755636	5	3	-1	51	42
Receptor_264	Offsite Worker	372941	755539	5	3	-2	50	42

Table 54								VisW Flight Rule
LAX SPAS								PM10, 24-Hour Averaging Time
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	4	3	-1	51	42
Receptor_266	Offsite Worker	372913	755342	4	3	-1	51	43
Receptor_267	Offsite Worker	372817	755346	4	3	-1	51	43
Receptor_268	Offsite Worker	372720	755349	4	3	-1	51	43
Receptor_269	Offsite Worker	372624	755352	4	3	-1	51	42
Receptor_27	Recreational	366376	757692	3	3	0	52	44
Receptor_270	Offsite Worker	372527	755349	4	3	-1	51	42
Receptor_271	Offsite Worker	372431	755353	7	4	-3	49	41
Receptor_272	Offsite Worker	372334	755356	8	6	-2	50	41
Receptor_273	Offsite Worker	372237	755359	7	6	-2	50	42
Receptor_274	Offsite Worker	372141	755362	7	7	0	52	44
Receptor_275	Offsite Worker	372044	755366	6	5	-1	51	42
Receptor_276	Offsite Worker	371948	755369	5	5	-1	51	43
Receptor_277	Offsite Worker	371851	755372	6	5	-1	51	42
Receptor_278	Offsite Worker	371755	755375	6	5	-1	51	42
Receptor_279	Offsite Worker	371658	755378	5	4	-1	51	43
Receptor_28	Residential	366338	757780	3	3	0	52	44
Receptor_280	Offsite Worker	371562	755382	5	6	0	52	44
Receptor_281	Offsite Worker	371465	755385	5	4	-1	51	43
Receptor_282	Offsite Worker	371368	755388	8	8	1	53	45
Receptor_283	Offsite Worker	371272	755391	5	5	0	52	43
Receptor_284	Offsite Worker	371175	755395	5	5	0	52	43
Receptor_285	Offsite Worker	371079	755398	5	5	-1	51	43
Receptor_286	Offsite Worker	371042	755478	5	5	0	52	43
Receptor_287	Offsite Worker	371009	755538	5	5	0	52	44
Receptor_288	Offsite Worker	370975	755597	6	5	0	52	43
Receptor_289	Offsite Worker	370925	755597	6	6	0	52	43
Receptor_29	Residential	366402	757746	3	3	0	52	44
Receptor_290	Offsite Worker	370860	755547	6	6	0	52	43
Receptor_291	Offsite Worker	370796	755497	7	6	0	52	43
Receptor_292	Offsite Worker	370733	755428	7	7	0	52	43
Receptor_293	Offsite Worker	370634	755428	8	8	-1	51	43
Receptor_294	Offsite Worker	370536	755428	12	12	0	52	44
Receptor_295	Offsite Worker	370437	755428	13	12	0	52	43
Receptor_296	Offsite Worker	370338	755427	13	13	0	52	44
Receptor_297	Residential	370239	755427	13	14	1	53	44
Receptor_298	Residential	370138	755427	12	10	-2	50	41
Receptor_299	Residential	370040	755427	10	9	-1	51	43
Receptor_3	Recreational	367301	755573	5	5	0	52	44
Receptor_30	Residential	366467	757713	3	3	0	52	44
Receptor_300	Residential	369941	755426	10	9	-1	51	43
Receptor_301	Residential	369842	755426	12	10	-2	50	42
Receptor_302	School	369741	755435	13	11	-2	50	42
Receptor_303	School	369643	755434	13	11	-2	50	42
Receptor_304	Residential	369544	755434	12	11	-2	50	42
Receptor_305	Residential	369445	755434	12	10	-2	50	42

Table 54								VisW Flight Rule
LAX SPAS								PM10, 24-Hour Averaging Time
Operational Concentrations								PM10, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	11	9	-2	50	42
Receptor_307	Offsite Worker	369249	755442	8	8	-1	51	43
Receptor_308	Offsite Worker	369151	755442	7	7	0	52	43
Receptor_309	Offsite Worker	369052	755442	7	7	0	52	43
Receptor_31	Residential	366531	757679	3	3	0	52	44
Receptor_310	Residential	368953	755441	7	7	-1	51	43
Receptor_311	Residential	368854	755441	7	6	-1	51	43
Receptor_312	Residential	368755	755441	7	7	-1	51	43
Receptor_313	Residential	368657	755441	7	7	0	52	43
Receptor_314	Residential	368558	755440	7	7	0	52	43
Receptor_315	Residential	368459	755440	7	7	0	52	43
Receptor_316	Residential	368360	755440	7	7	0	52	43
Receptor_317	Residential	368262	755439	7	7	0	52	43
Receptor_318	Residential	368186	755427	7	7	0	52	43
Receptor_319	Residential	368111	755414	7	7	0	52	43
Receptor_32	Residential	366567	757773	3	4	0	52	44
Receptor_320	Offsite Worker	368035	755402	7	6	0	52	43
Receptor_321	Offsite Worker	367960	755389	7	6	0	52	43
Receptor_322	Offsite Worker	367863	755390	6	6	0	52	44
Receptor_323	Offsite Worker	367766	755392	6	6	0	52	44
Receptor_324	Offsite Worker	367669	755393	6	5	0	52	44
Receptor_325	Offsite Worker	367572	755394	5	5	0	52	44
Receptor_326	Offsite Worker	367475	755395	5	5	0	52	44
Receptor_327	On-Site Occupational	370400	756850	51	42	-9	43	35
Receptor_33	Residential	366625	757758	3	4	0	52	44
Receptor_34	Residential	366682	757744	3	4	0	52	44
Receptor_35	Residential	366768	757788	3	4	0	52	44
Receptor_36	Residential	366854	757833	4	4	0	52	44
Receptor_37	Residential	366941	757877	4	4	0	52	44
Receptor_38	Residential	367027	757922	4	4	0	52	44
Receptor_39	Residential	367113	757966	4	4	0	52	44
Receptor_4	Recreational	367263	755661	4	4	0	52	44
Receptor_40	Residential	367192	757916	4	4	0	52	44
Receptor_41	Residential	367264	757916	4	4	0	52	44
Receptor_42	Residential	367335	757916	4	4	0	52	44
Receptor_43	Residential	367343	757966	4	4	0	52	44
Receptor_44	Residential	367404	757995	4	4	0	52	44
Receptor_45	Residential	367465	758024	4	4	0	52	44
Receptor_46	School	367504	757948	4	4	0	52	44
Receptor_47	School	367544	757873	5	5	0	52	44
Receptor_48	School	367587	757909	4	4	0	52	44
Receptor_49	School	367623	757866	5	5	0	52	44
Receptor_5	Recreational	367224	755749	4	4	0	52	44
Receptor_50	School	367694	757866	5	5	0	52	44
Receptor_51	School	367716	757927	4	4	0	52	44
Receptor_52	School	367737	757988	4	4	0	52	44

Table 54								VisW Flight Rule	
LAX SPAS								Operational Concentrations	
11/14/2012		Staff-Recommended Alternative (SRA)						PM10, 24-Hour Averaging Time	
Receptor ID	Type	Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)	
		X	Y	Baseline	SRA	SRA	SRA	SRA	
Receptor_53	School	367727	758067	4	4	0	52	43	
Receptor_54	School	367716	758146	3	3	0	52	43	
Receptor_55	Residential	367673	758189	3	3	0	52	43	
Receptor_56	School	367723	758254	3	3	0	52	43	
Receptor_57	School	367784	758221	3	3	0	52	43	
Receptor_58	School	367845	758189	3	3	0	52	43	
Receptor_59	Residential	367816	758096	4	3	0	52	43	
Receptor_6	Recreational	367186	755838	3	4	0	52	44	
Receptor_60	Residential	367898	758066	4	4	0	52	43	
Receptor_61	Residential	367980	758035	4	4	0	52	43	
Receptor_62	Residential	368062	758005	4	4	0	52	43	
Receptor_63	Residential	368144	757975	4	4	0	52	43	
Receptor_64	Residential	368226	757945	4	4	0	52	43	
Receptor_65	Residential	368301	757943	4	4	0	52	43	
Receptor_66	Residential	368376	757941	4	4	0	52	43	
Receptor_67	Residential	368452	757940	4	4	0	52	44	
Receptor_68	Residential	368527	757938	4	4	0	52	43	
Receptor_69	Residential	368563	757880	5	4	0	52	43	
Receptor_7	Recreational	367147	755926	3	4	0	52	44	
Receptor_70	Residential	368636	757926	5	4	0	52	43	
Receptor_71	Residential	368709	757971	5	4	-1	51	43	
Receptor_72	Residential	368782	758017	4	4	-1	51	43	
Receptor_73	Residential	368855	758062	4	4	-1	51	43	
Receptor_74	Residential	368928	758108	4	4	0	52	43	
Receptor_75	Residential	369001	758153	4	4	0	52	43	
Receptor_76	Residential	369058	758074	4	4	0	52	43	
Receptor_77	Residential	369102	758103	4	4	0	52	43	
Receptor_78	Residential	369145	758132	4	4	0	52	43	
Receptor_79	Residential	369200	758065	5	4	0	52	43	
Receptor_8	Recreational	367109	756014	3	3	0	52	44	
Receptor_80	Residential	369255	757998	5	4	0	52	43	
Receptor_81	Residential	369310	757931	5	5	-1	51	43	
Receptor_82	Residential	369356	757981	5	5	-1	51	43	
Receptor_83	Residential	369403	758031	5	4	-1	51	43	
Receptor_84	Recreational	369336	758100	4	4	0	52	43	
Receptor_85	Recreational	369269	758170	4	4	0	52	43	
Receptor_86	Recreational	369202	758239	4	4	0	52	43	
Receptor_87	Recreational	369264	758285	4	3	0	52	43	
Receptor_88	Recreational	369326	758330	4	3	0	52	43	
Receptor_89	Recreational	369389	758376	4	3	0	52	43	
Receptor_9	Recreational	367070	756103	3	4	0	52	44	
Receptor_90	Recreational	369389	758462	3	3	0	52	43	
Receptor_91	Recreational	369389	758548	3	3	0	52	43	
Receptor_92	Residential	369389	758634	3	3	0	52	43	
Receptor_93	Residential	369469	758630	3	3	0	52	43	
Receptor_94	Residential	369549	758625	4	3	-1	51	43	

Table 54								
LAX SPAS							VisW Flight Rule	
Operational Concentrations							PM10, 24-Hour Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)							
Receptor ID	Type	Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
		X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	4	3	0	52	43
Receptor_96	Residential	369710	758617	4	4	0	52	43
Receptor_97	Residential	369791	758613	4	4	0	52	43
Receptor_98	Residential	369791	758514	4	4	0	52	43
Receptor_99	Residential	369791	758416	5	4	-1	51	43

Table 55													VisW Flight Rule		
LAX SPAS													PM10, 24-Hour Averaging Time		
Operational Concentrations													PM10, 24-Hour Averaging Time		
11/14/2012													Staff-Recommended Alternative (SRA)		
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)				Total Concentration (NAAQS)			
Type	24-Hour PM10	Location		Type	24-Hour PM10	Location		Type	24-Hour PM10	Location		Type	24-Hour PM10	Location	
	(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	13.18	370239	755427	Residential	2.19	371481	758178	Residential	54.19	371481	758178	Residential	45.86	371481	758178
School	12.96	369741	755435	School	0.01	367544	757873	School	52.01	367544	757873	School	43.67	367544	757873
Offsite Worker	37.99	370998	756998	Offsite Worker	2.28	373367	757786	Offsite Worker	54.28	373367	757786	Offsite Worker	45.94	373367	757786
Recreational	4.82	367340	755485	Recreational	0.35	366376	757692	Recreational	52.35	366376	757692	Recreational	44.01	366376	757692
On-Site Occupational	51.10	370400	756850	On-Site Occupational	-8.65	370400	756850	On-Site Occupational	43.35	370400	756850	On-Site Occupational	35.02	370400	756850
Staff-Recommended Alternative															
Residential	14.00	370239	755427												
School	11.09	369741	755435												
Offsite Worker	37.97	370998	756998												
Recreational	4.75	367340	755485												
On-Site Occupational	42.45	370400	756850												
Notes:															
Average concentration is modeled output from AERMOD, version 12060.															
Project concentration is difference between given alternative and baseline (project increment).															
Total concentration is project concentration plus monitored background concentration.															
Background concentration for CAAQS and NAAQS different for averaging period.															

Table 56							VisW Flight Rule
LAX SPAS							PM10, Annual Averaging Time
Operational Concentrations							PM10, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	1	1	0	26
Receptor_10	Recreational	367032	756191	1	1	0	26
Receptor_100	Residential	369791	758318	1	1	0	26
Receptor_101	Residential	369881	758318	1	1	0	26
Receptor_102	Residential	369972	758318	1	1	0	26
Receptor_103	Residential	370062	758318	1	1	0	26
Receptor_104	Residential	370153	758318	1	1	0	26
Receptor_105	Residential	370243	758318	1	1	0	26
Receptor_106	School	370247	758254	1	2	0	26
Receptor_107	School	370250	758189	2	2	0	26
Receptor_108	School	370308	758196	2	2	0	26
Receptor_109	School	370361	758236	2	2	0	26
Receptor_11	Recreational	366993	756279	1	1	0	26
Receptor_110	School	370415	758275	2	2	0	26
Receptor_111	Residential	370408	758347	1	1	0	26
Receptor_112	Residential	370490	758344	1	2	0	26
Receptor_113	Residential	370572	758341	2	2	0	26
Receptor_114	Residential	370654	758338	2	2	0	26
Receptor_115	Residential	370735	758335	2	2	0	26
Receptor_116	Residential	370817	758333	2	2	0	26
Receptor_117	Offsite Worker	370814	758243	2	2	0	26
Receptor_118	Offsite Worker	370810	758153	2	2	0	26
Receptor_119	Offsite Worker	370807	758063	2	3	0	26
Receptor_12	Recreational	366954	756367	1	1	0	25
Receptor_120	Offsite Worker	370803	757974	3	3	0	26
Receptor_121	Offsite Worker	370835	757927	3	3	0	26
Receptor_122	Offsite Worker	370868	757880	3	4	0	26
Receptor_123	Offsite Worker	370921	757884	3	4	0	26
Receptor_124	Offsite Worker	370975	757887	3	4	0	26
Receptor_125	Offsite Worker	370975	757794	4	4	1	26
Receptor_126	Offsite Worker	371026	757794	4	5	1	26
Receptor_127	Offsite Worker	371076	757877	3	4	1	26
Receptor_128	Offsite Worker	371126	757959	3	3	1	26
Receptor_129	Offsite Worker	371119	758031	3	3	0	26
Receptor_13	Recreational	366916	756456	0	0	0	25
Receptor_130	Residential	371183	758027	3	3	1	26
Receptor_131	Residential	371248	758024	3	3	1	26
Receptor_132	Residential	371326	758075	2	3	1	26
Receptor_133	Residential	371404	758127	2	3	1	27
Receptor_134	Residential	371481	758178	2	3	1	27
Receptor_135	Residential	371559	758230	2	3	1	27
Receptor_136	Residential	371637	758281	2	3	1	26
Receptor_137	Residential	371715	758333	2	2	1	26
Receptor_138	Residential	371769	758261	2	3	1	26
Receptor_139	Residential	371822	758189	3	3	0	26
Receptor_14	Recreational	366877	756544	0	0	0	25

Table 56							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM10, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	3	3	0	25
Receptor_141	Residential	371894	758081	4	3	-1	24
Receptor_142	Residential	371959	758074	4	3	-1	25
Receptor_143	Offsite Worker	371953	757977	4	3	-1	24
Receptor_144	Offsite Worker	371948	757880	4	3	0	25
Receptor_145	Offsite Worker	371943	757783	4	4	0	25
Receptor_146	Offsite Worker	372016	757794	4	3	0	25
Receptor_147	Offsite Worker	372102	757791	3	3	0	25
Receptor_148	Offsite Worker	372178	757760	3	3	0	25
Receptor_149	Offsite Worker	372177	757670	3	3	0	25
Receptor_15	Recreational	366839	756632	0	0	0	25
Receptor_150	Offsite Worker	372176	757579	3	3	0	25
Receptor_151	Offsite Worker	372174	757489	3	3	0	25
Receptor_152	Offsite Worker	372173	757398	3	3	0	25
Receptor_153	Offsite Worker	372171	757308	3	3	0	26
Receptor_154	Offsite Worker	372055	757309	3	3	0	25
Receptor_155	Residential	372055	757363	3	3	0	25
Receptor_156	Offsite Worker	372055	757416	3	3	0	25
Receptor_157	Offsite Worker	371952	757442	4	4	0	25
Receptor_158	Offsite Worker	371950	757345	4	3	-1	25
Receptor_159	Offsite Worker	371864	757344	6	4	-2	24
Receptor_16	Recreational	366800	756720	0	0	0	26
Receptor_160	Offsite Worker	371790	757347	6	5	-2	24
Receptor_161	Offsite Worker	371708	757356	6	5	-1	25
Receptor_162	Offsite Worker	371615	757356	5	5	0	26
Receptor_163	Offsite Worker	371523	757356	5	6	0	26
Receptor_164	Offsite Worker	371430	757356	6	6	0	26
Receptor_165	Offsite Worker	371338	757356	6	6	0	25
Receptor_166	Offsite Worker	371245	757356	7	7	0	25
Receptor_167	Offsite Worker	371153	757356	8	7	0	25
Receptor_168	Offsite Worker	371061	757356	8	8	0	25
Receptor_169	Offsite Worker	371005	757357	9	8	0	25
Receptor_17	Recreational	366762	756809	0	0	0	26
Receptor_170	Offsite Worker	370998	757293	10	9	0	25
Receptor_171	Offsite Worker	370998	757194	11	11	0	25
Receptor_172	Offsite Worker	370998	757096	13	13	-1	25
Receptor_173	Offsite Worker	370998	756998	17	17	0	25
Receptor_174	Offsite Worker	371057	756997	13	12	-1	25
Receptor_175	Offsite Worker	371153	756997	12	11	0	25
Receptor_176	Offsite Worker	371249	756997	15	15	0	25
Receptor_177	Offsite Worker	371345	756997	9	9	0	25
Receptor_178	Offsite Worker	371440	756997	6	6	0	25
Receptor_179	Offsite Worker	371536	756997	5	5	0	25
Receptor_18	Recreational	366723	756897	0	0	0	26
Receptor_180	Offsite Worker	371632	756997	4	4	0	25
Receptor_181	Offsite Worker	371728	756997	4	4	0	26

Table 56							VisW Flight Rule
LAX SPAS							PM10, Annual Averaging Time
Operational Concentrations							
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	3	3	0	26
Receptor_183	Offsite Worker	371920	756997	3	3	0	26
Receptor_184	Offsite Worker	372016	756997	3	3	0	26
Receptor_185	Offsite Worker	372111	756997	3	3	0	26
Receptor_186	Offsite Worker	372207	756997	3	3	0	26
Receptor_187	Offsite Worker	372303	756997	3	3	0	26
Receptor_188	Offsite Worker	372399	756997	3	3	1	26
Receptor_189	Offsite Worker	372495	756997	2	3	1	26
Receptor_19	Recreational	366685	756985	0	0	0	26
Receptor_190	Offsite Worker	372591	756997	2	3	1	26
Receptor_191	Offsite Worker	372610	757063	2	3	1	26
Receptor_192	Offsite Worker	372612	757132	2	3	1	26
Receptor_193	Offsite Worker	372614	757201	2	3	1	26
Receptor_194	Offsite Worker	372616	757270	2	2	1	26
Receptor_195	Offsite Worker	372627	757351	2	2	1	26
Receptor_196	Offsite Worker	372651	757422	2	2	1	26
Receptor_197	Offsite Worker	372676	757494	2	2	0	26
Receptor_198	Offsite Worker	372704	757569	2	2	0	26
Receptor_199	Offsite Worker	372733	757645	2	2	0	26
Receptor_2	Recreational	367340	755485	1	1	0	26
Receptor_20	Recreational	366646	757074	0	0	0	26
Receptor_200	Offsite Worker	372746	757702	2	2	0	26
Receptor_201	Offsite Worker	372746	757768	2	2	0	26
Receptor_202	Offsite Worker	372807	757781	2	2	0	26
Receptor_203	Offsite Worker	372901	757782	2	3	1	26
Receptor_204	Offsite Worker	372994	757783	2	3	1	27
Receptor_205	Offsite Worker	373087	757783	1	3	1	27
Receptor_206	Offsite Worker	373180	757784	1	3	1	27
Receptor_207	Offsite Worker	373274	757785	1	2	1	27
Receptor_208	Offsite Worker	373367	757786	1	2	1	27
Receptor_209	Offsite Worker	373418	757742	1	2	1	26
Receptor_21	Recreational	366607	757162	0	0	0	26
Receptor_210	Offsite Worker	373418	757653	1	2	1	26
Receptor_211	Offsite Worker	373419	757564	1	2	1	26
Receptor_212	Offsite Worker	373419	757475	1	2	1	26
Receptor_213	Offsite Worker	373420	757386	1	2	1	26
Receptor_214	Offsite Worker	373420	757297	1	2	1	26
Receptor_215	Offsite Worker	373421	757207	1	2	1	26
Receptor_216	Offsite Worker	373421	757118	1	1	0	26
Receptor_217	Offsite Worker	373292	757117	1	2	1	26
Receptor_218	Offsite Worker	373213	757118	1	2	1	26
Receptor_219	Offsite Worker	373158	757066	1	2	0	26
Receptor_22	Recreational	366569	757250	0	0	0	26
Receptor_220	Offsite Worker	373084	757026	2	2	0	26
Receptor_221	Offsite Worker	373009	757011	2	2	0	26
Receptor_222	Offsite Worker	372922	757009	2	2	0	25

Table 56							VisW Flight Rule
LAX SPAS							PM10, Annual Averaging Time
Operational Concentrations							
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	2	2	0	26
Receptor_224	Offsite Worker	372747	757006	2	2	1	26
Receptor_225	Offsite Worker	372660	757004	2	3	1	26
Receptor_226	Offsite Worker	372651	757063	2	3	1	26
Receptor_227	Offsite Worker	372629	756931	2	3	1	26
Receptor_228	Offsite Worker	372631	756857	2	3	0	26
Receptor_229	Offsite Worker	372634	756783	2	3	0	26
Receptor_23	Recreational	366530	757338	0	0	0	26
Receptor_230	Offsite Worker	372702	756778	2	2	0	26
Receptor_231	Offsite Worker	372756	756775	2	2	0	26
Receptor_232	Offsite Worker	372729	756712	2	2	0	26
Receptor_233	Offsite Worker	372703	756650	2	3	0	26
Receptor_234	Offsite Worker	372677	756588	2	3	0	26
Receptor_235	Offsite Worker	372619	756588	3	3	1	26
Receptor_236	Offsite Worker	372622	756509	2	3	1	26
Receptor_237	Offsite Worker	372700	756511	2	3	0	26
Receptor_238	Offsite Worker	372789	756510	2	2	0	26
Receptor_239	Offsite Worker	372871	756509	2	2	0	26
Receptor_24	Recreational	366492	757427	0	0	0	26
Receptor_240	Offsite Worker	372871	756437	2	2	0	26
Receptor_241	Offsite Worker	372970	756437	1	1	0	25
Receptor_242	Offsite Worker	373069	756437	1	1	0	25
Receptor_243	Offsite Worker	373168	756437	1	1	0	25
Receptor_244	Offsite Worker	373267	756437	1	1	0	25
Receptor_245	Offsite Worker	373412	756437	1	1	0	25
Receptor_246	Offsite Worker	373409	756339	1	1	0	25
Receptor_247	Offsite Worker	373406	756240	1	1	-1	25
Receptor_248	Offsite Worker	373403	756142	2	1	-1	24
Receptor_249	Offsite Worker	373400	756042	2	1	-1	25
Receptor_25	Recreational	366453	757515	0	0	0	26
Receptor_250	Offsite Worker	373397	755944	1	1	0	25
Receptor_251	Offsite Worker	373393	755846	1	0	0	25
Receptor_252	Offsite Worker	373390	755747	1	0	0	25
Receptor_253	Offsite Worker	373309	755744	1	0	0	25
Receptor_254	Offsite Worker	373229	755743	1	0	0	25
Receptor_255	Offsite Worker	373143	755741	1	1	0	25
Receptor_256	Offsite Worker	373143	755823	1	1	-1	25
Receptor_257	Offsite Worker	373143	755906	2	1	-1	24
Receptor_258	Offsite Worker	373065	755906	3	1	-2	23
Receptor_259	Offsite Worker	373065	755827	2	1	-1	24
Receptor_26	Recreational	366415	757603	0	0	0	26
Receptor_260	Offsite Worker	373068	755733	1	1	0	25
Receptor_261	Offsite Worker	373007	755733	1	1	-1	25
Receptor_262	Offsite Worker	372941	755733	1	1	-1	25
Receptor_263	Offsite Worker	372941	755636	1	1	0	25
Receptor_264	Offsite Worker	372941	755539	1	0	0	25

Table 56							VisW Flight Rule
LAX SPAS							PM10, Annual Averaging Time
Operational Concentrations							
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	1	0	0	25
Receptor_266	Offsite Worker	372913	755342	0	0	0	25
Receptor_267	Offsite Worker	372817	755346	1	0	0	25
Receptor_268	Offsite Worker	372720	755349	1	0	0	25
Receptor_269	Offsite Worker	372624	755352	1	1	0	25
Receptor_27	Recreational	366376	757692	0	0	0	26
Receptor_270	Offsite Worker	372527	755349	1	1	0	25
Receptor_271	Offsite Worker	372431	755353	1	1	0	25
Receptor_272	Offsite Worker	372334	755356	1	1	0	25
Receptor_273	Offsite Worker	372237	755359	2	1	0	25
Receptor_274	Offsite Worker	372141	755362	2	1	0	25
Receptor_275	Offsite Worker	372044	755366	2	1	0	25
Receptor_276	Offsite Worker	371948	755369	1	1	0	25
Receptor_277	Offsite Worker	371851	755372	2	1	-1	25
Receptor_278	Offsite Worker	371755	755375	2	1	-1	25
Receptor_279	Offsite Worker	371658	755378	1	1	0	25
Receptor_28	Residential	366338	757780	0	0	0	26
Receptor_280	Offsite Worker	371562	755382	2	2	0	26
Receptor_281	Offsite Worker	371465	755385	1	1	0	25
Receptor_282	Offsite Worker	371368	755388	2	2	0	26
Receptor_283	Offsite Worker	371272	755391	2	2	0	25
Receptor_284	Offsite Worker	371175	755395	2	2	0	25
Receptor_285	Offsite Worker	371079	755398	1	1	0	25
Receptor_286	Offsite Worker	371042	755478	1	1	0	25
Receptor_287	Offsite Worker	371009	755538	2	1	0	25
Receptor_288	Offsite Worker	370975	755597	2	2	0	25
Receptor_289	Offsite Worker	370925	755597	2	2	0	25
Receptor_29	Residential	366402	757746	0	0	0	26
Receptor_290	Offsite Worker	370860	755547	2	2	0	25
Receptor_291	Offsite Worker	370796	755497	1	1	0	25
Receptor_292	Offsite Worker	370733	755428	1	1	0	25
Receptor_293	Offsite Worker	370634	755428	1	1	0	26
Receptor_294	Offsite Worker	370536	755428	2	2	0	26
Receptor_295	Offsite Worker	370437	755428	2	2	0	26
Receptor_296	Offsite Worker	370338	755427	2	2	0	26
Receptor_297	Residential	370239	755427	2	2	0	26
Receptor_298	Residential	370138	755427	2	2	0	26
Receptor_299	Residential	370040	755427	2	2	0	26
Receptor_3	Recreational	367301	755573	1	1	0	26
Receptor_30	Residential	366467	757713	0	0	0	26
Receptor_300	Residential	369941	755426	2	2	0	25
Receptor_301	Residential	369842	755426	2	2	0	25
Receptor_302	School	369741	755435	2	2	0	25
Receptor_303	School	369643	755434	2	2	0	25
Receptor_304	Residential	369544	755434	2	2	0	25
Receptor_305	Residential	369445	755434	2	2	0	25

Table 56							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM10, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	2	2	0	25
Receptor_307	Offsite Worker	369249	755442	2	2	0	25
Receptor_308	Offsite Worker	369151	755442	2	2	0	25
Receptor_309	Offsite Worker	369052	755442	2	2	0	25
Receptor_31	Residential	366531	757679	0	0	0	26
Receptor_310	Residential	368953	755441	2	2	0	25
Receptor_311	Residential	368854	755441	2	2	0	25
Receptor_312	Residential	368755	755441	2	2	0	25
Receptor_313	Residential	368657	755441	2	2	0	25
Receptor_314	Residential	368558	755440	1	1	0	25
Receptor_315	Residential	368459	755440	1	1	0	25
Receptor_316	Residential	368360	755440	1	1	0	26
Receptor_317	Residential	368262	755439	1	1	0	26
Receptor_318	Residential	368186	755427	1	1	0	26
Receptor_319	Residential	368111	755414	1	1	0	26
Receptor_32	Residential	366567	757773	0	0	0	26
Receptor_320	Offsite Worker	368035	755402	1	1	0	26
Receptor_321	Offsite Worker	367960	755389	1	1	0	26
Receptor_322	Offsite Worker	367863	755390	1	1	0	26
Receptor_323	Offsite Worker	367766	755392	1	1	0	26
Receptor_324	Offsite Worker	367669	755393	1	1	0	26
Receptor_325	Offsite Worker	367572	755394	1	1	0	26
Receptor_326	Offsite Worker	367475	755395	1	1	0	26
Receptor_327	On-Site Occupational	370400	756850	29	24	-5	21
Receptor_33	Residential	366625	757758	0	0	0	26
Receptor_34	Residential	366682	757744	0	0	0	26
Receptor_35	Residential	366768	757788	0	0	0	26
Receptor_36	Residential	366854	757833	0	0	0	26
Receptor_37	Residential	366941	757877	0	0	0	26
Receptor_38	Residential	367027	757922	0	0	0	26
Receptor_39	Residential	367113	757966	0	0	0	26
Receptor_4	Recreational	367263	755661	1	1	0	26
Receptor_40	Residential	367192	757916	0	0	0	26
Receptor_41	Residential	367264	757916	0	0	0	26
Receptor_42	Residential	367335	757916	0	0	0	26
Receptor_43	Residential	367343	757966	0	0	0	26
Receptor_44	Residential	367404	757995	0	0	0	26
Receptor_45	Residential	367465	758024	0	0	0	26
Receptor_46	School	367504	757948	0	0	0	26
Receptor_47	School	367544	757873	0	0	0	26
Receptor_48	School	367587	757909	0	0	0	26
Receptor_49	School	367623	757866	0	0	0	26
Receptor_5	Recreational	367224	755749	1	1	0	26
Receptor_50	School	367694	757866	0	0	0	26
Receptor_51	School	367716	757927	0	0	0	26
Receptor_52	School	367737	757988	0	0	0	26

Table 56							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM10, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	0	0	0	26
Receptor_54	School	367716	758146	0	0	0	26
Receptor_55	Residential	367673	758189	0	0	0	26
Receptor_56	School	367723	758254	0	0	0	26
Receptor_57	School	367784	758221	0	0	0	26
Receptor_58	School	367845	758189	0	0	0	26
Receptor_59	Residential	367816	758096	0	0	0	26
Receptor_6	Recreational	367186	755838	1	1	0	26
Receptor_60	Residential	367898	758066	0	0	0	26
Receptor_61	Residential	367980	758035	0	0	0	26
Receptor_62	Residential	368062	758005	0	0	0	26
Receptor_63	Residential	368144	757975	0	0	0	26
Receptor_64	Residential	368226	757945	0	0	0	26
Receptor_65	Residential	368301	757943	0	0	0	26
Receptor_66	Residential	368376	757941	0	0	0	26
Receptor_67	Residential	368452	757940	0	1	0	26
Receptor_68	Residential	368527	757938	0	1	0	26
Receptor_69	Residential	368563	757880	1	1	0	26
Receptor_7	Recreational	367147	755926	1	1	0	26
Receptor_70	Residential	368636	757926	1	1	0	26
Receptor_71	Residential	368709	757971	1	1	0	26
Receptor_72	Residential	368782	758017	1	1	0	26
Receptor_73	Residential	368855	758062	1	1	0	26
Receptor_74	Residential	368928	758108	1	1	0	26
Receptor_75	Residential	369001	758153	1	1	0	26
Receptor_76	Residential	369058	758074	1	1	0	26
Receptor_77	Residential	369102	758103	1	1	0	26
Receptor_78	Residential	369145	758132	1	1	0	26
Receptor_79	Residential	369200	758065	1	1	0	26
Receptor_8	Recreational	367109	756014	1	1	0	26
Receptor_80	Residential	369255	757998	1	1	0	26
Receptor_81	Residential	369310	757931	1	1	0	26
Receptor_82	Residential	369356	757981	1	1	0	26
Receptor_83	Residential	369403	758031	1	1	0	26
Receptor_84	Recreational	369336	758100	1	1	0	26
Receptor_85	Recreational	369269	758170	1	1	0	26
Receptor_86	Recreational	369202	758239	1	1	0	26
Receptor_87	Recreational	369264	758285	1	1	0	26
Receptor_88	Recreational	369326	758330	1	1	0	26
Receptor_89	Recreational	369389	758376	1	1	0	26
Receptor_9	Recreational	367070	756103	1	1	0	26
Receptor_90	Recreational	369389	758462	1	1	0	26
Receptor_91	Recreational	369389	758548	1	1	0	26
Receptor_92	Residential	369389	758634	1	1	0	26
Receptor_93	Residential	369469	758630	1	1	0	26
Receptor_94	Residential	369549	758625	1	1	0	26

Table 56							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM10, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	1	1	0	26
Receptor_96	Residential	369710	758617	1	1	0	26
Receptor_97	Residential	369791	758613	1	1	0	26
Receptor_98	Residential	369791	758514	1	1	0	26
Receptor_99	Residential	369791	758416	1	1	0	26

Table 57												
LAX SPAS											VisW Flight Rule	
Operational Concentrations											PM10, Annual Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)												
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)				
Annual PM10		Location		Annual PM10		Location		Annual PM10		Location		
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative				
Residential	4.22	371894	758081	Residential	1.14	371481	758178	Residential	26.64	371481	758178	
School	2.40	369741	755435	School	0.12	370250	758189	School	25.62	370250	758189	
Offsite Worker	17.33	370998	756998	Offsite Worker	1.19	373180	757784	Offsite Worker	26.69	373180	757784	
Recreational	0.86	367379	755396	Recreational	0.20	369336	758100	Recreational	25.70	369336	758100	
On-Site Occupational	28.73	370400	756850	On-Site Occupational	-4.79	370400	756850	On-Site Occupational	20.71	370400	756850	
Staff-Recommended Alternative												
Residential	3.40	371248	758024									
School	2.16	369741	755435									
Offsite Worker	16.99	370998	756998									
Recreational	0.96	369336	758100									
On-Site Occupational	23.94	370400	756850									
Notes:												
Average concentration is modeled output from AERMOD, version 12060.												
Project concentration is difference between given alternative and baseline (project increment).												
Total concentration is project concentration plus monitored background concentration.												
Annual PM10 standard only applicable to CAAQS.												

Table 58							VisW Flight Rule
LAX SPAS							PM2.5, 24-Hour Averaging Time
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	3	3	0	36
Receptor_10	Recreational	367032	756191	2	2	0	37
Receptor_100	Residential	369791	758318	4	3	-1	36
Receptor_101	Residential	369881	758318	4	3	0	36
Receptor_102	Residential	369972	758318	3	4	0	37
Receptor_103	Residential	370062	758318	4	4	0	37
Receptor_104	Residential	370153	758318	4	4	0	36
Receptor_105	Residential	370243	758318	5	4	-1	36
Receptor_106	School	370247	758254	5	4	-1	36
Receptor_107	School	370250	758189	5	4	-1	36
Receptor_108	School	370308	758196	6	4	-1	35
Receptor_109	School	370361	758236	6	4	-1	35
Receptor_11	Recreational	366993	756279	2	2	0	37
Receptor_110	School	370415	758275	5	4	-1	35
Receptor_111	Residential	370408	758347	5	4	-1	36
Receptor_112	Residential	370490	758344	5	4	-1	36
Receptor_113	Residential	370572	758341	5	4	-1	36
Receptor_114	Residential	370654	758338	5	4	-1	36
Receptor_115	Residential	370735	758335	5	4	-1	36
Receptor_116	Residential	370817	758333	4	4	0	36
Receptor_117	Offsite Worker	370814	758243	5	4	0	36
Receptor_118	Offsite Worker	370810	758153	5	5	0	36
Receptor_119	Offsite Worker	370807	758063	5	5	0	36
Receptor_12	Recreational	366954	756367	2	2	0	37
Receptor_120	Offsite Worker	370803	757974	6	6	0	37
Receptor_121	Offsite Worker	370835	757927	6	6	0	37
Receptor_122	Offsite Worker	370868	757880	6	6	0	37
Receptor_123	Offsite Worker	370921	757884	6	6	0	37
Receptor_124	Offsite Worker	370975	757887	6	6	0	36
Receptor_125	Offsite Worker	370975	757794	6	6	0	36
Receptor_126	Offsite Worker	371026	757794	7	6	0	36
Receptor_127	Offsite Worker	371076	757877	6	5	-1	36
Receptor_128	Offsite Worker	371126	757959	5	5	-1	36
Receptor_129	Offsite Worker	371119	758031	5	4	0	36
Receptor_13	Recreational	366916	756456	3	2	0	36
Receptor_130	Residential	371183	758027	5	4	0	36
Receptor_131	Residential	371248	758024	5	5	-1	36
Receptor_132	Residential	371326	758075	5	4	-1	36
Receptor_133	Residential	371404	758127	5	4	0	36
Receptor_134	Residential	371481	758178	4	4	0	36
Receptor_135	Residential	371559	758230	4	4	0	36
Receptor_136	Residential	371637	758281	4	4	0	36
Receptor_137	Residential	371715	758333	4	4	0	36
Receptor_138	Residential	371769	758261	4	4	0	36
Receptor_139	Residential	371822	758189	5	4	-1	36
Receptor_14	Recreational	366877	756544	3	2	0	36

Table 58							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	6	4	-2	35
Receptor_141	Residential	371894	758081	7	4	-2	34
Receptor_142	Residential	371959	758074	6	4	-2	34
Receptor_143	Offsite Worker	371953	757977	6	4	-2	34
Receptor_144	Offsite Worker	371948	757880	6	4	-2	35
Receptor_145	Offsite Worker	371943	757783	6	5	-2	35
Receptor_146	Offsite Worker	372016	757794	6	4	-1	35
Receptor_147	Offsite Worker	372102	757791	5	4	-1	35
Receptor_148	Offsite Worker	372178	757760	5	4	-1	35
Receptor_149	Offsite Worker	372177	757670	5	4	-1	35
Receptor_15	Recreational	366839	756632	3	2	0	36
Receptor_150	Offsite Worker	372176	757579	5	4	-1	36
Receptor_151	Offsite Worker	372174	757489	5	4	-1	36
Receptor_152	Offsite Worker	372173	757398	5	4	-1	36
Receptor_153	Offsite Worker	372171	757308	5	4	-1	36
Receptor_154	Offsite Worker	372055	757309	5	4	-1	35
Receptor_155	Residential	372055	757363	6	4	-1	35
Receptor_156	Offsite Worker	372055	757416	6	4	-1	35
Receptor_157	Offsite Worker	371952	757442	6	5	-1	35
Receptor_158	Offsite Worker	371950	757345	7	5	-2	34
Receptor_159	Offsite Worker	371864	757344	8	5	-3	33
Receptor_16	Recreational	366800	756720	3	2	0	36
Receptor_160	Offsite Worker	371790	757347	8	5	-3	33
Receptor_161	Offsite Worker	371708	757356	8	5	-2	34
Receptor_162	Offsite Worker	371615	757356	8	6	-2	34
Receptor_163	Offsite Worker	371523	757356	8	6	-2	34
Receptor_164	Offsite Worker	371430	757356	8	6	-2	34
Receptor_165	Offsite Worker	371338	757356	9	6	-2	34
Receptor_166	Offsite Worker	371245	757356	10	7	-3	34
Receptor_167	Offsite Worker	371153	757356	10	8	-3	34
Receptor_168	Offsite Worker	371061	757356	11	9	-3	34
Receptor_169	Offsite Worker	371005	757357	12	9	-3	34
Receptor_17	Recreational	366762	756809	3	2	0	36
Receptor_170	Offsite Worker	370998	757293	13	10	-3	33
Receptor_171	Offsite Worker	370998	757194	13	10	-3	33
Receptor_172	Offsite Worker	370998	757096	15	11	-4	33
Receptor_173	Offsite Worker	370998	756998	18	13	-5	32
Receptor_174	Offsite Worker	371057	756997	14	10	-4	32
Receptor_175	Offsite Worker	371153	756997	12	9	-3	33
Receptor_176	Offsite Worker	371249	756997	14	10	-4	33
Receptor_177	Offsite Worker	371345	756997	11	8	-2	34
Receptor_178	Offsite Worker	371440	756997	9	6	-2	34
Receptor_179	Offsite Worker	371536	756997	8	5	-2	34
Receptor_18	Recreational	366723	756897	2	2	0	36
Receptor_180	Offsite Worker	371632	756997	7	5	-2	34
Receptor_181	Offsite Worker	371728	756997	6	5	-2	35

Table 58							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	6	5	-1	35
Receptor_183	Offsite Worker	371920	756997	6	5	0	36
Receptor_184	Offsite Worker	372016	756997	5	4	-1	36
Receptor_185	Offsite Worker	372111	756997	5	4	-1	36
Receptor_186	Offsite Worker	372207	756997	5	4	-1	36
Receptor_187	Offsite Worker	372303	756997	4	4	-1	36
Receptor_188	Offsite Worker	372399	756997	4	4	0	36
Receptor_189	Offsite Worker	372495	756997	4	4	0	36
Receptor_19	Recreational	366685	756985	2	2	0	36
Receptor_190	Offsite Worker	372591	756997	4	4	0	36
Receptor_191	Offsite Worker	372610	757063	4	4	0	36
Receptor_192	Offsite Worker	372612	757132	4	3	0	36
Receptor_193	Offsite Worker	372614	757201	4	3	0	36
Receptor_194	Offsite Worker	372616	757270	4	3	0	36
Receptor_195	Offsite Worker	372627	757351	4	3	-1	36
Receptor_196	Offsite Worker	372651	757422	4	3	0	36
Receptor_197	Offsite Worker	372676	757494	4	3	0	36
Receptor_198	Offsite Worker	372704	757569	4	3	0	36
Receptor_199	Offsite Worker	372733	757645	4	3	0	36
Receptor_2	Recreational	367340	755485	3	3	0	36
Receptor_20	Recreational	366646	757074	2	2	0	36
Receptor_200	Offsite Worker	372746	757702	4	3	-1	36
Receptor_201	Offsite Worker	372746	757768	4	3	-1	36
Receptor_202	Offsite Worker	372807	757781	4	3	-1	36
Receptor_203	Offsite Worker	372901	757782	4	4	0	37
Receptor_204	Offsite Worker	372994	757783	3	4	0	37
Receptor_205	Offsite Worker	373087	757783	3	4	0	37
Receptor_206	Offsite Worker	373180	757784	3	4	1	37
Receptor_207	Offsite Worker	373274	757785	3	3	1	37
Receptor_208	Offsite Worker	373367	757786	3	3	1	37
Receptor_209	Offsite Worker	373418	757742	2	3	1	37
Receptor_21	Recreational	366607	757162	2	2	0	37
Receptor_210	Offsite Worker	373418	757653	2	3	1	37
Receptor_211	Offsite Worker	373419	757564	2	3	1	37
Receptor_212	Offsite Worker	373419	757475	3	3	0	37
Receptor_213	Offsite Worker	373420	757386	3	3	0	37
Receptor_214	Offsite Worker	373420	757297	3	3	0	37
Receptor_215	Offsite Worker	373421	757207	3	3	0	37
Receptor_216	Offsite Worker	373421	757118	3	3	0	36
Receptor_217	Offsite Worker	373292	757117	3	3	0	37
Receptor_218	Offsite Worker	373213	757118	3	3	0	37
Receptor_219	Offsite Worker	373158	757066	3	3	0	36
Receptor_22	Recreational	366569	757250	2	2	0	36
Receptor_220	Offsite Worker	373084	757026	3	3	-1	36
Receptor_221	Offsite Worker	373009	757011	4	3	-1	36
Receptor_222	Offsite Worker	372922	757009	4	3	-1	36

Table 58							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_223	Offsite Worker	372835	757007	3	3	0	36
Receptor_224	Offsite Worker	372747	757006	4	4	0	37
Receptor_225	Offsite Worker	372660	757004	4	4	0	36
Receptor_226	Offsite Worker	372651	757063	4	4	0	36
Receptor_227	Offsite Worker	372629	756931	4	4	0	37
Receptor_228	Offsite Worker	372631	756857	4	4	0	36
Receptor_229	Offsite Worker	372634	756783	5	5	0	37
Receptor_23	Recreational	366530	757338	2	2	0	36
Receptor_230	Offsite Worker	372702	756778	4	4	0	36
Receptor_231	Offsite Worker	372756	756775	4	4	0	36
Receptor_232	Offsite Worker	372729	756712	4	5	0	37
Receptor_233	Offsite Worker	372703	756650	4	5	0	37
Receptor_234	Offsite Worker	372677	756588	5	5	0	37
Receptor_235	Offsite Worker	372619	756588	5	5	0	36
Receptor_236	Offsite Worker	372622	756509	5	6	1	37
Receptor_237	Offsite Worker	372700	756511	5	5	1	37
Receptor_238	Offsite Worker	372789	756510	4	5	0	37
Receptor_239	Offsite Worker	372871	756509	4	4	0	37
Receptor_24	Recreational	366492	757427	2	2	0	37
Receptor_240	Offsite Worker	372871	756437	4	5	1	37
Receptor_241	Offsite Worker	372970	756437	4	4	1	37
Receptor_242	Offsite Worker	373069	756437	4	4	1	37
Receptor_243	Offsite Worker	373168	756437	3	4	0	37
Receptor_244	Offsite Worker	373267	756437	3	3	0	37
Receptor_245	Offsite Worker	373412	756437	3	3	0	37
Receptor_246	Offsite Worker	373409	756339	3	3	0	37
Receptor_247	Offsite Worker	373406	756240	3	3	0	36
Receptor_248	Offsite Worker	373403	756142	3	3	0	36
Receptor_249	Offsite Worker	373400	756042	4	3	0	36
Receptor_25	Recreational	366453	757515	2	2	0	37
Receptor_250	Offsite Worker	373397	755944	3	3	0	37
Receptor_251	Offsite Worker	373393	755846	3	3	0	37
Receptor_252	Offsite Worker	373390	755747	3	3	0	36
Receptor_253	Offsite Worker	373309	755744	3	3	0	36
Receptor_254	Offsite Worker	373229	755743	3	3	0	36
Receptor_255	Offsite Worker	373143	755741	3	3	0	36
Receptor_256	Offsite Worker	373143	755823	3	3	0	36
Receptor_257	Offsite Worker	373143	755906	4	3	-1	36
Receptor_258	Offsite Worker	373065	755906	5	3	-1	35
Receptor_259	Offsite Worker	373065	755827	4	3	-1	35
Receptor_26	Recreational	366415	757603	2	2	0	37
Receptor_260	Offsite Worker	373068	755733	3	3	-1	36
Receptor_261	Offsite Worker	373007	755733	4	3	-1	36
Receptor_262	Offsite Worker	372941	755733	4	3	-1	36
Receptor_263	Offsite Worker	372941	755636	4	3	-1	35
Receptor_264	Offsite Worker	372941	755539	4	2	-1	35

Table 58							VisW Flight Rule
LAX SPAS							PM2.5, 24-Hour Averaging Time
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	3	2	-1	35
Receptor_266	Offsite Worker	372913	755342	3	2	-1	36
Receptor_267	Offsite Worker	372817	755346	3	2	-1	36
Receptor_268	Offsite Worker	372720	755349	3	2	-1	36
Receptor_269	Offsite Worker	372624	755352	3	2	-1	35
Receptor_27	Recreational	366376	757692	2	2	0	37
Receptor_270	Offsite Worker	372527	755349	3	2	-1	35
Receptor_271	Offsite Worker	372431	755353	5	2	-2	34
Receptor_272	Offsite Worker	372334	755356	6	4	-2	35
Receptor_273	Offsite Worker	372237	755359	6	5	-1	36
Receptor_274	Offsite Worker	372141	755362	5	4	-1	35
Receptor_275	Offsite Worker	372044	755366	4	3	-1	35
Receptor_276	Offsite Worker	371948	755369	4	3	-1	36
Receptor_277	Offsite Worker	371851	755372	4	3	-1	36
Receptor_278	Offsite Worker	371755	755375	4	3	-1	36
Receptor_279	Offsite Worker	371658	755378	4	3	-1	36
Receptor_28	Residential	366338	757780	2	2	0	37
Receptor_280	Offsite Worker	371562	755382	4	3	-1	36
Receptor_281	Offsite Worker	371465	755385	4	3	-1	36
Receptor_282	Offsite Worker	371368	755388	5	3	-1	35
Receptor_283	Offsite Worker	371272	755391	4	3	-1	36
Receptor_284	Offsite Worker	371175	755395	4	3	-1	36
Receptor_285	Offsite Worker	371079	755398	4	3	-1	36
Receptor_286	Offsite Worker	371042	755478	4	3	-1	36
Receptor_287	Offsite Worker	371009	755538	4	4	0	36
Receptor_288	Offsite Worker	370975	755597	4	4	0	36
Receptor_289	Offsite Worker	370925	755597	4	4	0	36
Receptor_29	Residential	366402	757746	2	2	0	37
Receptor_290	Offsite Worker	370860	755547	4	4	0	36
Receptor_291	Offsite Worker	370796	755497	4	4	0	36
Receptor_292	Offsite Worker	370733	755428	4	4	-1	36
Receptor_293	Offsite Worker	370634	755428	5	4	-1	36
Receptor_294	Offsite Worker	370536	755428	8	8	0	36
Receptor_295	Offsite Worker	370437	755428	9	8	-1	36
Receptor_296	Offsite Worker	370338	755427	9	8	-1	36
Receptor_297	Residential	370239	755427	9	9	0	36
Receptor_298	Residential	370138	755427	9	7	-2	34
Receptor_299	Residential	370040	755427	7	6	-1	35
Receptor_3	Recreational	367301	755573	3	3	0	37
Receptor_30	Residential	366467	757713	2	2	0	37
Receptor_300	Residential	369941	755426	7	6	-1	35
Receptor_301	Residential	369842	755426	8	6	-2	35
Receptor_302	School	369741	755435	8	6	-2	34
Receptor_303	School	369643	755434	8	6	-2	34
Receptor_304	Residential	369544	755434	8	6	-2	34
Receptor_305	Residential	369445	755434	8	6	-2	34

Table 58							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	7	5	-2	35
Receptor_307	Offsite Worker	369249	755442	6	5	-1	36
Receptor_308	Offsite Worker	369151	755442	5	5	0	36
Receptor_309	Offsite Worker	369052	755442	5	5	0	36
Receptor_31	Residential	366531	757679	2	2	0	37
Receptor_310	Residential	368953	755441	5	4	-1	36
Receptor_311	Residential	368854	755441	5	4	-1	36
Receptor_312	Residential	368755	755441	5	4	-1	36
Receptor_313	Residential	368657	755441	5	4	-1	36
Receptor_314	Residential	368558	755440	5	4	-1	36
Receptor_315	Residential	368459	755440	5	4	-1	36
Receptor_316	Residential	368360	755440	4	4	0	36
Receptor_317	Residential	368262	755439	5	4	-1	36
Receptor_318	Residential	368186	755427	4	4	0	36
Receptor_319	Residential	368111	755414	4	4	0	36
Receptor_32	Residential	366567	757773	2	2	0	37
Receptor_320	Offsite Worker	368035	755402	4	4	0	36
Receptor_321	Offsite Worker	367960	755389	4	4	0	36
Receptor_322	Offsite Worker	367863	755390	4	4	0	36
Receptor_323	Offsite Worker	367766	755392	4	4	0	36
Receptor_324	Offsite Worker	367669	755393	4	3	0	36
Receptor_325	Offsite Worker	367572	755394	3	3	0	37
Receptor_326	Offsite Worker	367475	755395	3	3	0	37
Receptor_327	On-Site Occupational	370400	756850	25	15	-10	26
Receptor_33	Residential	366625	757758	2	2	0	37
Receptor_34	Residential	366682	757744	2	2	0	37
Receptor_35	Residential	366768	757788	2	3	0	37
Receptor_36	Residential	366854	757833	2	3	0	37
Receptor_37	Residential	366941	757877	2	3	0	37
Receptor_38	Residential	367027	757922	3	3	0	37
Receptor_39	Residential	367113	757966	3	3	0	36
Receptor_4	Recreational	367263	755661	3	3	0	37
Receptor_40	Residential	367192	757916	3	3	0	36
Receptor_41	Residential	367264	757916	3	3	0	36
Receptor_42	Residential	367335	757916	3	3	0	36
Receptor_43	Residential	367343	757966	3	3	0	36
Receptor_44	Residential	367404	757995	3	3	0	36
Receptor_45	Residential	367465	758024	3	3	0	36
Receptor_46	School	367504	757948	3	3	0	36
Receptor_47	School	367544	757873	3	3	0	36
Receptor_48	School	367587	757909	3	3	0	36
Receptor_49	School	367623	757866	3	3	0	36
Receptor_5	Recreational	367224	755749	2	3	0	37
Receptor_50	School	367694	757866	3	3	0	36
Receptor_51	School	367716	757927	3	3	0	36
Receptor_52	School	367737	757988	3	3	0	36

Table 58							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_53	School	367727	758067	3	2	0	36
Receptor_54	School	367716	758146	2	2	0	36
Receptor_55	Residential	367673	758189	2	2	0	36
Receptor_56	School	367723	758254	2	2	0	36
Receptor_57	School	367784	758221	2	2	0	36
Receptor_58	School	367845	758189	2	2	0	36
Receptor_59	Residential	367816	758096	3	2	0	36
Receptor_6	Recreational	367186	755838	2	2	0	37
Receptor_60	Residential	367898	758066	3	2	0	36
Receptor_61	Residential	367980	758035	3	2	0	36
Receptor_62	Residential	368062	758005	3	2	0	36
Receptor_63	Residential	368144	757975	3	3	0	36
Receptor_64	Residential	368226	757945	3	3	0	36
Receptor_65	Residential	368301	757943	3	3	0	36
Receptor_66	Residential	368376	757941	3	3	0	36
Receptor_67	Residential	368452	757940	3	3	0	36
Receptor_68	Residential	368527	757938	3	3	0	36
Receptor_69	Residential	368563	757880	3	3	0	36
Receptor_7	Recreational	367147	755926	2	2	0	37
Receptor_70	Residential	368636	757926	3	2	-1	36
Receptor_71	Residential	368709	757971	3	2	-1	36
Receptor_72	Residential	368782	758017	3	3	0	36
Receptor_73	Residential	368855	758062	3	3	0	36
Receptor_74	Residential	368928	758108	3	3	0	36
Receptor_75	Residential	369001	758153	3	2	0	36
Receptor_76	Residential	369058	758074	3	3	0	36
Receptor_77	Residential	369102	758103	3	3	0	36
Receptor_78	Residential	369145	758132	3	2	0	36
Receptor_79	Residential	369200	758065	3	3	0	36
Receptor_8	Recreational	367109	756014	2	2	0	37
Receptor_80	Residential	369255	757998	3	3	0	36
Receptor_81	Residential	369310	757931	3	3	0	36
Receptor_82	Residential	369356	757981	3	3	0	37
Receptor_83	Residential	369403	758031	3	3	0	37
Receptor_84	Recreational	369336	758100	3	3	0	37
Receptor_85	Recreational	369269	758170	3	3	0	36
Receptor_86	Recreational	369202	758239	3	2	0	36
Receptor_87	Recreational	369264	758285	2	2	0	36
Receptor_88	Recreational	369326	758330	2	2	0	37
Receptor_89	Recreational	369389	758376	2	2	0	36
Receptor_9	Recreational	367070	756103	2	2	0	37
Receptor_90	Recreational	369389	758462	2	2	0	36
Receptor_91	Recreational	369389	758548	2	2	0	36
Receptor_92	Residential	369389	758634	2	2	0	36
Receptor_93	Residential	369469	758630	3	2	0	36
Receptor_94	Residential	369549	758625	3	2	-1	36

Table 58							
LAX SPAS							VisW Flight Rule
Operational Concentrations							PM2.5, 24-Hour Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)						
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	3	2	-1	36
Receptor_96	Residential	369710	758617	3	2	-1	36
Receptor_97	Residential	369791	758613	3	2	0	36
Receptor_98	Residential	369791	758514	3	3	0	36
Receptor_99	Residential	369791	758416	3	3	-1	36

Table 59											
LAX SPAS										VisW Flight Rule	
Operational Concentrations										PM2.5, 24-Hour Averaging Time	
11/14/2012 Staff-Recommended Alternative (SRA)											
Peak Values				Peak Incremental Values				Total Concentration (NAAQS)			
24-Hour PM2.5		Location		24-Hour PM2.5		Location		24-Hour PM2.5		Location	
Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m)	Y (m)	Type	(µg/m ³)	X (m) Y (m)	
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	9.27	370239	755427	Residential	0.32	366531	757679	Residential	36.87	366531 757679	
School	8.22	369741	755435	School	-0.12	367723	758254	School	36.43	367723 758254	
Offsite Worker	17.73	370998	756998	Offsite Worker	0.78	372871	756437	Offsite Worker	37.33	372871 756437	
Recreational	3.05	367379	755396	Recreational	0.29	367186	755838	Recreational	36.84	367186 755838	
On-Site Occupational	25.30	370400	756850	On-Site Occupational	-10.10	370400	756850	On-Site Occupational	26.45	370400 756850	
Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	8.93	370239	755427								
School	6.13	369741	755435								
Offsite Worker	12.87	370998	756998								
Recreational	2.98	367379	755396								
On-Site Occupational	15.21	370400	756850								
Notes:											
Average concentration is modeled output from AERMOD, version 12060.											
Project concentration is difference between given alternative and baseline (project increment).											
Total concentration is project concentration plus monitored background concentration.											
24-hour PM2.5 standard only applicable to NAAQS primary standard.											

Table 60								VisW Flight Rule
LAX SPAS								PM2.5, Annual Averaging Time
Operational Concentrations								PM2.5, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_1	Recreational	367379	755396	1	1	0	14	14
Receptor_10	Recreational	367032	756191	0	0	0	14	14
Receptor_100	Residential	369791	758318	1	1	0	14	14
Receptor_101	Residential	369881	758318	1	1	0	14	14
Receptor_102	Residential	369972	758318	1	1	0	14	14
Receptor_103	Residential	370062	758318	1	1	0	14	14
Receptor_104	Residential	370153	758318	1	1	0	14	14
Receptor_105	Residential	370243	758318	1	1	0	14	14
Receptor_106	School	370247	758254	1	1	0	14	14
Receptor_107	School	370250	758189	1	1	0	14	14
Receptor_108	School	370308	758196	1	1	0	14	14
Receptor_109	School	370361	758236	1	1	0	14	14
Receptor_11	Recreational	366993	756279	0	0	0	14	14
Receptor_110	School	370415	758275	1	1	0	14	14
Receptor_111	Residential	370408	758347	1	1	0	14	14
Receptor_112	Residential	370490	758344	1	1	0	14	14
Receptor_113	Residential	370572	758341	1	1	0	14	14
Receptor_114	Residential	370654	758338	1	1	0	14	14
Receptor_115	Residential	370735	758335	1	1	0	14	14
Receptor_116	Residential	370817	758333	1	1	0	14	14
Receptor_117	Offsite Worker	370814	758243	1	1	0	14	14
Receptor_118	Offsite Worker	370810	758153	1	2	0	14	14
Receptor_119	Offsite Worker	370807	758063	2	2	0	14	14
Receptor_12	Recreational	366954	756367	0	0	0	14	14
Receptor_120	Offsite Worker	370803	757974	2	2	0	14	14
Receptor_121	Offsite Worker	370835	757927	2	2	0	14	14
Receptor_122	Offsite Worker	370868	757880	2	2	0	14	14
Receptor_123	Offsite Worker	370921	757884	2	2	0	14	14
Receptor_124	Offsite Worker	370975	757887	2	2	0	14	14
Receptor_125	Offsite Worker	370975	757794	3	3	0	15	14
Receptor_126	Offsite Worker	371026	757794	3	3	0	15	14
Receptor_127	Offsite Worker	371076	757877	2	2	0	14	14
Receptor_128	Offsite Worker	371126	757959	2	2	0	14	14
Receptor_129	Offsite Worker	371119	758031	2	2	0	14	14
Receptor_13	Recreational	366916	756456	0	0	0	14	14
Receptor_130	Residential	371183	758027	2	2	0	14	14
Receptor_131	Residential	371248	758024	2	2	0	14	14
Receptor_132	Residential	371326	758075	2	2	0	14	14
Receptor_133	Residential	371404	758127	2	2	0	14	14
Receptor_134	Residential	371481	758178	1	2	0	14	14
Receptor_135	Residential	371559	758230	1	2	0	14	14
Receptor_136	Residential	371637	758281	1	2	0	14	14
Receptor_137	Residential	371715	758333	1	1	0	14	14
Receptor_138	Residential	371769	758261	1	2	0	14	14
Receptor_139	Residential	371822	758189	2	2	0	14	13
Receptor_14	Recreational	366877	756544	0	0	0	14	14

Table 60								VisW Flight Rule
LAX SPAS								PM2.5, Annual Averaging Time
Operational Concentrations								PM2.5, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_140	Residential	371894	758160	2	2	-1	14	13
Receptor_141	Residential	371894	758081	3	2	-1	13	12
Receptor_142	Residential	371959	758074	3	2	-1	13	13
Receptor_143	Offsite Worker	371953	757977	3	2	-1	13	12
Receptor_144	Offsite Worker	371948	757880	2	2	-1	13	13
Receptor_145	Offsite Worker	371943	757783	3	2	-1	14	13
Receptor_146	Offsite Worker	372016	757794	2	2	-1	14	13
Receptor_147	Offsite Worker	372102	757791	2	2	0	14	13
Receptor_148	Offsite Worker	372178	757760	2	2	0	14	13
Receptor_149	Offsite Worker	372177	757670	2	2	0	14	13
Receptor_15	Recreational	366839	756632	0	0	0	14	14
Receptor_150	Offsite Worker	372176	757579	2	2	0	14	13
Receptor_151	Offsite Worker	372174	757489	2	2	0	14	13
Receptor_152	Offsite Worker	372173	757398	2	2	0	14	13
Receptor_153	Offsite Worker	372171	757308	2	2	0	14	13
Receptor_154	Offsite Worker	372055	757309	2	2	0	14	13
Receptor_155	Residential	372055	757363	2	2	0	14	13
Receptor_156	Offsite Worker	372055	757416	2	2	0	14	13
Receptor_157	Offsite Worker	371952	757442	3	2	-1	14	13
Receptor_158	Offsite Worker	371950	757345	3	2	-1	13	13
Receptor_159	Offsite Worker	371864	757344	4	2	-2	12	12
Receptor_16	Recreational	366800	756720	0	0	0	14	14
Receptor_160	Offsite Worker	371790	757347	4	2	-2	12	12
Receptor_161	Offsite Worker	371708	757356	4	2	-1	13	12
Receptor_162	Offsite Worker	371615	757356	3	3	-1	14	13
Receptor_163	Offsite Worker	371523	757356	3	3	-1	14	13
Receptor_164	Offsite Worker	371430	757356	3	3	-1	14	13
Receptor_165	Offsite Worker	371338	757356	4	3	-1	13	13
Receptor_166	Offsite Worker	371245	757356	4	3	-1	13	13
Receptor_167	Offsite Worker	371153	757356	4	3	-1	13	13
Receptor_168	Offsite Worker	371061	757356	5	4	-1	13	13
Receptor_169	Offsite Worker	371005	757357	5	4	-1	13	13
Receptor_17	Recreational	366762	756809	0	0	0	14	14
Receptor_170	Offsite Worker	370998	757293	6	4	-1	13	12
Receptor_171	Offsite Worker	370998	757194	6	5	-2	13	12
Receptor_172	Offsite Worker	370998	757096	7	5	-2	12	12
Receptor_173	Offsite Worker	370998	756998	8	6	-2	12	11
Receptor_174	Offsite Worker	371057	756997	7	5	-2	12	12
Receptor_175	Offsite Worker	371153	756997	6	4	-1	13	12
Receptor_176	Offsite Worker	371249	756997	7	5	-2	13	12
Receptor_177	Offsite Worker	371345	756997	5	4	-1	13	13
Receptor_178	Offsite Worker	371440	756997	3	3	-1	14	13
Receptor_179	Offsite Worker	371536	756997	3	2	-1	14	13
Receptor_18	Recreational	366723	756897	0	0	0	14	14
Receptor_180	Offsite Worker	371632	756997	3	2	0	14	13
Receptor_181	Offsite Worker	371728	756997	2	2	0	14	13

Table 60								
LAX SPAS								VisW Flight Rule
Operational Concentrations								PM2.5, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_182	Offsite Worker	371824	756997	2	2	0	14	13
Receptor_183	Offsite Worker	371920	756997	2	2	0	14	13
Receptor_184	Offsite Worker	372016	756997	2	2	0	14	14
Receptor_185	Offsite Worker	372111	756997	2	2	0	14	14
Receptor_186	Offsite Worker	372207	756997	2	2	0	14	14
Receptor_187	Offsite Worker	372303	756997	2	2	0	14	14
Receptor_188	Offsite Worker	372399	756997	2	2	0	14	14
Receptor_189	Offsite Worker	372495	756997	2	2	0	14	14
Receptor_19	Recreational	366685	756985	0	0	0	14	14
Receptor_190	Offsite Worker	372591	756997	2	2	0	14	14
Receptor_191	Offsite Worker	372610	757063	1	2	0	14	14
Receptor_192	Offsite Worker	372612	757132	1	2	0	15	14
Receptor_193	Offsite Worker	372614	757201	1	2	0	14	14
Receptor_194	Offsite Worker	372616	757270	1	1	0	14	14
Receptor_195	Offsite Worker	372627	757351	1	1	0	14	14
Receptor_196	Offsite Worker	372651	757422	1	1	0	14	14
Receptor_197	Offsite Worker	372676	757494	1	1	0	14	14
Receptor_198	Offsite Worker	372704	757569	1	1	0	14	14
Receptor_199	Offsite Worker	372733	757645	1	1	0	14	14
Receptor_2	Recreational	367340	755485	1	1	0	14	14
Receptor_20	Recreational	366646	757074	0	0	0	14	14
Receptor_200	Offsite Worker	372746	757702	1	1	0	14	14
Receptor_201	Offsite Worker	372746	757768	1	1	0	14	13
Receptor_202	Offsite Worker	372807	757781	1	1	0	14	14
Receptor_203	Offsite Worker	372901	757782	1	1	0	14	14
Receptor_204	Offsite Worker	372994	757783	1	1	0	15	14
Receptor_205	Offsite Worker	373087	757783	1	1	0	15	14
Receptor_206	Offsite Worker	373180	757784	1	1	0	15	14
Receptor_207	Offsite Worker	373274	757785	1	1	0	15	14
Receptor_208	Offsite Worker	373367	757786	1	1	0	15	14
Receptor_209	Offsite Worker	373418	757742	1	1	0	15	14
Receptor_21	Recreational	366607	757162	0	0	0	14	14
Receptor_210	Offsite Worker	373418	757653	1	1	0	15	14
Receptor_211	Offsite Worker	373419	757564	1	1	0	15	14
Receptor_212	Offsite Worker	373419	757475	1	1	0	15	14
Receptor_213	Offsite Worker	373420	757386	1	1	0	15	14
Receptor_214	Offsite Worker	373420	757297	1	1	0	14	14
Receptor_215	Offsite Worker	373421	757207	1	1	0	14	14
Receptor_216	Offsite Worker	373421	757118	1	1	0	14	14
Receptor_217	Offsite Worker	373292	757117	1	1	0	14	14
Receptor_218	Offsite Worker	373213	757118	1	1	0	14	14
Receptor_219	Offsite Worker	373158	757066	1	1	0	14	14
Receptor_22	Recreational	366569	757250	0	0	0	14	14
Receptor_220	Offsite Worker	373084	757026	1	1	0	14	14
Receptor_221	Offsite Worker	373009	757011	1	1	0	14	13
Receptor_222	Offsite Worker	372922	757009	2	1	0	14	13

Table 60												VisW Flight Rule	
LAX SPAS												PM2.5, Annual Averaging Time	
Operational Concentrations													
11/14/2012	Staff-Recommended Alternative (SRA)												
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)		Total Concentration (CAAQS) (µg/m ³)		Total Concentration (NAAQS) (µg/m ³)			
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA	SRA	SRA			
Receptor_223	Offsite Worker	372835	757007	1	1	0	0	14	14				
Receptor_224	Offsite Worker	372747	757006	1	2	0	0	14	14				
Receptor_225	Offsite Worker	372660	757004	1	2	0	0	14	14				
Receptor_226	Offsite Worker	372651	757063	1	2	0	0	15	14				
Receptor_227	Offsite Worker	372629	756931	2	2	0	0	14	14				
Receptor_228	Offsite Worker	372631	756857	2	2	0	0	14	14				
Receptor_229	Offsite Worker	372634	756783	2	2	0	0	14	14				
Receptor_23	Recreational	366530	757338	0	0	0	0	14	14				
Receptor_230	Offsite Worker	372702	756778	2	2	0	0	14	14				
Receptor_231	Offsite Worker	372756	756775	2	2	0	0	14	14				
Receptor_232	Offsite Worker	372729	756712	2	2	0	0	14	14				
Receptor_233	Offsite Worker	372703	756650	2	2	0	0	14	14				
Receptor_234	Offsite Worker	372677	756588	2	2	0	0	15	14				
Receptor_235	Offsite Worker	372619	756588	2	2	0	0	15	14				
Receptor_236	Offsite Worker	372622	756509	2	3	1	0	15	14				
Receptor_237	Offsite Worker	372700	756511	2	2	0	0	15	14				
Receptor_238	Offsite Worker	372789	756510	2	2	0	0	14	14				
Receptor_239	Offsite Worker	372871	756509	1	1	0	0	14	14				
Receptor_24	Recreational	366492	757427	0	0	0	0	14	14				
Receptor_240	Offsite Worker	372871	756437	1	1	0	0	14	14				
Receptor_241	Offsite Worker	372970	756437	1	1	0	0	14	14				
Receptor_242	Offsite Worker	373069	756437	1	1	0	0	14	14				
Receptor_243	Offsite Worker	373168	756437	1	1	0	0	14	13				
Receptor_244	Offsite Worker	373267	756437	1	1	0	0	14	13				
Receptor_245	Offsite Worker	373412	756437	1	1	0	0	14	13				
Receptor_246	Offsite Worker	373409	756339	1	1	0	0	14	13				
Receptor_247	Offsite Worker	373406	756240	1	1	0	0	14	13				
Receptor_248	Offsite Worker	373403	756142	1	0	-1	0	14	13				
Receptor_249	Offsite Worker	373400	756042	1	0	-1	0	14	13				
Receptor_25	Recreational	366453	757515	0	0	0	0	14	14				
Receptor_250	Offsite Worker	373397	755944	1	0	0	0	14	13				
Receptor_251	Offsite Worker	373393	755846	0	0	0	0	14	13				
Receptor_252	Offsite Worker	373390	755747	0	0	0	0	14	13				
Receptor_253	Offsite Worker	373309	755744	0	0	0	0	14	13				
Receptor_254	Offsite Worker	373229	755743	1	0	0	0	14	13				
Receptor_255	Offsite Worker	373143	755741	1	0	0	0	14	13				
Receptor_256	Offsite Worker	373143	755823	1	0	0	0	14	13				
Receptor_257	Offsite Worker	373143	755906	1	0	-1	0	13	13				
Receptor_258	Offsite Worker	373065	755906	2	0	-1	0	13	12				
Receptor_259	Offsite Worker	373065	755827	1	0	-1	0	13	13				
Receptor_26	Recreational	366415	757603	0	0	0	0	14	14				
Receptor_260	Offsite Worker	373068	755733	1	0	0	0	14	13				
Receptor_261	Offsite Worker	373007	755733	1	0	0	0	14	13				
Receptor_262	Offsite Worker	372941	755733	1	0	-1	0	14	13				
Receptor_263	Offsite Worker	372941	755636	1	0	0	0	14	13				
Receptor_264	Offsite Worker	372941	755539	0	0	0	0	14	13				

Table 60								
LAX SPAS								VisW Flight Rule
Operational Concentrations								PM2.5, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_265	Offsite Worker	372941	755442	0	0	0	14	13
Receptor_266	Offsite Worker	372913	755342	0	0	0	14	14
Receptor_267	Offsite Worker	372817	755346	0	0	0	14	14
Receptor_268	Offsite Worker	372720	755349	0	0	0	14	13
Receptor_269	Offsite Worker	372624	755352	0	0	0	14	13
Receptor_27	Recreational	366376	757692	0	0	0	14	14
Receptor_270	Offsite Worker	372527	755349	1	0	0	14	13
Receptor_271	Offsite Worker	372431	755353	1	0	0	14	13
Receptor_272	Offsite Worker	372334	755356	1	1	0	14	13
Receptor_273	Offsite Worker	372237	755359	1	1	0	14	13
Receptor_274	Offsite Worker	372141	755362	1	1	0	14	13
Receptor_275	Offsite Worker	372044	755366	1	1	0	14	13
Receptor_276	Offsite Worker	371948	755369	1	1	0	14	13
Receptor_277	Offsite Worker	371851	755372	1	1	0	14	13
Receptor_278	Offsite Worker	371755	755375	1	1	0	14	13
Receptor_279	Offsite Worker	371658	755378	1	1	0	14	13
Receptor_28	Residential	366338	757780	0	0	0	14	14
Receptor_280	Offsite Worker	371562	755382	1	1	0	14	13
Receptor_281	Offsite Worker	371465	755385	1	1	0	14	13
Receptor_282	Offsite Worker	371368	755388	1	1	0	14	13
Receptor_283	Offsite Worker	371272	755391	1	1	0	14	13
Receptor_284	Offsite Worker	371175	755395	1	1	0	14	13
Receptor_285	Offsite Worker	371079	755398	1	1	0	14	13
Receptor_286	Offsite Worker	371042	755478	1	1	0	14	13
Receptor_287	Offsite Worker	371009	755538	1	1	0	14	13
Receptor_288	Offsite Worker	370975	755597	1	1	0	14	13
Receptor_289	Offsite Worker	370925	755597	1	1	0	14	13
Receptor_29	Residential	366402	757746	0	0	0	14	14
Receptor_290	Offsite Worker	370860	755547	1	1	0	14	14
Receptor_291	Offsite Worker	370796	755497	1	1	0	14	14
Receptor_292	Offsite Worker	370733	755428	1	1	0	14	14
Receptor_293	Offsite Worker	370634	755428	1	1	0	14	14
Receptor_294	Offsite Worker	370536	755428	1	1	0	14	14
Receptor_295	Offsite Worker	370437	755428	1	1	0	14	14
Receptor_296	Offsite Worker	370338	755427	2	2	0	14	14
Receptor_297	Residential	370239	755427	2	2	0	14	14
Receptor_298	Residential	370138	755427	2	2	0	14	14
Receptor_299	Residential	370040	755427	2	2	0	14	14
Receptor_3	Recreational	367301	755573	1	1	0	14	14
Receptor_30	Residential	366467	757713	0	0	0	14	14
Receptor_300	Residential	369941	755426	1	1	0	14	14
Receptor_301	Residential	369842	755426	1	1	0	14	13
Receptor_302	School	369741	755435	2	1	0	14	13
Receptor_303	School	369643	755434	1	1	0	14	13
Receptor_304	Residential	369544	755434	1	1	0	14	13
Receptor_305	Residential	369445	755434	1	1	0	14	13

Table 60								
LAX SPAS								VisW Flight Rule
Operational Concentrations								PM2.5, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_306	Residential	369346	755434	1	1	0	14	13
Receptor_307	Offsite Worker	369249	755442	1	1	0	14	13
Receptor_308	Offsite Worker	369151	755442	1	1	0	14	13
Receptor_309	Offsite Worker	369052	755442	1	1	0	14	13
Receptor_31	Residential	366531	757679	0	0	0	14	14
Receptor_310	Residential	368953	755441	1	1	0	14	13
Receptor_311	Residential	368854	755441	1	1	0	14	14
Receptor_312	Residential	368755	755441	1	1	0	14	14
Receptor_313	Residential	368657	755441	1	1	0	14	14
Receptor_314	Residential	368558	755440	1	1	0	14	14
Receptor_315	Residential	368459	755440	1	1	0	14	14
Receptor_316	Residential	368360	755440	1	1	0	14	14
Receptor_317	Residential	368262	755439	1	1	0	14	14
Receptor_318	Residential	368186	755427	1	1	0	14	14
Receptor_319	Residential	368111	755414	1	1	0	14	14
Receptor_32	Residential	366567	757773	0	0	0	14	14
Receptor_320	Offsite Worker	368035	755402	1	1	0	14	14
Receptor_321	Offsite Worker	367960	755389	1	1	0	14	14
Receptor_322	Offsite Worker	367863	755390	1	1	0	14	14
Receptor_323	Offsite Worker	367766	755392	1	1	0	14	14
Receptor_324	Offsite Worker	367669	755393	1	1	0	14	14
Receptor_325	Offsite Worker	367572	755394	1	1	0	14	14
Receptor_326	Offsite Worker	367475	755395	1	1	0	14	14
Receptor_327	On-Site Occupational	370400	756850	15	9	-5	9	8
Receptor_33	Residential	366625	757758	0	0	0	14	14
Receptor_34	Residential	366682	757744	0	0	0	14	14
Receptor_35	Residential	366768	757788	0	0	0	14	14
Receptor_36	Residential	366854	757833	0	0	0	14	14
Receptor_37	Residential	366941	757877	0	0	0	14	14
Receptor_38	Residential	367027	757922	0	0	0	14	14
Receptor_39	Residential	367113	757966	0	0	0	14	14
Receptor_4	Recreational	367263	755661	1	1	0	14	14
Receptor_40	Residential	367192	757916	0	0	0	14	14
Receptor_41	Residential	367264	757916	0	0	0	14	14
Receptor_42	Residential	367335	757916	0	0	0	14	14
Receptor_43	Residential	367343	757966	0	0	0	14	14
Receptor_44	Residential	367404	757995	0	0	0	14	14
Receptor_45	Residential	367465	758024	0	0	0	14	14
Receptor_46	School	367504	757948	0	0	0	14	14
Receptor_47	School	367544	757873	0	0	0	14	14
Receptor_48	School	367587	757909	0	0	0	14	14
Receptor_49	School	367623	757866	0	0	0	14	14
Receptor_5	Recreational	367224	755749	1	0	0	14	14
Receptor_50	School	367694	757866	0	0	0	14	14
Receptor_51	School	367716	757927	0	0	0	14	14
Receptor_52	School	367737	757988	0	0	0	14	14

Table 60								VisW Flight Rule
LAX SPAS								PM2.5, Annual Averaging Time
Operational Concentrations								PM2.5, Annual Averaging Time
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m ³)		Project Concentration (µg/m ³)	Total Concentration (CAAQS) (µg/m ³)	Total Concentration (NAAQS) (µg/m ³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_53	School	367727	758067	0	0	0	14	14
Receptor_54	School	367716	758146	0	0	0	14	14
Receptor_55	Residential	367673	758189	0	0	0	14	14
Receptor_56	School	367723	758254	0	0	0	14	14
Receptor_57	School	367784	758221	0	0	0	14	14
Receptor_58	School	367845	758189	0	0	0	14	14
Receptor_59	Residential	367816	758096	0	0	0	14	14
Receptor_6	Recreational	367186	755838	0	0	0	14	14
Receptor_60	Residential	367898	758066	0	0	0	14	14
Receptor_61	Residential	367980	758035	0	0	0	14	14
Receptor_62	Residential	368062	758005	0	0	0	14	14
Receptor_63	Residential	368144	757975	0	0	0	14	14
Receptor_64	Residential	368226	757945	0	0	0	14	14
Receptor_65	Residential	368301	757943	0	0	0	14	14
Receptor_66	Residential	368376	757941	0	0	0	14	14
Receptor_67	Residential	368452	757940	0	0	0	14	14
Receptor_68	Residential	368527	757938	0	0	0	14	14
Receptor_69	Residential	368563	757880	0	0	0	14	14
Receptor_7	Recreational	367147	755926	0	0	0	14	14
Receptor_70	Residential	368636	757926	0	0	0	14	14
Receptor_71	Residential	368709	757971	0	0	0	14	14
Receptor_72	Residential	368782	758017	0	0	0	14	14
Receptor_73	Residential	368855	758062	0	0	0	14	14
Receptor_74	Residential	368928	758108	0	0	0	14	14
Receptor_75	Residential	369001	758153	0	1	0	14	14
Receptor_76	Residential	369058	758074	0	1	0	14	14
Receptor_77	Residential	369102	758103	0	1	0	14	14
Receptor_78	Residential	369145	758132	0	1	0	14	14
Receptor_79	Residential	369200	758065	1	1	0	14	14
Receptor_8	Recreational	367109	756014	0	0	0	14	14
Receptor_80	Residential	369255	757998	1	1	0	14	14
Receptor_81	Residential	369310	757931	1	1	0	14	14
Receptor_82	Residential	369356	757981	1	1	0	14	14
Receptor_83	Residential	369403	758031	1	1	0	14	14
Receptor_84	Recreational	369336	758100	1	1	0	14	14
Receptor_85	Recreational	369269	758170	1	1	0	14	14
Receptor_86	Recreational	369202	758239	0	1	0	14	14
Receptor_87	Recreational	369264	758285	0	1	0	14	14
Receptor_88	Recreational	369326	758330	0	1	0	14	14
Receptor_89	Recreational	369389	758376	0	1	0	14	14
Receptor_9	Recreational	367070	756103	0	0	0	14	14
Receptor_90	Recreational	369389	758462	0	1	0	14	14
Receptor_91	Recreational	369389	758548	0	0	0	14	14
Receptor_92	Residential	369389	758634	0	0	0	14	14
Receptor_93	Residential	369469	758630	0	0	0	14	14
Receptor_94	Residential	369549	758625	0	1	0	14	14

Table 60								
LAX SPAS							VisW Flight Rule	
Operational Concentrations							PM2.5, Annual Averaging Time	
11/14/2012	Staff-Recommended Alternative (SRA)							
		Meters		Average Concentration (µg/m³)		Project Concentration (µg/m³)	Total Concentration (CAAQS) (µg/m³)	Total Concentration (NAAQS) (µg/m³)
Receptor ID	Type	X	Y	Baseline	SRA	SRA	SRA	SRA
Receptor_95	Residential	369630	758621	0	1	0	14	14
Receptor_96	Residential	369710	758617	0	1	0	14	14
Receptor_97	Residential	369791	758613	1	1	0	14	14
Receptor_98	Residential	369791	758514	1	1	0	14	14
Receptor_99	Residential	369791	758416	1	1	0	14	14

Table 61													VisW Flight Rule		
LAX SPAS													PM2.5, Annual Averaging Time		
Operational Concentrations													PM2.5, Annual Averaging Time		
11/14/2012													Staff-Recommended Alternative (SRA)		
Peak Values				Peak Incremental Values				Total Concentration (CAAQS)				Total Concentration (NAAQS)			
Type	Annual PM2.5	Location		Type	Annual PM2.5	Location		Type	Annual PM2.5	Location		Type	Annual PM2.5	Location	
	(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)		(µg/m ³)	X (m)	Y (m)
Baseline				Staff-Recommended Alternative				Staff-Recommended Alternative				Staff-Recommended Alternative			
Residential	2.97	371894	758081	Residential	0.30	371481	758178	Residential	14.50	371481	758178	Residential	13.90	371481	758178
School	1.52	369741	755435	School	0.05	370250	758189	School	14.25	370250	758189	School	13.65	370250	758189
Offsite Worker	8.17	370998	756998	Offsite Worker	0.56	372622	756509	Offsite Worker	14.76	372622	756509	Offsite Worker	14.16	372622	756509
Recreational	0.57	367379	755396	Recreational	0.16	369336	758100	Recreational	14.36	369336	758100	Recreational	13.76	369336	758100
On-Site Occupational	14.77	370400	756850	On-Site Occupational	-5.45	370400	756850	On-Site Occupational	8.75	370400	756850	On-Site Occupational	8.15	370400	756850
Staff-Recommended Alternative															
Residential	2.02	371248	758024												
School	1.28	369741	755435												
Offsite Worker	5.88	370998	756998												
Recreational	0.73	369336	758100												
On-Site Occupational	9.32	370400	756850												
Notes:															
Average concentration is modeled output from AERMOD, version 12060.															
Project concentration is difference between given alternative and baseline (project increment).															
Total concentration is project concentration plus monitored background concentration.															
24-hour PM2.5 standard only applicable to NAAQS primary standard.															

Table 62															
Air Monitoring Data vs California State Standards															
Year	Station	O3 1st High (ppm)		NO2 1st High (ppm)		CO 1st High (ppm)		PM10 1st High (ug/m3)		PM2.5 1st High (ug/m3)		SO2 1st High (ppm)			
		1-hr	8-hr	1-hr	Ann Ave	1-hr	8-hr	24-hr	Ann Ave	24-hr	Ann Ave	1-hr	24-hr		
2010	LA Westchester	0.089	0.07	0.076	0.012	3	2.19	37	na	na	na	0.025	0.004		
2009	LA Westchester	0.077	0.07	0.077	na	2.0	1.99	52	25.5	63.0	13.0	0.022	0.006		
2008	LA Westchester	0.086	0.076	0.094	0.014	4.0	2.53	50	25.5	60.9	14.2	0.021	0.004		
CAAQs		0.09	0.07	0.180	0.030	20.0	9.00	50	20.0		12.0	0.250	0.040		
Design Value				0.094	0.014	4.0	2.53	52	25.5	N/A	14.2	0.025	0.006		
Air Monitoring Data vs Federal Standards															
Year	Station	1-hr O3 Revoked	O3 4th High (ppm)	NO2 8th High (ppm)	NO2 Annual (ppm)	CO 2nd High (ppm)		PM10 2nd High (ug/m3)	PM10 Annual (ug/m3)	PM2.5 8th High (ug/m3)	PM2.5 Annual (ug/m3)	SO2 4th High (ppm)	SO2 2nd High (ppm)	SO2 2nd High (ppm)	SO2 Annual (ppm)
		1-hr	8-hr	1-hr	Ann Ave	1-hr	8-hr	24-hr	Ann Ave	24-hr	Ann Ave	1-hr	3-hr	24-hr	Ann Ave
2010	LA Westchester	na	0.059	0.06	0.012	3.0	2.15	36.0	20.6	na	na	0.015	*	0.002	0
2009	LA Westchester	na	0.061	0.065	na	2.0	1.89	46.0	25.6	34.2	13	0.012	*	0.006	*
2008	LA Westchester	na	0.065	0.074	0.014	4.0	1.99	49.0	25.6	38.9	14.2	0.015	0.004	0.004	0.001
Average			0.062	0.066				43.7		36.6	13.6	0.014			
NAAQs			0.075	0.100	0.053	35	9.00	150.0	na	35.0	15.0	0.075	0.500	0.140	0.030
Design Value				0.066	0.014	4	2	44	N/A	36.6	13.6	0.014	0.004	0.006	0.001
Notes:															
Data summarized in table is based on the Design Value for each pollutant.															
Ozone NAAQS is attained when the fourth highest eight hour concentration in a year, averaged over three years, is equal to or less than the NAAQS; therefore, 4th high summarized and averaged over 3 years.															
CO NAAQS is not to be exceeded more than once a year; therefore, 2nd high from monitoring data used for background concentration (based on design value).															
For PM10 NAAQS, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration over 150 ug/m3 is equal to or less than one; therefore, 2nd high used for background concentration.															
Resources:															
Except for CO 1-hr, all data obtained from ARB website, http://www.arb.ca.gov/adam/index.html .															
CO 1-hr data are available on SCAQMD website, http://www.aqmd.gov/smog/historicaldata.htm .															
PM2.5 is not monitored at LA Westchester, so the monitoring data from the South Coast LA County 1 & 2 were used.															
SO2 3-hour data obtained from EPA Air Data for North Main Street (http://www.epa.gov/air/data)															
The New Federal Standards															
Year	Station	1-hr NO2 98th Percentile (ppm) [1]	1-hr NO2 98th Percentile (ppb)	1-hr SO2 99th Percentile (ppm) [2]	1-hr SO2 99th Percentile (ppb)										
2010	LA Westchester	0.06	60	0.015	15										
2009	LA Westchester	0.065	65	0.012	12										
2008	LA Westchester	0.074	74	0.015	15										
3-yr Average	LA Westchester	0.066	66	0.014	14										
NAAQs (ppb)			100		75										
[1] The 1hr NO2 98th percentile is equivalent to the 8th highest value.															
[2] The 1-hr SO2 99th percentile is equivalent to the 4th highest value.															
Design Values to Add to Modeled Concentrations															
$C_{ppm} = C_{ug/m3} \times 0.02445/MW$															
Pollutant	Molecular Weight (g/mol)	Averaging Period	CAAQS ug/m3	NAAQs ug/m3											
CO	28	1-Hour	4,581	4,581											
CO	28	8-Hour	2,897	2,462											
NO2	46	1-Hour	177	125											
NO2	46	Annual	26	26											
SO2	64	1-Hour	65	37											
SO2	64	3-Hour	N/A	10											
SO2	64	24-Hour	16	16											
SO2	64	Annual	N/A	3											

Attachment 1B
Greenhouse Gas Emissions Data for the
LAWA Staff-Recommended Alternative

Table 1
LAX SPAS
CalEEMod Usage Estimates

Source	Baseline	Staff-Recommended Alternative
<u>Airfield/Terminal Components</u>		
Natural Gas (kBTU)	1,229,100	2,271,540
Electricity (kWh)	13,773,200	25,454,600
Indoor Water (Mgal)	54	99
Outdoor Water (Mgal)	33	61
Waste Disposed (tons)	759	1,403
<u>Ground Access Components</u>		
Natural Gas (kBTU)	n/a	272,000
Electricity (kWh)	n/a	3,048,000
Indoor Water (Mgal)	n/a	12
Outdoor Water (Mgal)	n/a	7
Waste Disposed (tons)	n/a	168
<u>Total</u>		
Natural Gas (kBTU)	1,229,100	2,543,540
Electricity (kWh)	13,773,200	28,502,600
Indoor Water (Mgal)	53.55	111
Outdoor Water (Mgal)	32.82	68
Waste Disposed (tons)	759.15	1,571

Table 2**LAX SPAS****1/15/2013****Energy Emissions****Staff-Recommended Alternative**

Unmitigated Operational Emissions - Energy (MT/year)						
Category	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<u>Airfield/Terminal Components</u>						
Electricity	0.00	14,299.97	14,299.97	0.33	0.13	14,346.38
Natural Gas	0.00	121.22	121.22	0.00	0.00	121.96
Energy Subtotal	0.00	14,421.19	14,421.19	0.33	0.13	14,468.34
Waste	284.80	0.00	284.80	16.83	0.00	638.25
Water	0.00	1,103.74	1,103.74	3.05	0.08	1,193.98
Total	284.80	15,524.93	15,809.73	20.21	0.21	16,300.57
<u>Ground Access Components</u>						
Electricity	0.00	1,712.32	1,712.32	0.04	0.02	1,717.87
Natural Gas	0.00	14.51	14.51	0.00	0.00	14.60
Energy Subtotal	0.00	1,726.83	1,726.83	0.04	0.02	1,732.47
Waste	34.10	0.00	34.10	2.02	0.00	76.43
Water	0.00	132.16	132.16	0.36	0.01	142.97
Total	34.10	1,858.99	1,893.09	2.42	0.03	1,951.87
<u>Grand Total</u>						
Electricity	0.00	16,012.29	16,012.29	0.37	0.15	16,064.25
Natural Gas	0.00	135.73	135.73	0.00	0.00	136.56
Energy Subtotal	0.00	16,148.02	16,148.02	0.37	0.15	16,200.81
Waste	318.90	0.00	318.90	18.85	0.00	714.68
Water	0.00	1,235.90	1,235.90	3.41	0.09	1,336.95
Total	318.90	17,383.92	17,702.82	22.63	0.24	18,252.44

Table 3
LAX SPAS
Staff-Recommended Alternative

1/15/2013
 Mixing Height = 1806 ft

Scenario	Total Operational Emissions, metric tons per year			CO2e	Increment MTCO2e/yr
	CO2	CH4	N2O		
Aircraft	943,602	151	31	956,437	322,013
Ground Support Equipment	78,131	5	2	78,838	18,287
Auxiliary Power Units	59,915	2	2	60,540	16,160
Parking Facilities	95,126	56	8	98,799	-9,985
On-Airport Roadways	41,674	24	4	43,283	-5,582
On-Airport Stationary	143	0	0	143	77
On-Airport Subtotal	1,218,591	237	47	1,238,040	340,970
Building Electricity	16,815	0	0	16,870	9,107
Solid Waste Disposal	335	20	0	751	405
Indoor/Outdoor Water Usage	1,298	4	0	1,404	758
Off-Airport Roadways	1,388,729	934	242	1,483,338	78,560
Off-Airport Subtotal	1,407,176	958	242	1,502,362	88,830
Grand Total	2,625,767	1,195	289	2,740,402	429,800
GWP	1	21	310		

1 short ton = 0.9072 metric tons

Note:

CH4 and N2O emissions from aircraft, parking facilities, and roadways estimated from results of LAWA GHG Emissions Inventory (CDM 2008).

Attachment 1C
Human Health Risk Assessment Data for
the LAWA Staff-Recommended Alternative

Attachment 1C

Attachment 1C-1 Cancer Risk and Chronic Non-cancer Health Hazard Calculations (RAGS F)

Attachment 1C-2 Acute Non-cancer Health Hazard Calculations

Attachment 1C-3 Cancer Risk and Chronic Non-cancer Hazard Calculations for
Adjusted Construction Emissions (RAGS F)

Attachment 1C-4 Cancer Risk and Chronic Non-cancer Hazard Calculations (RAGS A)

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Attachment 1C-1
Cancer Risk and Chronic Non-cancer
Health Hazard Calculations (RAGS Part F)

Table 1C-1.1
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
(Based on Peak Location of Residential Cancer Risks¹)

Exposure Parameters	Residential Child	School Child	Residential Adult	RAGS F Equations										
	24 (hrs/day)	8 (hrs/day)	24 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)										
Exposure Frequency (EF)	350 (days/year)	200 (days/year)	350 (days/year)	Risk = IUR x EC										
Exposure Duration (ED)	6 (years)	6 (years)	70 (years)	HQ = EC / REL										
Averaging Time (non-carcinogenic) (ATnc)	52560 (hrs)	52560 (hrs)	613200 (hrs)	Where: HQ = Hazard Quotient					EC = Exposure Concentration					
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	613200 (hrs)	613200 (hrs)	IUR = Inhalation Unit Risk					AT = Averaging Time (for cancer or non-cancer)					
				REL = Reference Exposure Level										
Toxic Air Contaminant (TAC)	Toxicity Criteria				Cancer Risks				Hazard Quotients					
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient 30-year Resident	Hazard Quotient 70-year Resident	
Acetaldehyde	1.87E-02	2.20E-06	2.70E-06	9.00E+00	1.40E+02	4.14E-09	7.88E-10	2.07E-08	4.83E-08	1.28E-04	2.43E-05	1.28E-04	1.28E-04	
Acrolein	1.07E-02	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	2.94E-02	5.60E-03	2.94E-02	2.94E-02	
Benzene	4.32E-03	7.80E-06	2.90E-05	3.00E+01	6.00E+01	1.03E-08	1.96E-09	5.15E-08	1.20E-07	6.91E-05	1.32E-05	6.91E-05	6.91E-05	
1,3-Butadiene	6.80E-03	3.00E-05	1.70E-04	2.00E+00	2.00E+01	9.50E-08	1.81E-08	4.75E-07	1.11E-06	3.26E-04	6.21E-05	3.26E-04	3.26E-04	
Ethylbenzene	-5.22E-04	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-1.07E-10	-2.04E-11	-5.36E-10	-1.25E-09	-2.50E-07	-4.76E-08	-2.50E-07	-2.50E-07	
Formaldehyde	5.29E-02	1.30E-05	6.00E-06	9.80E+00	9.00E+00	2.61E-08	4.97E-09	1.30E-07	3.04E-07	5.63E-03	1.07E-03	5.63E-03	5.63E-03	
Methyl alcohol	7.88E-03	NA	NA	4.00E+03	4.00E+03	NC	NC	NC	NC	1.89E-06	3.60E-07	1.89E-06	1.89E-06	
Methyl ethyl ketone	-2.53E-05	NA	NA	5.00E+03	NA	NC	NC	NC	NC	-4.85E-09	-9.24E-10	-4.85E-09	-4.85E-09	
Naphthalene	2.35E-03	3.40E-05	3.40E-05	3.00E+00	9.00E+00	6.55E-09	1.25E-09	3.28E-08	7.65E-08	2.50E-04	4.76E-05	2.50E-04	2.50E-04	
Hexane, n-	-1.84E-03	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	-2.52E-07	-4.80E-08	-2.52E-07	-2.52E-07	
Phenol	3.23E-03	NA	NA	2.00E+02	2.00E+02	NC	NC	NC	NC	1.55E-05	2.95E-06	1.55E-05	1.55E-05	
Propylene	1.65E-02	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	5.28E-06	1.01E-06	5.28E-06	5.28E-06	
Styrene	1.22E-03	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	1.30E-06	2.48E-07	1.30E-06	1.30E-06	
Toluene	-4.12E-03	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	-1.32E-05	-2.51E-06	-1.32E-05	-1.32E-05	
Xylene (total)	-3.90E-03	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	-5.35E-06	-1.02E-06	-5.35E-06	-5.35E-06	
Chlorine	-1.82E-05	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	-8.71E-05	-1.66E-05	-8.71E-05	-8.71E-05	
Chromium (VI)	2.64E-07	1.20E-02	1.50E-01	1.00E-01	2.00E-01	3.26E-09	6.20E-10	1.63E-08	3.80E-08	1.27E-06	2.41E-07	1.27E-06	1.27E-06	
Copper	9.11E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC	
Lead	2.29E-06	NA	1.20E-05	NA	NA	2.26E-12	4.30E-13	1.13E-11	2.63E-11	NC	NC	NC	NC	
Manganese	1.12E-06	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	1.19E-05	2.27E-06	1.19E-05	1.19E-05	
Nickel	-1.30E-07	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-2.77E-12	-5.28E-13	-1.39E-11	-3.24E-11	-2.49E-06	-4.74E-07	-2.49E-06	-2.49E-06	
Diesel PM	-3.48E-02	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-8.57E-07	-1.63E-07	-4.28E-06	-1.00E-05	-6.66E-03	-1.27E-03	-6.66E-03	-6.66E-03	
						TOTAL	-7.1E-07	-1.4E-07	-3.6E-06	-8.3E-06	0.029	0.006	0.029	0.029

¹ Residential Maximum Grid No.

28

NA = Not Available

ug/m³ = micrograms per cubic meter

NC = Not Calculated

RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-1.2
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
(Based on Peak Location of Residential Hazards¹)

Exposure Parameters	Residential Child	School Child	Residential Adult		RAGS F Equations								
	24 (hrs/day)	8 (hrs/day)	24 (hrs/day)	24 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)								
Exposure Frequency (EF)	350 (days/year)	200 (days/year)	350 (days/year)	350 (days/year)	Risk = IUR x EC								
Exposure Duration (ED)	6 (years)	6 (years)	70 (years)	70 (years)	HQ = EC / REL								
Averaging Time (non-carcinogenic) (ATnc)	52560 (hrs)	52560 (hrs)	613200 (hrs)	613200 (hrs)	Where: HQ = Hazard Quotient	EC = Exposure Concentration							
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	613200 (hrs)	613200 (hrs)	613200 (hrs)	IUR = Inhalation Unit Risk	AT = Averaging Time (for cancer or non-cancer)							
					REL = Reference Exposure Level								
Toxic Air Contaminant (TAC)	Toxicity Criteria				Cancer Risks			Hazard Quotients					
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfDi (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient 30-year Resident	Hazard Quotient 70-year Resident
Acetaldehyde	2.54E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	5.64E-08	1.08E-08	2.82E-07	6.58E-07	1.74E-03	3.32E-04	1.74E-03	1.74E-03
Acrolein	1.45E-01	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	3.98E-01	7.59E-02	3.98E-01	3.98E-01
Benzene	1.06E-01	7.80E-06	2.90E-05	3.00E+01	6.00E+01	2.54E-07	4.83E-08	1.27E-06	2.96E-06	1.70E-03	3.24E-04	1.70E-03	1.70E-03
1,3-Butadiene	1.02E-01	3.00E-05	1.70E-04	2.00E+00	2.00E+01	1.42E-06	2.71E-07	7.12E-06	1.66E-05	4.89E-03	9.31E-04	4.89E-03	4.89E-03
Ethylbenzene	1.16E-02	2.50E-06	2.50E-06	1.00E+03	2.00E+03	2.38E-09	4.53E-10	1.19E-08	2.78E-08	5.55E-06	1.06E-06	5.55E-06	5.55E-06
Formaldehyde	7.31E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	3.60E-07	6.86E-08	1.80E-06	4.20E-06	7.78E-02	1.48E-02	7.78E-02	7.78E-02
Methyl alcohol	1.08E-01	NA	NA	4.00E+03	4.00E+03	NC	NC	NC	NC	2.58E-05	4.91E-06	2.58E-05	2.58E-05
Methyl ethyl ketone	1.18E-04	NA	NA	5.00E+03	NA	NC	NC	NC	NC	2.27E-08	4.32E-09	2.27E-08	2.27E-08
Naphthalene	3.23E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	9.03E-08	1.72E-08	4.51E-07	1.05E-06	3.44E-03	6.55E-04	3.44E-03	3.44E-03
Hexane, n-	-2.89E-03	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	-3.96E-07	-7.55E-08	-3.96E-07	-3.96E-07
Phenol	4.33E-02	NA	NA	2.00E+02	2.00E+02	NC	NC	NC	NC	2.07E-04	3.95E-05	2.07E-04	2.07E-04
Propylene	2.68E-01	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	8.58E-05	1.63E-05	8.58E-05	8.58E-05
Styrene	1.86E-02	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	1.98E-05	3.77E-06	1.98E-05	1.98E-05
Toluene	4.00E-02	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	1.28E-04	2.44E-05	1.28E-04	1.28E-04
Xylene (total)	3.11E-02	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	4.25E-05	8.10E-06	4.25E-05	4.25E-05
Chlorine	-5.77E-05	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	-2.76E-04	-5.27E-05	-2.76E-04	-2.76E-04
Chromium (VI)	3.48E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	4.30E-08	8.18E-09	2.15E-07	5.01E-07	1.67E-05	3.18E-06	1.67E-05	1.67E-05
Copper	1.31E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Lead	2.97E-05	NA	1.20E-05	NA	NA	2.93E-11	5.57E-12	1.46E-10	3.41E-10	NC	NC	NC	NC
Manganese	1.58E-05	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	1.68E-04	3.20E-05	1.68E-04	1.68E-04
Nickel	-4.12E-07	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-8.80E-12	-1.68E-12	-4.40E-11	-1.03E-10	-7.90E-06	-1.50E-06	-7.90E-06	-7.90E-06
Diesel PM	-1.21E-01	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-2.99E-06	-5.69E-07	-1.49E-05	-3.48E-05	-2.32E-02	-4.42E-03	-2.32E-02	-2.32E-02
TOTAL						-7.6E-07	-1.4E-07	-3.8E-06	-8.8E-06	0.5	0.09	0.5	0.5

¹ Residential Maximum Grid No. 81
 NA = Not Available ug/m³ = micrograms per cubic meter
 NC = Not Calculated RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-1.3
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline -
Lifetime Exposure
(Based on Peak Location of Commercial Cancer Risks¹)

Exposure Parameters	Adult Worker		RAGS F Equations				
	Exposure Time (ET)	10 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)				
Exposure Frequency (EF)	245 (days/year)	Risk = IUR x EC					
Exposure Duration (ED)	40 (years)	HQ = EC / REL					
Averaging Time (non-carcinogenic) (ATnc)	350400 (hrs)	Where: HQ = Hazard Quotient					
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	IUR = Inhalation Unit Risk					
		REL = Reference Exposure Level					
		EC = Exposure Concentration					
		AT = Averaging Time (for cancer or non-cancer)					
Toxic Air Contaminant (TAC)	Toxicity Criteria				Cancer Risks	Hazard Quotients	
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Adult Worker	Hazard Quotient Worker
Acetaldehyde	1.93E-02	2.20E-06	2.70E-06	9.00E+00	1.40E+02	8.35E-09	3.87E-05
Acrolein	1.16E-02	NA	NA	2.00E-02	3.50E-01	NC	9.24E-03
Benzene	-1.02E-02	7.80E-06	2.90E-05	3.00E+01	6.00E+01	-4.73E-08	-4.76E-05
1,3-Butadiene	4.13E-03	3.00E-05	1.70E-04	2.00E+00	2.00E+01	1.12E-07	5.77E-05
Ethylbenzene	-5.83E-03	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-2.33E-09	-8.15E-07
Formaldehyde	5.33E-02	1.30E-05	6.00E-06	9.80E+00	9.00E+00	5.11E-08	1.65E-03
Methyl alcohol	8.12E-03	NA	NA	4.00E+03	4.00E+03	NC	5.68E-07
Methyl ethyl ketone	-1.91E-04	NA	NA	5.00E+03	NA	NC	-1.07E-08
Naphthalene	2.32E-03	3.40E-05	3.40E-05	3.00E+00	9.00E+00	1.26E-08	7.20E-05
Hexane, n-	-6.51E-03	NA	NA	7.00E+02	7.00E+03	NC	-2.60E-07
Phenol	3.52E-03	NA	NA	2.00E+02	2.00E+02	NC	4.92E-06
Propylene	6.55E-03	NA	NA	3.00E+03	3.00E+03	NC	6.10E-07
Styrene	7.15E-04	NA	NA	1.00E+03	9.00E+02	NC	2.22E-07
Toluene	-2.97E-02	NA	NA	5.00E+03	3.00E+02	NC	-2.77E-05
Xylene (total)	-2.75E-02	NA	NA	1.00E+02	7.00E+02	NC	-1.10E-05
Chlorine	-2.42E-04	NA	NA	1.50E-01	2.00E-01	NC	-3.38E-04
Chromium (VI)	6.50E-08	1.20E-02	1.50E-01	1.00E-01	2.00E-01	1.56E-09	9.10E-08
Copper	-1.14E-06	NA	NA	NA	NA	NC	NC
Lead	1.28E-06	NA	1.20E-05	NA	NA	2.46E-12	NC
Manganese	-1.03E-06	NA	NA	5.00E-02	9.00E-02	NC	-3.19E-06
Nickel	-1.73E-06	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-7.17E-11	-9.65E-06
Diesel PM	-1.03E-01	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-4.94E-06	-5.76E-03
					TOTAL	-4.8E-06	0.005

¹ Commercial Maximum Grid No.

266

Note that this is not the same as the Peak Location of Commercial Hazards, Grid No.

236

NA = Not Available
 NC = Not Calculated

ug/m³ = micrograms per cubic meter
 RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-1.4
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline -
Lifetime Exposure
(Based on Peak Location of Commercial Hazards¹)

Exposure Parameters	Adult Worker		RAGS F Equations				
	Exposure Time (ET)	10 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)				
Exposure Frequency (EF)	245 (days/year)	Risk = IUR x EC					
Exposure Duration (ED)	40 (years)	HQ = EC / REL					
Averaging Time (non-carcinogenic) (ATnc)	350400 (hrs)	Where:			HQ = Hazard Quotient	EC = Exposure Concentration	
Averaging Time (carcinogenic) (ATc)	613200 (hrs)				IUR = Inhalation Unit Risk	AT = Averaging Time (for cancer or non-cancer)	
					REL = Reference Exposure Level		
Toxic Air Contaminant (TAC)	Toxicity Criteria				CalEPA Proposed REL (ug/m ³)	Cancer Risks Cancer Risk to Adult Worker	Hazard Quotients Hazard Quotient Adult Worker
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)			
Acetaldehyde	2.59E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	1.12E-07	5.17E-04
Acrolein	1.50E-01	NA	NA	2.00E-02	3.50E-01	NC	1.20E-01
Benzene	5.06E-02	7.80E-06	2.90E-05	3.00E+01	6.00E+01	2.35E-07	2.36E-04
1,3-Butadiene	9.20E-02	3.00E-05	1.70E-04	2.00E+00	2.00E+01	2.50E-06	1.29E-03
Ethylbenzene	-8.31E-03	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-3.32E-09	-1.16E-06
Formaldehyde	7.39E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	7.08E-07	2.30E-02
Methyl alcohol	1.09E-01	NA	NA	4.00E+03	4.00E+03	NC	7.63E-06
Methyl ethyl ketone	-5.56E-04	NA	NA	5.00E+03	NA	NC	-3.11E-08
Naphthalene	3.24E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	1.76E-07	1.01E-03
Hexane, n-	-1.80E-02	NA	NA	7.00E+02	7.00E+03	NC	-7.20E-07
Phenol	4.46E-02	NA	NA	2.00E+02	2.00E+02	NC	6.24E-05
Propylene	2.35E-01	NA	NA	3.00E+03	3.00E+03	NC	2.19E-05
Styrene	1.68E-02	NA	NA	1.00E+03	9.00E+02	NC	5.21E-06
Toluene	-5.35E-02	NA	NA	5.00E+03	3.00E+02	NC	-4.99E-05
Xylene (total)	-5.67E-02	NA	NA	1.00E+02	7.00E+02	NC	-2.27E-05
Chlorine	-2.47E-04	NA	NA	1.50E-01	2.00E-01	NC	-3.45E-04
Chromium (VI)	5.37E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	1.29E-07	7.51E-06
Copper	1.92E-05	NA	NA	NA	NA	NC	NC
Lead	4.62E-05	NA	1.20E-05	NA	NA	8.85E-11	NC
Manganese	2.34E-05	NA	NA	5.00E-02	9.00E-02	NC	7.28E-05
Nickel	-1.76E-06	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-7.33E-11	-9.87E-06
Diesel PM	-2.90E-01	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-1.39E-05	-1.62E-02
TOTAL						-1.0E-05	0.13

¹ Commercial Maximum Grid No.

236

NA = Not Available
 NC = Not Calculated

ug/m³ = micrograms per cubic meter
 RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-1.5
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
(Based on Maximally Exposed Individuals Location of Residential Cancer Risks¹)

Exposure Parameters	Residential Child	School Child	Residential Adult	RAGS F Equations									
	24 (hrs/day)	8 (hrs/day)	24 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)									
Exposure Frequency (EF)	350 (days/year)	200 (days/year)	350 (days/year)	Risk = IUR x EC									
Exposure Duration (ED)	6 (years)	6 (years)	70 (years)	HQ = EC / REL									
Averaging Time (non-carcinogenic) (ATnc)	52560 (hrs)	52560 (hrs)	613200 (hrs)	Where: HQ = Hazard Quotient					EC = Exposure Concentration				
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	613200 (hrs)	613200 (hrs)	IUR = Inhalation Unit Risk					AT = Averaging Time (for cancer or non-cancer)				
				REL = Reference Exposure Level									
Toxic Air Contaminant (TAC)	Toxicity Criteria					Cancer Risks				Hazard Quotients			
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to 30-year Resident	Cancer Risk to 70-year Resident	Hazard Quotient Resident	Hazard Quotient Child	Hazard Quotient 30-year Resident	Hazard Quotient 70-year Resident
Acetaldehyde	1.35E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	3.00E-08	5.72E-09	1.50E-07	3.50E-07	9.27E-04	1.77E-04	9.27E-04	9.27E-04
Acrolein	7.99E-02	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	NC	2.19E-01	4.17E-02	2.19E-01	2.19E-01
Benzene	-9.76E-02	7.80E-06	2.90E-05	3.00E+01	6.00E+01	-2.33E-07	-4.43E-08	-1.16E-06	-2.71E-06	-1.56E-03	-2.97E-04	-1.56E-03	-1.56E-03
1,3-Butadiene	2.52E-02	3.00E-05	1.70E-04	2.00E+00	2.00E+01	3.52E-07	6.70E-08	1.76E-06	4.11E-06	1.21E-03	2.30E-04	1.21E-03	1.21E-03
Ethylbenzene	-5.82E-02	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-1.20E-08	-2.28E-09	-5.98E-08	-1.40E-07	-2.79E-05	-5.32E-06	-2.79E-05	-2.79E-05
Formaldehyde	3.48E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	1.71E-07	3.27E-08	8.57E-07	2.00E-06	3.70E-02	7.05E-03	3.70E-02	3.70E-02
Methyl alcohol	5.69E-02	NA	NA	4.00E+03	4.00E+03	NC	NC	NC	NC	1.36E-05	2.60E-06	1.36E-05	1.36E-05
Methyl ethyl ketone	-1.28E-03	NA	NA	5.00E+03	NA	NC	NC	NC	NC	-2.45E-07	-4.67E-08	-2.45E-07	-2.45E-07
Naphthalene	1.63E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	4.55E-08	8.67E-09	2.28E-07	5.31E-07	1.74E-03	3.31E-04	1.74E-03	1.74E-03
Hexane, n-	-9.05E-02	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	NC	-1.24E-05	-2.36E-06	-1.24E-05	-1.24E-05
Phenol	2.58E-02	NA	NA	2.00E+02	2.00E+02	NC	NC	NC	NC	1.24E-04	2.35E-05	1.24E-04	1.24E-04
Propylene	-1.86E-02	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	NC	-5.94E-06	-1.13E-06	-5.94E-06	-5.94E-06
Styrene	3.42E-03	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	NC	3.65E-06	6.95E-07	3.65E-06	3.65E-06
Toluene	-3.23E-01	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	NC	-1.03E-03	-1.96E-04	-1.03E-03	-1.03E-03
Xylene (total)	-2.77E-01	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	NC	-3.79E-04	-7.23E-05	-3.79E-04	-3.79E-04
Chlorine	-1.10E-02	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	NC	-5.25E-02	-1.00E-02	-5.25E-02	-5.25E-02
Chromium (VI)	-1.53E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	-1.88E-08	-3.59E-09	-9.42E-08	-2.20E-07	-7.33E-06	-1.40E-06	-7.33E-06	-7.33E-06
Copper	-6.91E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Lead	2.02E-05	NA	1.20E-05	NA	NA	1.99E-11	3.79E-12	9.94E-11	2.32E-10	NC	NC	NC	NC
Manganese	-6.72E-05	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	NC	-7.16E-04	-1.36E-04	-7.16E-04	-7.16E-04
Nickel	-7.82E-05	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-1.67E-09	-3.18E-10	-8.36E-09	-1.95E-08	-1.50E-03	-2.86E-04	-1.50E-03	-1.50E-03
Diesel PM	-1.64E+00	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-4.03E-05	-7.68E-06	-2.02E-04	-4.70E-04	-3.14E-01	-5.97E-02	-3.14E-01	-3.14E-01
TOTAL						-4.0E-05	-7.6E-06	-2.0E-04	-4.7E-04	-0.11	-0.021	-0.11	-0.11

¹ Residential Maximum Grid No. 141
 NA = Not Available ug/m³ = micrograms per cubic meter
 NC = Not Calculated RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-1.6
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline -
Lifetime Exposure
(Based on Maximally Exposed Individuals Location of Commercial Cancer Risks¹)

Exposure Parameters	Adult Worker	RAGS F Equations		Cancer Risks		Hazard Quotients		
		Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Adult Worker	Hazard Quotient Worker
Exposure Time (ET)	10 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)						
Exposure Frequency (EF)	245 (days/year)	Risk = IUR x EC						
Exposure Duration (ED)	40 (years)	HQ = EC / REL						
Averaging Time (non-carcinogenic) (ATnc)	350400 (hrs)	Where: HQ = Hazard Quotient		EC = Exposure Concentration				
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	IUR = Inhalation Unit Risk		AT = Averaging Time (for cancer or non-cancer)				
		REL = Reference Exposure Level						
Toxic Air Contaminant (TAC)	Toxicity Criteria				Cancer Risks		Hazard Quotients	
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Adult Worker	Hazard Quotient Worker	
Acetaldehyde	2.29E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	9.88E-08	4.57E-04	
Acrolein	1.40E-01	NA	NA	2.00E-02	3.50E-01	NC	1.12E-01	
Benzene	-4.09E-01	7.80E-06	2.90E-05	3.00E+01	6.00E+01	-1.90E-06	-1.91E-03	
1,3-Butadiene	-4.25E-03	3.00E-05	1.70E-04	2.00E+00	2.00E+01	-1.16E-07	-5.95E-05	
Ethylbenzene	-1.95E-01	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-7.81E-08	-2.73E-05	
Formaldehyde	5.36E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	5.14E-07	1.67E-02	
Methyl alcohol	9.56E-02	NA	NA	4.00E+03	4.00E+03	NC	6.68E-06	
Methyl ethyl ketone	-4.50E-03	NA	NA	5.00E+03	NA	NC	-2.52E-07	
Naphthalene	2.59E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	1.41E-07	8.06E-04	
Hexane, n-	-2.71E-01	NA	NA	7.00E+02	7.00E+03	NC	-1.08E-05	
Phenol	4.74E-02	NA	NA	2.00E+02	2.00E+02	NC	6.63E-05	
Propylene	-2.59E-01	NA	NA	3.00E+03	3.00E+03	NC	-2.41E-05	
Styrene	-4.05E-03	NA	NA	1.00E+03	9.00E+02	NC	-1.26E-06	
Toluene	-1.05E+00	NA	NA	5.00E+03	3.00E+02	NC	-9.76E-04	
Xylene (total)	-9.06E-01	NA	NA	1.00E+02	7.00E+02	NC	-3.62E-04	
Chlorine	-1.99E-03	NA	NA	1.50E-01	2.00E-01	NC	-2.79E-03	
Chromium (VI)	1.77E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	4.24E-08	2.47E-06	
Copper	-4.69E-06	NA	NA	NA	NA	NC	NC	
Lead	2.10E-05	NA	1.20E-05	NA	NA	4.02E-11	NC	
Manganese	-2.79E-06	NA	NA	5.00E-02	9.00E-02	NC	-8.66E-06	
Nickel	-1.42E-05	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-5.91E-10	-7.96E-05	
Diesel PM	-3.44E+00	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-1.65E-04	-1.92E-01	
					TOTAL	-1.7E-04	-0.069	

¹ Commercial Maximum Grid No.

173

NA = Not Available
 NC = Not Calculated

ug/m³ = micrograms per cubic meter
 RfC = reference concentration

Source: CDM Smith, 2012

Attachment 1C-2
Acute Non-cancer Health Hazard Calculations

Table 1C-2.1
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Location	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	formaldehyde (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	phenol (carboic acid) (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, total (µg/m³)	arsenic (µg/m³)	chlorine (µg/m³)	copper (µg/m³)	mercury (µg/m³)	nickel (µg/m³)	vanadium (µg/m³)	sulfates (µg/m³)
Commercial - Onsite																	
Maximum Onsite Concentration-->	-3.83E+00	1.77E+00	-6.24E+00	-5.59E+00	1.15E+00	-1.40E+00	5.57E-01	-6.25E-02	-1.13E+01	-9.97E+00	-4.25E-03	-3.21E-01	-2.14E-02	-2.55E-02	-1.64E-02	-2.46E-02	-1.50E+01
Commercial - Offsite																	
Maximum Offsite Concentration-->	6.41E+00	4.10E+00	9.81E+00	2.09E+01	3.17E+00	-9.45E-02	1.22E+00	7.87E-01	1.18E+01	1.11E+01	1.07E-03	7.83E-02	6.04E-03	6.42E-03	4.10E-03	6.21E-03	3.76E+00
Average Offsite Concentration-->	1.85E+00	1.93E+00	4.01E-01	6.83E+00	1.41E+00	-3.05E-01	5.81E-01	2.08E-01	-1.10E+00	-9.34E-01	-1.91E-03	-1.34E-01	-9.38E-03	-1.15E-02	-7.29E-03	-1.11E-02	-6.69E+00
Minimum Offsite Concentration-->	-1.99E+00	-1.56E-01	-4.80E+00	-4.77E+00	-2.29E-01	-8.69E-01	-3.63E-02	-2.04E-01	-8.44E+00	-7.20E+00	-1.13E-02	-7.95E-01	-5.76E-02	-6.80E-02	-4.31E-02	-6.57E-02	-3.96E+01
Recreational																	
Maximum Offsite Concentration-->	5.12E+00	3.49E+00	2.82E+00	1.57E+01	2.59E+00	-1.31E-01	1.04E+00	4.58E-01	1.88E+00	1.76E+00	-4.80E-04	-3.09E-02	-2.12E-03	-2.88E-03	-1.81E-03	-2.78E-03	-1.66E+00
Average Offsite Concentration-->	2.44E+00	1.92E+00	1.04E+00	8.18E+00	1.42E+00	-1.86E-01	5.77E-01	2.33E-01	-5.91E-02	-2.88E-02	-1.01E-03	-7.04E-02	-4.88E-03	-6.05E-03	-3.84E-03	-5.85E-03	-3.52E+00
Minimum Offsite Concentration-->	1.13E+00	1.12E+00	-4.52E-01	4.16E+00	8.25E-01	-2.64E-01	3.38E-01	1.11E-01	-2.20E+00	-2.04E+00	-1.84E-03	-1.30E-01	-9.10E-03	-1.11E-02	-7.03E-03	-1.07E-02	-6.44E+00
Residential																	
Maximum Offsite Concentration-->	1.17E+01	7.60E+00	4.65E+00	3.51E+01	5.61E+00	-1.51E-01	2.26E+00	9.38E-01	3.69E+00	3.39E+00	-6.89E-04	-2.44E-02	-3.29E-03	-4.13E-03	-2.62E-03	-3.99E-03	-2.41E+00
Average Offsite Concentration-->	2.85E+00	2.35E+00	5.46E-01	9.24E+00	1.71E+00	-2.53E-01	7.04E-01	2.55E-01	-1.17E+00	-1.07E+00	-1.82E-03	-1.28E-01	-8.96E-03	-1.09E-02	-6.93E-03	-1.06E-02	-6.36E+00
Minimum Offsite Concentration-->	-1.56E+00	8.42E-02	-3.70E+00	-3.29E+00	-1.22E-02	-6.71E-01	3.57E-02	-1.18E-01	-6.14E+00	-5.59E+00	-4.22E-03	-3.01E-01	-2.10E-02	-2.53E-02	-1.61E-02	-2.45E-02	-1.48E+01
School																	
Maximum Offsite Concentration-->	4.01E+00	2.90E+00	2.06E+00	1.24E+01	2.13E+00	-1.80E-01	8.67E-01	3.58E-01	1.08E+00	1.03E+00	-8.70E-04	-6.13E-02	-4.10E-03	-5.22E-03	-3.32E-03	-5.05E-03	-3.04E+00
Average Offsite Concentration-->	2.09E+00	1.89E+00	1.49E-01	6.98E+00	1.37E+00	-2.43E-01	5.67E-01	1.94E-01	-1.43E+00	-1.29E+00	-1.80E-03	-1.27E-01	-8.85E-03	-1.08E-02	-6.85E-03	-1.04E-02	-6.28E+00
Minimum Offsite Concentration-->	-6.62E-01	5.61E-01	-3.49E+00	-7.66E-01	3.29E-01	-3.33E-01	1.76E-01	-7.15E-02	-6.10E+00	-5.61E+00	-4.11E-03	-2.88E-01	-2.07E-02	-2.47E-02	-1.57E-02	-2.39E-02	-1.44E+01
CalEPA Acute REL	470	2.5	1300	55	28000	13000	5800	21000	37000	22000	0.2	210	100	0.6	6	30	120
Commercial - Onsite																	
Onsite Maximum Acute Hazard-->	-8.14E-03	7.07E-01	-4.80E-03	-1.02E-01	4.12E-05	-1.07E-04	9.60E-05	-2.98E-06	-3.05E-04	-4.53E-04	-2.12E-02	-1.53E-03	-2.14E-04	-4.25E-02	-2.73E-03	-8.22E-04	-1.25E-01
Commercial - Offsite																	
Offsite Maximum Acute Hazard-->	1.36E-02	1.64E+00	7.55E-03	3.80E-01	1.13E-04	-7.27E-06	2.11E-04	3.75E-05	3.18E-04	5.03E-04	5.35E-03	3.73E-04	6.04E-05	1.07E-02	6.83E-04	2.07E-04	3.13E-02
Offsite Average Acute Hazard-->	3.94E-03	7.70E-01	3.08E-04	1.24E-01	5.03E-05	-2.34E-05	1.00E-04	9.90E-06	-2.97E-05	-4.25E-05	-9.57E-03	-6.40E-04	-9.38E-05	-1.91E-02	-1.22E-03	-3.70E-04	-5.57E-02
Offsite Minimum Acute Hazard-->	-4.24E-03	-6.24E-02	-3.69E-03	-8.68E-02	-8.18E-06	-6.68E-05	-6.26E-06	-9.69E-06	-2.28E-04	-3.27E-04	-5.66E-02	-3.78E-03	-5.76E-04	-1.13E-01	-7.19E-03	-2.19E-03	-3.30E-01
Recreational																	
Offsite Maximum Acute Hazard-->	1.09E-02	1.40E+00	2.17E-03	2.86E-01	9.26E-05	-1.00E-05	1.79E-04	2.18E-05	5.07E-05	7.99E-05	-2.40E-03	-1.47E-04	-2.12E-05	-4.80E-03	-3.01E-04	-9.28E-05	-1.38E-02
Offsite Average Acute Hazard-->	5.19E-03	7.70E-01	8.03E-04	1.49E-01	5.08E-05	-1.43E-05	9.95E-05	1.11E-05	-1.60E-06	-1.31E-06	-5.04E-03	-3.35E-04	-4.88E-05	-1.01E-02	-6.40E-04	-1.95E-04	-2.93E-02
Offsite Minimum Acute Hazard-->	2.41E-03	4.49E-01	-3.48E-04	7.57E-02	2.95E-05	-2.03E-05	5.83E-05	5.26E-06	-5.95E-05	-9.28E-05	-9.22E-03	-6.17E-04	-9.10E-05	-1.84E-02	-1.17E-03	-3.56E-04	-5.37E-02
Residential																	
Offsite Maximum Acute Hazard-->	2.48E-02	3.04E+00	3.57E-03	6.38E-01	2.00E-04	-1.16E-05	3.90E-04	4.47E-05	9.97E-05	1.54E-04	-3.44E-03	-1.16E-04	-3.29E-05	-6.89E-03	-4.37E-04	-1.33E-04	-2.01E-02
Offsite Average Acute Hazard-->	6.06E-03	9.39E-01	4.20E-04	1.68E-01	6.12E-05	-1.94E-05	1.21E-04	1.22E-05	-3.16E-05	-4.89E-05	-9.10E-03	-6.08E-04	-8.96E-05	-1.82E-02	-1.16E-03	-3.52E-04	-5.30E-02
Offsite Minimum Acute Hazard-->	-3.32E-03	3.37E-02	-2.84E-03	-5.98E-02	-4.36E-07	-5.16E-05	6.15E-06	-5.62E-06	-1.66E-04	-2.54E-04	-2.11E-02	-1.43E-03	-2.10E-04	-4.22E-02	-2.69E-03	-8.16E-04	-1.23E-01
School																	
Offsite Maximum Acute Hazard-->	8.53E-03	1.16E+00	1.58E-03	2.26E-01	7.62E-05	-1.39E-05	1.49E-04	1.71E-05	2.93E-05	4.67E-05	-4.35E-03	-2.92E-04	-4.10E-05	-8.70E-03	-5.53E-04	-1.68E-04	-2.53E-02
Offsite Average Acute Hazard-->	4.45E-03	7.55E-01	1.14E-04	1.27E-01	4.90E-05	-1.87E-05	9.78E-05	9.22E-06	-3.86E-05	-5.87E-05	-8.98E-03	-6.06E-04	-8.85E-05	-1.80E-02	-1.14E-03	-3.47E-04	-5.23E-02
Offsite Minimum Acute Hazard-->	-1.41E-03	2.24E-01	-2.68E-03	-1.39E-02	1.18E-05	-2.56E-05	3.03E-05	-3.41E-06	-1.65E-04	-2.55E-04	-2.06E-02	-1.37E-03	-2.07E-04	-4.11E-02	-2.61E-03	-7.95E-04	-1.20E-01

Table 1C-2.1

Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde ($\mu\text{g}/\text{m}^3$)	acrolein ($\mu\text{g}/\text{m}^3$)	benzene ($\mu\text{g}/\text{m}^3$)	formaldehyde ($\mu\text{g}/\text{m}^3$)	methyl alcohol ($\mu\text{g}/\text{m}^3$)	methyl ethyl ketone ($\mu\text{g}/\text{m}^3$)	phenol (carboic acid) ($\mu\text{g}/\text{m}^3$)	styrene ($\mu\text{g}/\text{m}^3$)	toluene ($\mu\text{g}/\text{m}^3$)	xylene, total ($\mu\text{g}/\text{m}^3$)	arsenic ($\mu\text{g}/\text{m}^3$)	chlorine ($\mu\text{g}/\text{m}^3$)	copper ($\mu\text{g}/\text{m}^3$)	mercury ($\mu\text{g}/\text{m}^3$)	nickel ($\mu\text{g}/\text{m}^3$)	vanadium ($\mu\text{g}/\text{m}^3$)	sulfates ($\mu\text{g}/\text{m}^3$)
117	370814	758243	Offsite Worker	1.21E+00	1.56E+00	-7.60E-01	4.71E+00	1.11E+00	-3.05E-01	4.71E-01	1.26E-01	-2.57E+00	-2.32E+00	-1.78E-03	-1.39E-01	-8.89E-03	-1.07E-02	-6.87E-03	-1.03E-02	-6.30E+00
118	370810	758153	Offsite Worker	1.35E+00	1.66E+00	-6.41E-01	5.17E+00	1.19E+00	-3.13E-01	5.02E-01	1.41E-01	-2.47E+00	-2.23E+00	-2.07E-03	-1.59E-01	-1.03E-02	-1.24E-02	-7.97E-03	-1.20E-02	-7.31E+00
119	370807	758063	Offsite Worker	2.02E+00	2.06E+00	-7.24E-02	7.19E+00	1.50E+00	-3.20E-01	6.21E-01	2.03E-01	-1.91E+00	-1.72E+00	-2.34E-03	-1.84E-01	-1.17E-02	-1.41E-02	-9.07E-03	-1.36E-02	-8.32E+00
120	370803	757974	Offsite Worker	2.43E+00	2.37E+00	-2.89E-01	8.47E+00	1.71E+00	-3.45E-01	7.13E-01	2.25E-01	-2.49E+00	-2.28E+00	-2.74E-03	-2.14E-01	-1.37E-02	-1.65E-02	-1.06E-02	-1.59E-02	-9.72E+00
121	370835	757927	Offsite Worker	3.20E+00	2.68E+00	-5.43E-01	1.04E+01	1.92E+00	-2.99E-01	8.03E-01	2.45E-01	-3.12E+00	-2.93E+00	-3.03E-03	-2.29E-01	-1.51E-02	-1.82E-02	-1.17E-02	-1.76E-02	-1.07E+01
122	370868	757880	Offsite Worker	2.97E+00	2.60E+00	1.57E-01	9.98E+00	1.89E+00	-3.16E-01	7.79E-01	2.65E-01	-1.95E+00	-1.80E+00	-2.77E-03	-2.00E-01	-1.37E-02	-1.66E-02	-1.06E-02	-1.61E-02	-9.72E+00
123	370921	757884	Offsite Worker	3.06E+00	2.62E+00	-1.17E-02	1.01E+01	1.90E+00	-3.06E-01	7.87E-01	2.60E-01	-2.30E+00	-2.12E+00	-3.03E-03	-2.31E-01	-1.51E-02	-1.82E-02	-1.17E-02	-1.75E-02	-1.07E+01
124	370975	757887	Offsite Worker	3.37E+00	2.88E+00	5.72E-01	1.12E+01	2.10E+00	-3.34E-01	8.63E-01	3.09E-01	-1.56E+00	-1.43E+00	-2.69E-03	-2.10E-01	-1.32E-02	-1.61E-02	-1.04E-02	-1.56E-02	-9.53E+00
125	370975	757794	Offsite Worker	4.62E+00	3.71E+00	2.11E+00	1.51E+01	2.74E+00	-3.74E-01	1.11E+00	4.53E-01	1.55E-01	1.70E-01	-1.81E-03	-1.19E-01	-8.31E-03	-1.09E-02	-6.85E-03	-1.05E-02	-6.28E+00
126	371026	757794	Offsite Worker	5.09E+00	4.01E+00	1.64E+00	1.64E+01	2.94E+00	-3.86E-01	1.20E+00	4.64E-01	-8.40E-01	-7.81E-01	-1.78E-03	-1.40E-01	-8.24E-03	-1.07E-02	-6.88E-03	-1.03E-02	-6.31E+00
127	371076	757877	Offsite Worker	4.58E+00	3.57E+00	1.85E+00	1.47E+01	2.63E+00	-3.34E-01	1.07E+00	4.28E-01	-1.64E-01	-1.39E-01	-1.85E-03	-1.40E-01	-8.75E-03	-1.11E-02	-7.13E-03	-1.08E-02	-6.54E+00
128	371126	757859	Offsite Worker	4.26E+00	3.27E+00	2.02E+00	1.36E+01	2.42E+00	-2.90E-01	9.78E-01	4.05E-01	3.55E-01	3.46E-01	-1.93E-03	-1.37E-01	-9.21E-03	-1.16E-02	-7.35E-03	-1.12E-02	-6.74E+00
129	371119	758031	Offsite Worker	3.34E+00	2.78E+00	1.44E+00	1.10E+01	2.05E+00	-3.03E-01	8.32E-01	3.34E-01	-1.23E-01	-7.63E-02	-1.89E-03	-1.33E-01	-9.18E-03	-1.14E-02	-7.21E-03	-1.10E-02	-6.61E+00
143	371953	757977	Offsite Worker	5.41E-02	1.85E+00	-6.60E-01	2.72E+00	1.34E+00	-6.41E-01	5.65E-01	1.61E-01	-2.67E+00	-2.23E+00	-1.44E-03	-1.60E-01	-7.40E-03	-8.62E-03	-5.90E-03	-8.34E-03	-5.40E+00
144	371948	757880	Offsite Worker	1.31E+00	1.93E+00	-4.30E-01	5.43E+00	1.40E+00	-4.17E-01	5.84E-01	1.77E-01	-2.35E+00	-2.07E+00	-1.07E-03	-8.09E-02	-5.12E-03	-6.41E-03	-4.11E-03	-6.19E-03	-3.77E+00
145	371943	757783	Offsite Worker	6.98E-02	1.66E+00	-2.77E+00	2.31E+00	1.14E+00	-5.73E-01	5.07E-01	5.89E-02	-5.73E+00	-5.19E+00	-1.49E-03	-8.93E-03	-7.23E-03	-5.71E-03	-8.63E-03	-5.23E+00	-5.23E+00
146	372016	757794	Offsite Worker	2.38E-01	1.55E+00	-2.70E+00	2.48E+00	1.06E+00	-4.97E-01	4.71E-01	4.91E-02	-5.55E+00	-5.05E+00	-1.48E-03	-1.09E-01	-7.21E-03	-8.89E-03	-5.68E-03	-8.60E-03	-5.21E+00
147	372102	757791	Offsite Worker	1.48E-01	1.37E+00	-2.62E+00	2.06E+00	9.34E-01	-4.55E-01	4.19E-01	3.48E-02	-5.31E+00	-4.83E+00	-1.50E-03	-1.03E-01	-7.28E-03	-9.01E-03	-5.71E-03	-8.71E-03	-5.24E+00
148	372178	757760	Offsite Worker	2.84E-02	1.35E+00	-2.10E+00	1.84E+00	9.33E-01	-4.71E-01	4.13E-01	5.34E-02	-4.48E+00	-4.03E+00	-1.30E-03	-8.51E-02	-6.26E-03	-4.92E-03	-7.57E-03	-4.52E+00	-4.52E+00
149	372177	757670	Offsite Worker	5.26E-01	1.54E+00	-1.07E+00	3.25E+00	1.09E+00	-4.36E-01	4.68E-01	1.12E-01	-3.05E+00	-2.69E+00	-1.37E-03	-8.78E-02	-6.61E-03	-8.25E-03	-5.17E-03	-7.97E-03	-4.75E+00
150	372176	757579	Offsite Worker	7.25E-01	1.73E+00	-3.68E-01	4.02E+00	1.25E+00	-4.62E-01	5.25E-01	1.59E-01	-2.14E+00	-1.81E+00	-1.05E-03	-7.86E-02	-5.06E-03	-6.28E-03	-4.02E-03	-6.07E-03	-3.69E+00
151	372174	757489	Offsite Worker	3.65E-01	1.56E+00	-6.93E-01	3.07E+00	1.12E+00	-4.75E-01	4.75E-01	1.30E-01	-2.48E+00	-2.13E+00	-7.63E-04	-5.79E-02	-3.61E-03	-4.58E-03	-2.94E-03	-4.42E-03	-2.69E+00
152	372173	757398	Offsite Worker	1.34E+00	1.86E+00	1.71E-01	5.62E+00	1.36E+00	-3.84E-01	5.62E-01	1.93E-01	-1.40E+00	-1.17E+00	-1.06E-03	-8.90E-02	-5.17E-03	-6.36E-03	-4.14E-03	-6.14E-03	-3.80E+00
153	372171	757442	Offsite Worker	2.64E+00	2.31E+00	1.60E+00	9.15E+00	1.72E+00	-2.81E-01	6.94E-01	2.93E-01	4.51E-01	5.05E-01	-1.27E-03	-9.72E-02	-6.22E-03	-7.62E-03	-4.90E-03	-7.37E-03	-4.49E+00
154	372055	757309	Offsite Worker	1.88E+00	2.17E+00	5.36E-01	7.34E+00	1.59E+00	-3.85E-01	6.56E-01	2.38E-01	-1.12E+00	-9.13E-01	-1.30E-03	-1.08E-01	-6.39E-03	-7.77E-03	-5.06E-03	-7.51E-03	-4.64E+00
156	372055	757416	Offsite Worker	-9.46E-02	1.48E+00	-7.59E-01	2.10E+00	1.07E+00	-5.41E-01	4.53E-01	1.20E-01	-2.51E+00	-2.12E+00	-9.63E-04	-7.71E-02	-4.64E-03	-5.78E-03	-3.74E-03	-5.59E-03	-3.43E+00
157	371952	757442	Offsite Worker	9.00E-01	1.96E+00	-2.59E-01	4.84E+00	1.42E+00	-5.10E-01	5.95E-01	1.87E-01	-2.12E+00	-1.79E+00	-1.18E-03	-7.44E-02	-5.64E-03	-7.11E-03	-4.45E-03	-6.87E-03	-4.08E+00
158	371950	757345	Offsite Worker	-2.13E-01	1.74E+00	-1.42E+00	2.39E+00	1.24E+00	-6.55E-01	5.31E-01	1.20E-01	-3.74E+00	-3.23E+00	-1.41E-03	-1.23E-01	-6.99E-03	-8.44E-03	-5.53E-03	-8.16E-03	-5.07E+00
159	371864	757344	Offsite Worker	-1.02E+00	1.63E+00	-1.86E+00	6.11E-01	1.15E+00	-7.79E-01	5.02E-01	9.30E-02	-4.33E+00	-3.72E+00	-1.37E-03	-1.21E-01	-6.81E-03	-8.23E-03	-5.40E-03	-7.96E-03	-4.95E+00
160	371790	757347	Offsite Worker	-7.98E-01	1.63E+00	-1.31E+00	1.10E+00	1.17E+00	-7.36E-01	5.02E-01	1.14E-01	-3.50E+00	-2.95E+00	-1.36E-03	-1.03E-01	-6.64E-03	-8.18E-03	-5.25E-03	-7.91E-03	-4.82E+00
161	371708	757356	Offsite Worker	7.89E-01	2.06E+00	-3.18E-01	4.99E+00	1.49E+00	-5.65E-01	6.24E-01	1.94E-01	-2.29E+00	-1.93E+00	-1.32E-03	-7.66E-02	-6.16E-03	-7.89E-03	-4.90E-03	-7.63E-03	-4.49E+00
162	371615	757356	Offsite Worker	1.67E+00	2.30E+00	2.58E-01	7.18E+00	1.68E+00	-4.74E-01	6.95E-01	2.41E-01	-1.60E+00	-1.34E+00	-1.37E-03	-6.57E-02	-6.29E-03	-8.22E-03	-5.00E-03	-7.93E-03	-4.59E+00
163	371523	757356	Offsite Worker	2.21E+00	2.57E+00	7.49E-01	8.71E+00	1.89E+00	-4.60E-01	7.75E-01	2.87E-01	-1.05E+00	-8.43E-01	-1.67E-03	-9.03E-02	-7.80E-03	-9.99E-03	-6.15E-03	-9.66E-03	-5.65E+00
164	371430	757356	Offsite Worker	2.93E+00	2.95E+00	1.20E+00	1.08E+01	2.17E+00	-4.48E-01	8.87E-01	3.43E-01	-6.40E-01	-4.91E-01	-1.99E-03	-1.25E-01	-9.52E-03	-1.19E-02	-7.48E-03	-1.15E-02	-6.86E+00
165	371338	757356	Offsite Worker	3.16E+00	3.18E+00	1.10E+00	1.15E+01	2.33E+00	-4.81E-01	9.55E-01	3.61E-01	-1.02E+00	-8.38E-01	-2.48E-03	-1.73E-01	-1.21E-02	-1.49E-02	-9.43E-03	-1.44E-02	-8.65E+00
166	371245	757356	Offsite Worker	3.03E+00	3.32E+00	3.96E-01	1.12E+01	2.42E+00	-5.59E-01	1.00E+00	3.48E-01	-2.25E+00	-1.96E+00	-3.22E-03	-2.37E-01	-1.59E-02	-1.93E-02	-1.24E-02	-1.87E-02	-1.13E+01
167	371153	757356	Offsite Worker	2.96E+00	3.42E+00	-6.51E-01	1.11E+01	2.46E+00	-6.07E-01	1.03E+00	3.16E-01	-3.98E+00	-3.58E+00	-3.95E-03	-3.01E-01	-1.97E-02	-2.37E-02	-1.52E-02	-2.29E-02	-1.40E+01
168	371061	757356	Offsite Worker	2.86E+00	3.49E+00	-1.56E+00	1.08E+01	2.49E+00	-6.53E-01	1.05E+00	2.87E-01	-5.47E+00	-4.96E+00	-4.67E-03	-3.54E-01	-2.33E-02	-2.80E-02	-2.71E-02	-1.65E+01	-1.65E+01
169	371005	757357	Offsite Worker	2.51E+00	3.41E+00	-2.26E+00	9.99E+00	2.42E+00	-6.95E-01	1.03E+00	2.52E-01	-6.47E+00	-5.90E+00	-4.96E-03	-3.78E-01	-2.47E-02	-2.97E-02	-1.91E-02	-2.87E-02	-1.75E+01
170	370998	757293	Offsite Worker	2.51E+00	3.76E+00	-1.00E+00	1.06E+01	2.71E+00	-8.17E-01	1.14E+00	3.37E-01	-4.89E+00	-4.31E+00	-4.42E-03	-3.46E-01	-2.21E-02	-2.65E-02	-1.71E-02	-2.57E-02	-1.57E+01
171	370998	757194	Offsite Worker	2.69E+00	3.60E+00	2.13E+00	1.16E+01	2.68E+00	-7.25E-01	1.09E+00	4.45E-01	1.13E-01	4.03E-01	-2.70E-03	-2.00E-01	-1.31E-02	-1.62E-02	-1.04E-02	-1.57E-02	-9.51E+00
172	370998	757096	Offsite Worker	1.06E+00	3.07E+00	1.69E+00	7.72E+00	2.29E+00	-8.69E-01	9.34E-01	3.76E-01	-1.10E-01	2.99E-01	-2.57E-03	-1.72E-01	-1.23E-02	-1.54E-02	-9.73E-03	-1.49E-02	-8.92E+00
173	370998	756998	Offsite Worker	-1.05E+00	1.69E+00	-3.65E+00	8.36E-01	1.17E+00	-8.14E-01	5.46E-01	2.09E-02	-8.44E+00	-7.20E+00	-2.25E-03	-1.10E-01	-1.05E-02	-1.35E-02	-8.24E-03	-1.31E-02	-7.57E+00
174	371057	756997	Offsite Worker	2.39E-01	2.10E+00	-2.21E+00	4.32E+00	1.49E+00	-6.96E-01	6.54E-01	1.21E-01	-5.97E+00	-5.13E+00	-2.47E-03	-1.23E-01	-1.16E-02	-1.48E-02	-9.06E-03	-1.43E-02	-8.31E+00
175	371153	756997	Offsite Worker																	

Table 1C-2.1
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde ($\mu\text{g}/\text{m}^3$)	acrolein ($\mu\text{g}/\text{m}^3$)	benzene ($\mu\text{g}/\text{m}^3$)	formaldehyde ($\mu\text{g}/\text{m}^3$)	methyl alcohol ($\mu\text{g}/\text{m}^3$)	methyl ethyl ketone ($\mu\text{g}/\text{m}^3$)	phenol (carboic acid) ($\mu\text{g}/\text{m}^3$)	styrene ($\mu\text{g}/\text{m}^3$)	toluene ($\mu\text{g}/\text{m}^3$)	xylene, total ($\mu\text{g}/\text{m}^3$)	arsenic ($\mu\text{g}/\text{m}^3$)	chlorine ($\mu\text{g}/\text{m}^3$)	copper ($\mu\text{g}/\text{m}^3$)	mercury ($\mu\text{g}/\text{m}^3$)	nickel ($\mu\text{g}/\text{m}^3$)	vanadium ($\mu\text{g}/\text{m}^3$)	sulfates ($\mu\text{g}/\text{m}^3$)
187	372303	756997	Offsite Worker	2.88E+00	2.33E+00	3.57E+00	1.07E+01	1.78E+00	-2.37E-01	6.99E-01	3.72E-01	3.44E+00	3.34E+00	-2.42E-04	-2.22E-02	-8.67E-04	-1.45E-03	-9.59E-04	-1.40E-03	-8.79E-01
188	372399	756997	Offsite Worker	3.84E+00	2.79E+00	5.12E+00	1.35E+01	2.16E+00	-2.07E-01	8.36E-01	4.79E-01	5.48E+00	5.23E+00	-1.31E-04	-1.66E-02	-3.33E-04	-7.85E-04	-5.51E-04	-7.58E-04	-5.05E-01
189	372495	756997	Offsite Worker	6.13E+00	3.92E+00	9.45E+00	2.02E+01	3.09E+00	-1.41E-01	1.17E+00	7.62E-01	1.13E+01	1.06E+01	8.33E-04	5.72E-02	4.79E-03	5.00E-03	3.16E-03	4.83E-03	2.90E+00
190	372591	756997	Offsite Worker	6.41E+00	4.02E+00	9.81E+00	2.09E+01	3.17E+00	-1.21E-01	1.20E+00	7.87E-01	1.18E+01	1.11E+01	1.07E-03	7.83E-02	6.04E-03	6.42E-03	4.10E-03	6.21E-03	3.76E+00
191	372610	757063	Offsite Worker	5.75E+00	3.66E+00	9.04E+00	1.85E+01	2.89E+00	-1.26E-01	1.09E+00	7.20E-01	1.09E+01	1.02E+01	9.95E-04	6.95E-02	5.57E-03	5.97E-03	3.79E-03	5.77E-03	3.47E+00
192	372612	757132	Offsite Worker	3.67E+00	2.57E+00	4.18E+00	1.23E+01	1.97E+00	-1.65E-01	7.69E-01	4.20E-01	4.25E+00	4.03E+00	5.27E-05	3.55E-03	5.87E-04	3.16E-04	2.00E-04	3.05E-04	1.83E-01
193	372614	757201	Offsite Worker	1.10E+00	1.24E+00	6.90E-02	5.21E+00	9.04E-01	-2.15E-01	3.75E-01	1.26E-01	-1.05E+00	-9.01E-01	-6.99E-04	-4.04E-02	-3.20E-03	-4.19E-03	-2.60E-03	-4.05E-03	-2.39E+00
194	372616	757270	Offsite Worker	1.76E+00	1.57E+00	1.25E+00	6.63E+00	1.17E+00	-1.98E-01	4.73E-01	2.06E-01	5.22E-01	5.64E-01	-5.65E-04	-3.59E-02	-2.54E-03	-3.39E-03	-2.12E-03	-3.27E-03	-1.95E+00
195	372627	757351	Offsite Worker	2.06E+00	1.72E+00	1.91E+00	7.32E+00	1.30E+00	-1.89E-01	5.16E-01	2.46E-01	1.42E+00	1.41E+00	-5.21E-04	-4.06E-02	-2.40E-03	-3.12E-03	-2.01E-03	-3.02E-03	-1.85E+00
196	372651	757422	Offsite Worker	2.11E+00	1.75E+00	1.91E+00	7.39E+00	1.32E+00	-1.91E-01	5.26E-01	2.49E-01	1.39E+00	1.38E+00	-5.55E-04	-4.23E-02	-2.60E-03	-3.33E-03	-2.14E-03	-3.22E-03	-1.96E+00
197	372676	757494	Offsite Worker	2.37E+00	1.94E+00	1.91E+00	8.15E+00	1.46E+00	-2.05E-01	5.82E-01	2.68E-01	1.25E+00	1.23E+00	-6.75E-02	-4.30E-03	-5.29E-03	-3.40E-03	-5.11E-03	-3.12E-03	-2.12E+00
198	372704	757569	Offsite Worker	2.44E+00	1.98E+00	1.28E+00	8.24E+00	1.47E+00	-2.06E-01	5.95E-01	2.48E-01	2.53E-01	2.81E-01	-1.03E-03	-7.75E-02	-5.06E-03	-6.20E-03	-3.97E-03	-6.00E-03	-3.64E+00
199	372733	757645	Offsite Worker	1.89E+00	1.86E+00	5.83E-01	6.86E+00	1.36E+00	-2.73E-01	5.59E-01	2.09E-01	-7.00E-01	-5.89E-01	-1.03E-03	-7.63E-02	-5.09E-03	-6.21E-03	-3.97E-03	-6.00E-03	-3.64E+00
200	372746	757702	Offsite Worker	1.47E+00	1.73E+00	1.15E-01	5.73E+00	1.26E+00	-3.12E-01	5.22E-01	1.78E-01	-1.32E+00	-1.15E+00	-8.56E-04	-5.99E-02	-4.14E-03	-5.14E-03	-3.26E-03	-4.97E-03	-2.99E+00
201	372746	757768	Offsite Worker	9.04E-01	1.54E+00	-2.69E-01	4.15E+00	1.12E+00	-3.62E-01	4.68E-01	1.44E-01	-1.78E+00	-1.54E+00	-9.81E-04	-7.36E-02	-4.81E-03	-5.88E-03	-3.77E-03	-5.69E-03	-3.46E+00
202	372807	757781	Offsite Worker	1.06E+00	1.57E+00	-1.24E-01	4.56E+00	1.14E+00	-3.37E-01	4.74E-01	1.52E-01	-1.57E+00	-1.35E+00	-8.90E-04	-6.47E-02	-4.34E-03	-5.34E-03	-3.41E-03	-5.16E-03	-3.12E+00
203	372901	757782	Offsite Worker	1.44E+00	1.62E+00	2.70E-01	5.79E+00	1.19E+00	-2.82E-01	4.89E-01	1.73E-01	-9.73E-01	-8.36E-01	-5.72E-04	-2.75E-02	-2.62E-03	-3.43E-03	-2.09E-03	-3.32E-03	-1.92E+00
204	372994	757783	Offsite Worker	1.77E+00	1.69E+00	6.23E-01	6.65E+00	1.24E+00	-2.38E-01	5.07E-01	1.93E-01	-4.59E-01	-3.82E-01	-8.47E-04	-3.96E-02	-3.97E-03	-5.08E-03	-3.09E-03	-4.92E-03	-2.83E+00
205	373087	757783	Offsite Worker	2.05E+00	1.73E+00	9.90E-01	7.37E+00	1.28E+00	-1.96E-01	5.19E-01	2.12E-01	7.78E-02	9.89E-02	-4.64E-02	-5.79E-03	-4.52E-03	-5.76E-03	-3.51E-03	-5.57E-03	-3.22E+00
206	373180	757784	Offsite Worker	2.33E+00	1.79E+00	1.22E+00	8.03E+00	1.33E+00	-1.61E-01	5.36E-01	2.27E-01	3.80E-01	3.64E-01	-9.81E-04	-4.49E-02	-4.58E-03	-5.89E-03	-3.57E-03	-5.69E-03	-3.27E+00
207	373274	757785	Offsite Worker	2.39E+00	1.75E+00	1.28E+00	8.07E+00	1.30E+00	-1.34E-01	5.23E-01	2.24E-01	4.91E-01	4.59E-01	-9.05E-04	-3.58E-02	-4.16E-03	-5.43E-03	-3.25E-03	-5.25E-03	-2.98E+00
208	373367	757786	Offsite Worker	2.15E+00	1.60E+00	1.25E+00	7.31E+00	1.19E+00	-1.29E-01	4.78E-01	2.08E-01	5.71E-01	5.43E-01	-8.36E-04	-3.23E-02	-3.82E-03	-5.02E-03	-3.00E-03	-4.85E-03	-2.75E+00
209	373418	757742	Offsite Worker	2.33E+00	1.67E+00	2.26E+00	7.77E+00	1.27E+00	-1.19E-01	5.01E-01	2.56E-01	2.06E+00	1.95E+00	-3.87E-04	-1.51E-02	-1.65E-03	-2.32E-03	-1.39E-03	-2.24E-03	-1.27E+00
210	373418	757653	Offsite Worker	2.78E+00	1.86E+00	2.81E+00	9.04E+00	1.42E+00	-9.45E-02	5.56E-01	2.96E-01	2.78E+00	2.60E+00	-3.81E-04	-1.06E-02	-1.57E-03	-2.29E-03	-1.34E-03	-2.21E-03	-1.23E+00
211	373419	757564	Offsite Worker	2.36E+00	1.64E+00	1.41E+00	7.73E+00	1.22E+00	-1.01E-01	4.90E-01	2.19E-01	8.23E-01	7.52E-01	-6.14E-04	-2.05E-02	-2.71E-03	-3.69E-03	-2.18E-03	-3.56E-03	-2.00E+00
212	373419	757475	Offsite Worker	1.19E+00	1.02E+00	3.55E-01	4.34E+00	7.51E-01	-1.21E-01	3.08E-01	1.16E-01	-3.77E-01	-3.20E-01	-4.58E-04	-3.62E-03	-1.88E-03	-2.75E-03	-1.56E-03	-2.66E-03	-1.43E+00
213	373420	757386	Offsite Worker	1.16E+00	1.02E+00	3.78E-01	4.27E+00	7.50E-01	-1.25E-01	3.07E-01	1.16E-01	-3.30E-01	-2.75E-01	-4.55E-04	-3.65E-04	-1.79E-03	-2.73E-03	-1.50E-03	-2.64E-03	-1.38E+00
214	373420	757297	Offsite Worker	1.31E+00	1.11E+00	3.60E-01	4.66E+00	8.16E-01	-1.27E-01	3.35E-01	1.25E-01	-4.45E-01	-3.85E-01	-5.69E-04	-8.28E-03	-2.36E-03	-3.41E-03	-1.94E-03	-3.30E-03	-1.78E+00
215	373421	757207	Offsite Worker	1.48E+00	1.19E+00	3.32E-01	5.02E+00	8.72E-01	-1.21E-01	3.58E-01	1.32E-01	-5.40E-01	-4.89E-01	-6.99E-04	-2.25E-02	-3.07E-03	-4.20E-03	-2.47E-03	-4.06E-03	-2.27E+00
216	373421	757117	Offsite Worker	1.12E+00	1.11E+00	-6.92E-02	3.92E+00	8.04E-01	-1.65E-01	3.35E-01	1.07E-01	-1.15E+00	-1.02E+00	-8.05E-04	-4.70E-02	-3.74E-03	-4.83E-03	-3.00E-03	-4.67E-03	-2.75E+00
217	373292	757117	Offsite Worker	1.55E+00	1.35E+00	1.95E-01	5.43E+00	9.81E-01	-1.62E-01	4.05E-01	1.41E-01	-9.26E-01	-8.25E-01	-8.07E-04	-4.85E-02	-3.75E-03	-4.84E-03	-3.01E-03	-4.68E-03	-2.77E+00
218	373213	757118	Offsite Worker	1.90E+00	1.54E+00	4.62E-01	6.71E+00	1.13E+00	-1.58E-01	4.62E-01	1.71E-01	-6.56E-01	-5.86E-01	-4.09E-02	-3.25E-03	-4.25E-03	-2.64E-03	-4.11E-03	-4.12E-03	-2.42E+00
219	373158	757066	Offsite Worker	1.90E+00	1.59E+00	3.90E-01	6.58E+00	1.17E+00	-1.78E-01	4.79E-01	1.74E-01	-8.32E-01	-7.40E-01	-7.61E-04	-5.08E-02	-3.55E-03	-4.57E-03	-2.88E-03	-4.41E-03	-2.64E+00
220	373084	757026	Offsite Worker	1.85E+00	1.61E+00	3.96E-01	6.52E+00	1.18E+00	-1.95E-01	4.85E-01	1.76E-01	-8.48E-01	-7.43E-01	-7.65E-04	-5.27E-02	-3.58E-03	-4.59E-03	-2.91E-03	-4.44E-03	-2.67E+00
221	373009	757011	Offsite Worker	2.23E+00	1.84E+00	6.47E-01	7.57E+00	1.35E+00	-1.98E-01	5.52E-01	2.08E-01	-6.34E-01	-5.54E-01	-7.10E-04	-4.94E-02	-3.31E-03	-4.26E-03	-2.70E-03	-4.12E-03	-2.48E+00
222	372922	757009	Offsite Worker	2.68E+00	2.07E+00	1.08E+00	8.90E+00	1.52E+00	-1.88E-01	6.20E-01	2.48E-01	-1.50E-01	-1.13E-01	-6.44E-04	-4.48E-02	-2.96E-03	-3.86E-03	-2.45E-03	-3.73E-03	-2.25E+00
223	372835	757007	Offsite Worker	2.62E+00	2.07E+00	8.92E-01	8.79E+00	1.52E+00	-1.99E-01	6.20E-01	2.40E-01	-4.50E-01	-3.89E-01	-8.74E-04	-4.91E-02	-3.12E-03	-4.05E-03	-2.58E-03	-3.91E-03	-2.37E+00
224	372747	757006	Offsite Worker	2.86E+00	2.20E+00	1.84E+00	9.64E+00	1.64E+00	-1.97E-01	6.60E-01	2.91E-01	8.98E-01	8.88E-01	-5.73E-04	-3.82E-02	-2.59E-03	-3.44E-03	-2.17E-03	-3.32E-03	-1.99E+00
225	372660	757004	Offsite Worker	5.32E+00	3.48E+00	6.15E+00	1.71E+01	2.68E+00	-1.51E-01	1.04E+00	5.88E-01	6.57E+00	6.17E+00	3.44E-05	2.65E-03	5.21E-04	2.06E-04	1.33E-04	2.00E-04	1.22E+01
226	372651	757063	Offsite Worker	5.78E+00	3.66E+00	8.99E+00	1.87E+01	2.89E+00	-1.22E-01	1.09E+00	7.18E-01	1.08E+01	1.02E+01	1.02E-03	7.28E-02	5.72E-03	6.15E-03	3.91E-03	5.94E-03	3.59E+00
227	372629	756931	Offsite Worker	4.13E+00	2.85E+00	3.40E+00	1.31E+01	2.15E+00	-1.71E-01	8.54E-01	4.17E-01	2.78E+00	2.63E+00	-3.75E-04	-2.29E-02	-1.56E-03	-2.25E-03	-1.40E-03	-2.17E-03	-1.29E+00
228	372631	756857	Offsite Worker	4.24E+00	2.87E+00	3.39E+00	1.32E+01	2.17E+00	-1.55E-01	8.59E-01	4.19E-01	2.75E+00	2.58E+00	-1.32E-04	-7.80E-03	-3.27E-04	-7.89E-04	-4.91E-04	-7.63E-04	-4.51E-01
229	372634	756783	Offsite Worker	3.44E+00	2.43E+00	2.66E+00	1.08E+01	1.83E+00	-1.61E-01	7.27E-01	3.45E-01	1.95E+00	1.86E+00	-2.37E-04	-1.45E-02	-8.01E-04	-1.42E-03	-8.88E-04	-1.37E-03	-8.15E-01
230	372702	756778	Offsite Worker	3.12E+00	2.27E+00	2.25E+00	9.86E+00	1.70E+00	-1.70E-01	6.80E-01	3.14E-01	1.44E+00	1.40E+00	-3.84E-04	-2.70E-02	-1.55E-03	-2.31E-03	-1.46E-03	-2.23E-03	-1.34E+00
231	372756	756775	Offsite Worker	2.72E+0																

Table 1C-2.1
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m ³)	acrolein (µg/m ³)	benzene (µg/m ³)	formaldehyde (µg/m ³)	methyl alcohol (µg/m ³)	methyl ethyl ketone (µg/m ³)	phenol (carbolic acid) (µg/m ³)	styrene (µg/m ³)	toluene (µg/m ³)	xylene, total (µg/m ³)	arsenic (µg/m ³)	chlorine (µg/m ³)	copper (µg/m ³)	mercury (µg/m ³)	nickel (µg/m ³)	vanadium (µg/m ³)	sulfates (µg/m ³)
243	373168	756437	Offsite Worker	2.54E+00	1.93E+00	5.27E-01	7.93E+00	1.41E+00	-1.67E-01	5.79E-01	2.12E-01	-9.10E-01	-8.36E-01	-9.21E-04	-6.52E-02	-4.35E-03	-5.53E-03	-3.51E-03	-5.34E-03	-3.22E+00
244	373267	756437	Offsite Worker	2.62E+00	1.95E+00	5.83E-01	8.11E+00	1.42E+00	-1.57E-01	5.83E-01	2.16E-01	-8.19E-01	-7.62E-01	-8.86E-04	-6.09E-02	-4.07E-03	-5.20E-03	-3.30E-03	-5.02E-03	-3.03E+00
245	373412	756437	Offsite Worker	2.56E+00	1.87E+00	7.48E-01	7.90E+00	1.37E+00	-1.43E-01	5.61E-01	2.15E-01	-4.93E-01	-4.59E-01	-7.78E-04	-5.46E-02	-3.64E-03	-4.67E-03	-2.96E-03	-4.51E-03	-2.72E+00
246	373409	756339	Offsite Worker	2.17E+00	1.81E+00	-7.66E-02	6.92E+00	1.31E+00	-2.00E-01	5.44E-01	1.76E-01	-1.76E+00	-1.62E+00	-1.44E-03	-9.96E-02	-7.05E-03	-8.63E-03	-5.47E-03	-8.35E-03	-5.02E+00
247	373406	756240	Offsite Worker	2.36E+00	1.97E+00	-2.46E-01	7.53E+00	1.42E+00	-2.20E-01	5.93E-01	1.86E-01	-2.13E+00	-1.97E+00	-1.45E-03	-9.86E-02	-7.06E-03	-8.68E-03	-5.49E-03	-8.39E-03	-5.04E+00
248	373403	756142	Offsite Worker	2.53E+00	2.03E+00	5.81E-01	8.04E+00	1.48E+00	-2.03E-01	6.09E-01	2.24E-01	-9.00E-01	-8.13E-01	-9.71E-04	-7.00E-02	-4.64E-03	-5.82E-03	-3.71E-03	-5.63E-03	-3.41E+00
249	373400	756042	Offsite Worker	1.48E+00	1.82E+00	1.44E-01	5.56E+00	1.33E+00	-3.43E-01	5.50E-01	1.88E-01	-1.40E+00	-1.19E+00	-1.27E-03	-1.08E-01	-6.26E-03	-7.61E-03	-4.97E-03	-7.35E-03	-4.55E+00
250	373397	755944	Offsite Worker	6.50E-01	1.32E+00	-4.56E-01	3.10E+00	9.49E-01	-3.33E-01	4.00E-01	1.14E-01	-1.92E+00	-1.67E+00	-1.12E-03	-1.01E-01	-5.62E-03	-6.74E-03	-4.44E-03	-6.51E-03	-4.07E+00
251	373393	755846	Offsite Worker	5.18E-01	1.17E+00	-5.28E-01	2.63E+00	8.43E-01	-3.10E-01	3.57E-01	9.69E-02	-1.90E+00	-1.65E+00	-1.50E-03	-1.18E-01	-7.41E-03	-9.01E-03	-5.81E-03	-8.71E-03	-5.33E+00
252	373390	755747	Offsite Worker	9.53E-01	1.31E+00	-6.81E-01	3.70E+00	9.31E-01	-2.68E-01	3.95E-01	1.04E-01	-2.20E+00	-1.99E+00	-1.46E-03	-1.06E-01	-7.13E-03	-8.75E-03	-5.58E-03	-8.46E-03	-5.12E+00
253	373309	755744	Offsite Worker	1.14E+00	1.42E+00	-6.75E-01	4.25E+00	1.01E+00	-2.70E-01	4.28E-01	1.15E-01	-2.27E+00	-2.07E+00	-1.49E-03	-1.08E-01	-7.27E-03	-8.94E-03	-5.70E-03	-8.64E-03	-5.23E+00
254	373229	755743	Offsite Worker	1.23E+00	1.48E+00	-6.08E-01	4.52E+00	1.06E+00	-2.74E-01	4.47E-01	1.24E-01	-2.22E+00	-2.02E+00	-1.55E-03	-1.12E-01	-7.57E-03	-9.29E-03	-5.93E-03	-8.98E-03	-5.43E+00
255	373143	755741	Offsite Worker	1.20E+00	1.49E+00	-4.47E-01	4.48E+00	1.07E+00	-2.84E-01	4.49E-01	1.31E-01	-1.98E+00	-1.79E+00	-1.63E-03	-1.21E-01	-7.97E-03	-9.76E-03	-6.25E-03	-9.44E-03	-5.73E+00
256	373143	755823	Offsite Worker	7.22E-01	1.37E+00	-9.75E-01	3.29E+00	9.70E-01	-3.36E-01	4.14E-01	9.88E-02	-2.70E+00	-2.43E+00	-1.52E-03	-1.17E-01	-7.46E-03	-9.11E-03	-5.86E-03	-8.81E-03	-5.38E+00
257	373143	755906	Offsite Worker	2.72E-01	1.35E+00	-1.02E+00	2.34E+00	9.62E-01	-4.22E-01	4.12E-01	9.62E-02	-2.79E+00	-2.45E+00	-1.28E-03	-1.16E-01	-6.38E-03	-7.67E-03	-5.05E-03	-7.41E-03	-4.63E+00
258	373065	755906	Offsite Worker	2.31E-01	1.38E+00	-1.24E+00	2.27E+00	9.73E-01	-4.39E-01	4.20E-01	8.98E-02	-3.15E+00	-2.78E+00	-1.29E-03	-1.17E-01	-6.43E-03	-7.72E-03	-5.09E-03	-7.46E-03	-4.67E+00
259	373065	755827	Offsite Worker	3.64E-01	1.33E+00	-1.09E+00	2.50E+00	9.43E-01	-3.96E-01	4.05E-01	9.14E-02	-2.84E+00	-2.53E+00	-1.61E-03	-1.32E-01	-7.98E-03	-9.67E-03	-6.28E-03	-9.35E-03	-5.75E+00
260	373068	755733	Offsite Worker	1.53E+00	1.61E+00	-3.14E-01	5.34E+00	1.16E+00	-2.56E-01	4.83E-01	1.48E-01	-1.87E+00	-1.70E+00	-1.68E-03	-1.21E-01	-8.19E-03	-1.01E-02	-6.41E-03	-9.72E-03	-5.88E+00
261	373067	755733	Offsite Worker	1.57E+00	1.61E+00	-3.30E-01	5.42E+00	1.16E+00	-2.51E-01	4.85E-01	1.48E-01	-1.90E+00	-1.74E+00	-1.70E-03	-1.21E-01	-8.28E-03	-1.02E-02	-6.47E-03	-9.84E-03	-5.94E+00
262	372941	755733	Offsite Worker	1.66E+00	1.63E+00	-4.19E-01	5.63E+00	1.17E+00	-2.37E-01	4.89E-01	1.46E-01	-2.06E+00	-1.89E+00	-1.79E-03	-1.26E-01	-8.74E-03	-1.07E-02	-6.81E-03	-1.04E-02	-6.25E+00
263	372941	755636	Offsite Worker	1.05E+00	1.11E+00	-3.21E-01	3.66E+00	7.98E-01	-1.79E-01	3.36E-01	9.79E-02	-1.52E+00	-1.37E+00	-1.89E-03	-1.30E-01	-9.39E-03	-1.14E-02	-7.20E-03	-1.10E-02	-6.60E+00
264	372941	755539	Offsite Worker	7.04E-01	9.10E-01	-6.92E-01	2.63E+00	6.43E-01	-1.79E-01	2.76E-01	6.32E-02	-1.92E+00	-1.75E+00	-1.86E-03	-1.30E-01	-9.26E-03	-1.12E-02	-7.10E-03	-1.08E-02	-6.51E+00
265	372941	755442	Offsite Worker	-2.57E-01	4.12E-01	-7.64E-01	-3.71E-02	2.85E-01	-1.98E-01	1.29E-01	1.13E-02	-1.64E+00	-1.43E+00	-2.42E-03	-1.65E-01	-1.20E-02	-1.45E-02	-9.19E-03	-1.40E-02	-8.43E+00
266	372913	755342	Offsite Worker	-3.06E-01	3.67E-01	-1.12E+00	-2.35E-01	2.42E-01	-1.92E-01	1.15E-01	-7.16E-03	-2.14E+00	-1.91E+00	-3.67E-03	-2.54E-01	-1.84E-02	-2.20E-02	-1.40E-02	-2.13E-02	-1.28E+01
267	372817	755346	Offsite Worker	-5.19E-01	2.61E-01	-1.54E+00	-8.65E-01	1.55E-01	-1.98E-01	8.41E-02	-3.44E-02	-2.73E+00	-2.45E+00	-4.60E-03	-3.19E-01	-2.31E-02	-2.76E-02	-1.75E-02	-2.67E-02	-1.60E+01
268	372720	755349	Offsite Worker	-2.27E-01	4.4E-01	-2.08E+00	-1.08E-01	2.49E-01	-1.93E-01	1.29E-01	-4.07E-02	-3.67E+00	-3.37E+00	-6.99E-03	-4.81E-01	-3.53E-02	-4.19E-02	-2.66E-02	-4.05E-02	-2.44E+01
269	372624	755352	Offsite Worker	4.48E-01	7.74E-01	-2.75E+00	1.71E+00	4.88E-01	-1.83E-01	2.35E-01	-3.13E-02	-4.95E+00	-4.64E+00	-1.01E-02	-6.99E-01	-5.12E-02	-6.07E-02	-3.85E-02	-5.87E-02	-3.53E+01
270	372527	755349	Offsite Worker	5.63E-01	8.22E-01	-2.84E+00	2.01E+00	5.19E-01	-1.77E-01	2.49E-01	-3.02E-02	-5.13E+00	-4.81E+00	-7.00E-03	-4.89E-01	-3.54E-02	-4.20E-02	-2.66E-02	-4.06E-02	-2.44E+01
271	372431	755353	Offsite Worker	1.10E-01	5.68E-01	-2.41E+00	7.71E-01	3.50E-01	-1.79E-01	1.74E-01	-3.84E-02	-4.28E+00	-3.98E+00	-6.36E-03	-4.41E-01	-3.21E-02	-3.82E-02	-2.42E-02	-3.69E-02	-2.22E+01
272	372334	755356	Offsite Worker	-2.40E-01	3.89E-01	-2.01E+00	-1.53E-01	2.33E-01	-1.87E-01	1.21E-01	-4.03E-02	-3.53E+00	-3.24E+00	-6.31E-03	-4.41E-01	-3.19E-02	-3.78E-02	-2.40E-02	-3.66E-02	-2.20E+01
273	372237	755359	Offsite Worker	2.12E-01	6.10E-01	-2.12E+00	1.07E+00	3.88E-01	-1.73E-01	1.86E-01	-2.26E-02	-3.85E+00	-3.58E+00	-6.28E-03	-4.42E-01	-3.18E-02	-3.77E-02	-2.39E-02	-3.64E-02	-2.20E+01
274	372141	755362	Offsite Worker	1.77E-01	5.93E-01	-1.43E+00	1.06E+00	3.94E-01	-1.74E-01	1.80E-01	3.20E-03	-2.74E+00	-2.53E+00	-1.13E-02	-7.95E-01	-5.76E-02	-6.80E-02	-4.31E-02	-6.57E-02	-3.96E+01
275	372044	755366	Offsite Worker	6.38E-01	8.64E-01	-1.05E+00	2.42E+00	5.99E-01	-1.76E-01	2.61E-01	4.50E-02	-2.37E+00	-2.19E+00	-1.12E-02	-7.89E-01	-5.71E-02	-6.74E-02	-4.28E-02	-6.52E-02	-3.93E+01
276	371948	755369	Offsite Worker	5.54E-01	8.59E-01	-5.76E-01	2.28E+00	6.10E-01	-1.91E-01	2.61E-01	6.31E-02	-1.68E+00	-1.51E+00	-6.03E-03	-4.24E-01	-3.05E-02	-3.62E-02	-2.30E-02	-3.50E-02	-2.11E+01
277	371851	755372	Offsite Worker	-7.02E-01	3.51E-01	-1.86E+00	-1.14E+00	2.14E-01	-2.66E-01	1.13E-01	-3.78E-02	-3.34E+00	-2.98E+00	-4.82E-03	-3.38E-01	-2.43E-02	-2.89E-02	-1.84E-02	-2.80E-02	-1.69E+01
278	371755	755375	Offsite Worker	-1.63E+00	-8.52E-03	-3.54E+00	-3.70E+00	-8.88E-02	-3.28E-01	7.07E-03	-1.39E-01	-5.62E+00	-5.11E+00	-4.91E-03	-3.42E-01	-2.47E-02	-2.94E-02	-1.87E-02	-2.85E-02	-1.71E+01
279	371658	755378	Offsite Worker	-1.99E+00	-1.56E-01	-4.80E+00	-4.77E+00	-2.29E-01	-3.49E-01	-3.63E-02	-2.04E-01	-7.45E+00	-6.83E+00	-4.83E-03	-3.35E-01	-2.42E-02	-2.90E-02	-1.84E-02	-2.80E-02	-1.69E+01
280	371562	755382	Offsite Worker	-1.94E+00	-1.51E-01	-3.61E+00	-4.55E+00	-1.92E-01	-3.40E-01	-3.44E-02	-1.56E-01	-5.65E+00	-5.11E+00	-3.99E-03	-2.77E-01	-2.00E-02	-2.40E-02	-1.52E-02	-2.32E-02	-1.39E+01
281	371465	755385	Offsite Worker	-5.16E-01	5.26E-01	-2.50E+00	-5.78E-01	3.24E-01	-2.91E-01	1.66E-01	-4.56E-02	-4.48E+00	-4.06E+00	-3.09E-03	-2.15E-01	-1.55E-02	-1.85E-02	-1.18E-02	-1.79E-02	-1.08E+01
282	371368	755388	Offsite Worker	1.06E+00	1.28E+00	1.64E+00	3.77E+00	8.84E-01	-2.37E-01	3.87E-01	6.24E-02	-3.74E+00	-3.44E+00	-2.45E-03	-1.72E-01	-1.23E-02	-1.47E-02	-9.35E-03	-1.42E-02	-8.57E+00
283	371272	755391	Offsite Worker	2.91E+00	2.29E+00	1.28E+00	9.28E+00	1.69E+00	-2.19E-01	6.85E-01	2.78E-01	1.86E-02	3.99E-02	-2.16E-03	-1.59E-01	-1.08E-02	-1.29E-02	-8.27E-03	-1.25E-02	-7.59E+00
284	371175	755395	Offsite Worker	2.69E+00	2.25E+00	1.27E+00	8.79E+00	1.66E+00	-2.48E-01	6.74E-01	2.74E-01	6.57E-02	9.72E-02	-2.26E-03	-1.67E-01	-1.13E-02	-1.36E-02	-8.68E-03	-1.31E-02	-7.96E+00
285	371079	755398	Offsite Worker	1.38E+00	1.51E+00	-7.87E-01	4.88E+00	1.07E+00	-2.53E-01	4.54E-01	1.20E-01	-2.51E+00	-2.31E+00	-2.23E-03	-1.61E-01	-1.11E-02	-1.34E-02	-8.53E-03	-1.29E-02	-7.82E+00
286	371042	755478	Offsite Worker	1.67E-01	8.40E-01	-1.06E+00	1.44E+00	5.87E-01	-2.63E-01	2.57E-01	4.29E-02	-2.41E+00	-2.16E+00	-2.38E-03	-1.76E-01	-1.20E-02	-1.43E-02	-9.14E-03	-1.38E-02	-8.39E+00
287	371009	755538	Offsite Worker	3.86E-01	9.25E-01	-1.96E-01	2.09E+00	6.71E-01	-2.48E-01	2.82E-01	8.50E-02	-1.17E+00	-9.85E-01	-2.36E-03	-1.84E-01	-1.20E				

Table 1C-2.1
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde ($\mu\text{g}/\text{m}^3$)	acrolein ($\mu\text{g}/\text{m}^3$)	benzene ($\mu\text{g}/\text{m}^3$)	formaldehyde ($\mu\text{g}/\text{m}^3$)	methyl alcohol ($\mu\text{g}/\text{m}^3$)	methyl ethyl ketone ($\mu\text{g}/\text{m}^3$)	phenol (carboic acid) ($\mu\text{g}/\text{m}^3$)	styrene ($\mu\text{g}/\text{m}^3$)	toluene ($\mu\text{g}/\text{m}^3$)	xylene, total ($\mu\text{g}/\text{m}^3$)	arsenic ($\mu\text{g}/\text{m}^3$)	chlorine ($\mu\text{g}/\text{m}^3$)	copper ($\mu\text{g}/\text{m}^3$)	mercury ($\mu\text{g}/\text{m}^3$)	nickel ($\mu\text{g}/\text{m}^3$)	vanadium ($\mu\text{g}/\text{m}^3$)	sulfates ($\mu\text{g}/\text{m}^3$)
309	369052	755442	Offsite Worker	2.19E+00	2.22E+00	3.30E-01	7.67E+00	1.62E+00	-3.41E-01	6.69E-01	2.34E-01	-1.46E+00	-1.27E+00	-1.50E-03	-8.97E-02	-7.16E-03	-9.02E-03	-5.62E-03	-8.72E-03	-5.15E+00
320	368035	755402	Offsite Worker	3.24E+00	2.51E+00	1.20E+00	1.04E+01	1.84E+00	-2.30E-01	7.50E-01	2.97E-01	-2.73E-01	-2.47E-01	-1.52E-03	-1.08E-01	-7.50E-03	-9.11E-03	-5.80E-03	-8.81E-03	-5.32E+00
321	367960	755389	Offsite Worker	3.03E+00	2.38E+00	1.15E+00	9.85E+00	1.75E+00	-2.27E-01	7.12E-01	2.82E-01	-2.60E-01	-2.24E-01	-1.53E-03	-1.10E-01	-7.58E-03	-9.19E-03	-5.85E-03	-8.88E-03	-5.37E+00
322	367863	755390	Offsite Worker	2.63E+00	2.20E+00	1.17E+00	8.82E+00	1.62E+00	-2.43E-01	6.59E-01	2.64E-01	-1.04E-01	-4.97E-02	-1.44E-03	-1.08E-01	-7.16E-03	-8.64E-03	-5.54E-03	-8.35E-03	-5.08E+00
323	367766	755392	Offsite Worker	2.24E+00	1.97E+00	1.22E+00	7.77E+00	1.46E+00	-2.42E-01	5.93E-01	2.45E-01	1.61E-01	-1.71E-01	-1.24E-03	-9.26E-02	-6.15E-03	-7.44E-03	-4.77E-03	-7.19E-03	-4.37E+00
324	367669	755393	Offsite Worker	1.62E+00	1.66E+00	6.16E-01	6.04E+00	1.22E+00	-2.57E-01	5.00E-01	1.90E-01	-5.35E-01	-4.13E-01	-9.80E-04	-7.39E-02	-4.83E-03	-5.88E-03	-3.77E-03	-5.68E-03	-3.46E+00
325	367572	755394	Offsite Worker	1.13E+00	1.37E+00	1.18E-02	4.62E+00	1.00E+00	-2.56E-01	4.16E-01	1.38E-01	-1.24E+00	-1.07E+00	-8.34E-04	-6.09E-02	-4.04E-03	-5.01E-03	-3.20E-03	-4.84E-03	-2.93E+00
326	367475	755395	Offsite Worker	1.08E+00	1.30E+00	-2.75E-01	4.42E+00	9.37E-01	-2.40E-01	3.92E-01	1.19E-01	-1.60E+00	-1.42E+00	-9.34E-04	-6.41E-02	-4.53E-03	-5.60E-03	-3.55E-03	-5.42E-03	-3.25E+00
327	370400	756850	On-Site Occupational	-3.83E+00	1.77E+00	-6.24E+00	-5.59E+00	1.15E+00	-1.40E+00	5.57E-01	-6.25E-02	-1.13E+01	-9.97E+00	-4.25E-03	-3.21E-01	-2.14E-02	-2.55E-02	-1.64E-02	-2.46E-02	-1.50E+01
1	367379	755396	Recreational	1.17E+00	1.38E+00	-2.96E-01	4.76E+00	9.97E-01	-2.51E-01	4.18E-01	1.26E-01	-1.69E+00	-1.51E+00	-9.27E-04	-6.34E-02	-4.49E-03	-5.56E-03	-3.52E-03	-5.37E-03	-3.23E+00
2	367340	755485	Recreational	1.13E+00	1.40E+00	1.24E-01	4.86E+00	1.02E+00	-2.64E-01	4.23E-01	1.44E-01	-1.08E+00	-5.29E-02	-3.64E-03	-5.29E-02	-4.94E-03	-4.55E-03	-2.88E-03	-4.39E-03	-2.65E+00
3	367301	755573	Recreational	1.17E+00	1.33E+00	-4.51E-01	4.92E+00	9.54E-01	-2.33E-01	4.02E-01	1.15E-01	-1.90E+00	-1.71E+00	-8.24E-04	-6.07E-02	-4.00E-03	-4.94E-03	-3.16E-03	-4.78E-03	-2.90E+00
4	367263	755661	Recreational	1.94E+00	1.71E+00	-4.52E-01	7.21E+00	1.23E+00	-2.13E-01	5.15E-01	1.53E-01	-2.20E+00	-2.04E+00	-1.07E-03	-7.96E-02	-5.28E-03	-6.43E-03	-4.12E-03	-6.22E-03	-3.78E+00
5	367224	755749	Recreational	2.25E+00	1.94E+00	2.06E-01	8.40E+00	1.41E+00	-2.29E-01	5.82E-01	2.01E-01	-1.38E+00	-1.26E+00	-6.82E-02	-4.75E-02	-4.75E-03	-5.86E-03	-3.72E-03	-5.66E-03	-3.41E+00
6	367186	755838	Recreational	2.65E+00	2.14E+00	1.27E+00	9.75E+00	1.59E+00	-2.19E-01	6.43E-01	2.63E-01	9.40E-02	1.31E-01	-8.17E-04	-6.18E-02	-3.96E-03	-4.90E-03	-3.14E-03	-4.74E-03	-2.88E+00
7	367147	755926	Recreational	3.07E+00	2.36E+00	1.70E+00	1.10E+01	1.75E+00	-2.11E-01	7.07E-01	3.02E-01	6.23E-01	6.00E-01	-4.80E-04	-3.09E-02	-2.12E-03	-2.88E-03	-1.81E-03	-2.78E-03	-1.66E+00
8	367109	756014	Recreational	2.95E+00	2.26E+00	1.53E+00	1.05E+01	1.67E+00	-1.99E-01	6.75E-01	2.85E-01	4.56E-01	4.39E-01	-6.77E-04	-4.42E-02	-3.09E-03	-4.06E-03	-2.56E-03	-3.93E-03	-2.35E+00
9	367070	756103	Recreational	3.87E+00	2.65E+00	2.35E+00	1.29E+01	1.98E+00	-1.52E-01	7.91E-01	3.56E-01	1.40E+00	1.29E+00	-1.03E-03	-7.08E-02	-4.94E-03	-6.19E-03	-3.92E-03	-5.99E-03	-3.60E+00
10	367032	756191	Recreational	3.65E+00	2.54E+00	2.61E+00	1.21E+01	1.91E+00	-1.58E-01	7.59E-01	3.55E-01	1.88E+00	1.76E+00	-9.43E-04	-6.49E-02	-4.53E-03	-5.66E-03	-3.58E-03	-5.47E-03	-3.29E+00
11	366993	756279	Recreational	3.05E+00	2.25E+00	2.30E+00	1.03E+01	1.69E+00	-1.76E-01	6.73E-01	3.14E-01	1.59E+00	1.53E+00	-1.23E-03	-8.69E-02	-6.02E-03	-7.36E-03	-4.68E-03	-7.11E-03	-4.29E+00
12	366954	756367	Recreational	2.92E+00	2.18E+00	2.10E+00	9.77E+00	1.63E+00	-1.77E-01	6.53E-01	2.99E-01	1.32E+00	1.28E+00	-1.28E-03	-9.14E-02	-6.31E-03	-7.67E-03	-4.88E-03	-7.41E-03	-4.48E+00
13	366916	756456	Recreational	2.29E+00	1.79E+00	1.70E+00	7.81E+00	1.34E+00	-1.69E-01	5.38E-01	2.45E-01	1.03E+00	1.02E+00	-9.76E-04	-6.73E-02	-4.73E-03	-5.86E-03	-3.71E-03	-5.66E-03	-3.40E+00
14	366877	756544	Recreational	2.65E+00	2.02E+00	1.11E+00	8.71E+00	1.49E+00	-1.77E-01	6.05E-01	2.44E-01	-6.26E-02	-3.45E-02	-8.10E-04	-5.46E-02	-3.90E-03	-4.86E-03	-3.07E-03	-4.70E-03	-3.22E+00
15	366839	756632	Recreational	2.20E+00	1.80E+00	4.80E-01	7.39E+00	1.31E+00	-1.89E-01	5.40E-01	1.98E-01	-8.91E-01	-7.61E-01	-8.97E-04	-6.03E-02	-4.31E-03	-5.38E-03	-3.40E-03	-5.20E-03	-3.12E+00
16	366800	756720	Recreational	1.98E+00	1.68E+00	4.78E-01	6.72E+00	1.23E+00	-1.92E-01	5.05E-01	1.86E-01	-7.69E-01	-6.74E-01	-7.99E-04	-5.37E-02	-3.84E-03	-4.80E-03	-3.03E-03	-4.64E-03	-2.78E+00
17	366762	756809	Recreational	2.17E+00	1.72E+00	1.01E+00	7.20E+00	1.28E+00	-1.70E-01	5.18E-01	2.11E-01	2.90E-02	6.75E-02	-6.23E-04	-4.24E-02	-2.96E-03	-3.74E-03	-2.37E-03	-3.62E-03	-2.17E+00
18	366723	756897	Recreational	2.04E+00	1.67E+00	1.30E+00	6.87E+00	1.25E+00	-1.78E-01	5.02E-01	2.18E-01	5.51E-01	5.62E-01	-7.34E-04	-4.93E-02	-3.48E-03	-4.40E-03	-2.78E-03	-4.26E-03	-2.55E+00
19	366685	756985	Recreational	1.69E+00	1.50E+00	8.46E-01	5.84E+00	1.11E+00	-1.88E-01	4.52E-01	1.83E-01	-4.47E-02	1.97E-02	-7.70E-04	-5.20E-02	-3.68E-03	-4.62E-03	-2.92E-03	-4.47E-03	-2.68E+00
20	366646	757074	Recreational	1.37E+00	1.32E+00	3.29E-01	4.83E+00	9.67E-01	-1.89E-01	3.98E-01	1.44E-01	-7.26E-01	-6.08E-01	-8.04E-04	-5.59E-02	-3.88E-03	-4.82E-03	-3.06E-03	-4.66E-03	-2.80E+00
21	366607	757162	Recreational	1.37E+00	1.25E+00	1.75E-01	4.69E+00	9.10E-01	-1.63E-01	3.76E-01	1.31E-01	-8.86E-01	-7.77E-01	-8.18E-04	-6.01E-02	-4.00E-03	-4.91E-03	-3.14E-03	-4.75E-03	-2.88E+00
22	366569	757250	Recreational	1.52E+00	1.24E+00	5.97E-02	4.97E+00	9.02E-01	-1.31E-01	3.73E-01	1.26E-01	-1.02E+00	-9.37E-01	-8.75E-04	-5.82E-02	-4.21E-03	-5.25E-03	-3.31E-03	-5.08E-03	-3.04E+00
23	366530	757338	Recreational	1.33E+00	1.16E+00	-1.13E-01	4.42E+00	8.37E-01	-1.39E-01	3.49E-01	1.11E-01	-1.23E+00	-1.13E+00	-8.12E-04	-5.48E-02	-3.90E-03	-4.87E-03	-3.08E-03	-4.71E-03	-2.82E+00
24	366492	757427	Recreational	1.27E+00	1.15E+00	1.33E-01	4.27E+00	8.36E-01	-1.49E-01	3.46E-01	1.19E-01	-8.57E-01	-7.57E-01	-7.28E-04	-4.89E-02	-3.49E-03	-4.37E-03	-2.76E-03	-4.22E-03	-2.53E+00
25	366453	757515	Recreational	1.26E+00	1.14E+00	3.72E-01	4.25E+00	8.37E-01	-1.48E-01	3.44E-01	1.28E-01	-4.76E-01	-3.95E-01	-7.53E-04	-5.25E-02	-3.65E-03	-4.52E-03	-2.87E-03	-4.37E-03	-2.63E+00
26	366415	757603	Recreational	1.23E+00	1.12E+00	4.14E-01	4.16E+00	8.25E-01	-1.47E-01	3.38E-01	1.28E-01	-4.00E-01	-3.20E-01	-7.90E-04	-5.63E-02	-3.84E-03	-4.74E-03	-3.02E-03	-4.58E-03	-2.77E+00
27	366376	757692	Recreational	1.25E+00	1.15E+00	4.17E-01	4.24E+00	8.49E-01	-1.55E-01	3.48E-01	1.31E-01	-4.13E-01	-3.33E-01	-7.72E-04	-5.49E-02	-3.73E-03	-4.63E-03	-2.95E-03	-4.48E-03	-2.70E+00
84	369336	758100	Recreational	4.04E+00	2.91E+00	2.09E+00	1.27E+01	2.16E+00	-2.11E-01	8.71E-01	3.72E-01	7.81E-01	7.18E-01	-1.73E-03	-1.22E-01	-8.45E-03	-1.04E-02	-6.60E-03	-1.00E-02	-6.05E+00
85	369269	758170	Recreational	5.12E+00	3.49E+00	2.82E+00	1.57E+01	2.59E+00	-1.95E-01	1.04E+00	4.58E-01	1.45E+00	1.31E+00	-1.79E-03	-1.26E-01	-8.78E-03	-1.08E-02	-6.83E-03	-1.04E-02	-6.26E+00
86	369202	758239	Recreational	5.08E+00	3.47E+00	2.73E+00	1.56E+01	2.58E+00	-1.97E-01	1.04E+00	4.53E-01	1.32E+00	1.19E+00	-1.84E-03	-1.30E-01	-9.10E-03	-1.11E-02	-7.03E-03	-1.07E-02	-6.44E+00
87	369264	758285	Recreational	4.17E+00	2.96E+00	2.34E+00	1.30E+01	2.20E+00	-2.00E-01	8.83E-01	3.86E-01	1.15E+00	1.05E+00	-1.30E-03	-9.18E-02	-6.28E-03	-7.78E-03	-4.95E-03	-7.52E-03	-5.44E+00
88	369326	758330	Recreational	3.74E+00	2.67E+00	1.86E+00	1.17E+01	1.98E+00	-1.86E-01	7.98E-01	3.39E-01	6.59E-01	5.86E-01	-1.55E-03	-1.09E-01	-7.58E-03	-9.29E-03	-5.90E-03	-8.98E-03	-5.41E+00
89	369389	758376	Recreational	3.09E+00	2.29E+00	1.29E+00	9.73E+00	1.69E+00	-1.82E-01	6.83E-01	2.78E-01	1.01E-01	1.36E-02	-1.48E-03	-1.04E-01	-7.27E-03	-8.88E-03	-5.64E-03	-8.59E-03	-5.18E+00
90	369389	758462	Recreational	2.56E+00	2.00E+00	9.87E-01	8.20E+00	1.47E+00	-1.86E-01	5.97E-01	2.38E-01	-1.48E-01	7.58E-01	-1.31E-03	-9.23E-02	-6.40E-03	-7.87E-03	-5.00E-03	-7.60E-03	-4.58E+00
91	369389	758548	Recreational	2.09E+00	1.74E+00	7.17E-01	6.84E+00	1.28E+00	-1.91E-01	5.21E-01	2.02E-01	-3.72E-01	-3.26E-01	-1.30E-03	-9.04E-02	-6.33E-03	-7.80E-03	-4.94E-03	-7.54E-03	-4.54E+00
28	366338	757780	Residential	1.35E+00	1.20E+00	5.85E-01	4.52E+00													

Table 1C-2.1
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m ³)	acrolein (µg/m ³)	benzene (µg/m ³)	formaldehyde (µg/m ³)	methyl alcohol (µg/m ³)	methyl ethyl ketone (µg/m ³)	phenol (carboic acid) (µg/m ³)	styrene (µg/m ³)	toluene (µg/m ³)	xylene, total (µg/m ³)	arsenic (µg/m ³)	chlorine (µg/m ³)	copper (µg/m ³)	mercury (µg/m ³)	nickel (µg/m ³)	vanadium (µg/m ³)	sulfates (µg/m ³)
40	367192	757916	Residential	2.57E+00	1.94E+00	1.04E+00	8.08E+00	1.43E+00	-1.65E-01	5.82E-01	2.34E-01	-1.06E-01	-7.59E-02	-1.20E-03	-8.71E-02	-5.89E-03	-7.19E-03	-4.59E-03	-6.95E-03	-4.21E+00
41	367264	757916	Residential	2.71E+00	2.02E+00	1.19E+00	8.49E+00	1.49E+00	-1.64E-01	6.04E-01	2.47E-01	7.13E-02	8.46E-02	-1.25E-03	-9.02E-02	-6.12E-03	-7.48E-03	-4.77E-03	-7.24E-03	-4.38E+00
42	367335	757916	Residential	2.84E+00	2.10E+00	1.36E+00	8.89E+00	1.55E+00	-1.65E-01	6.28E-01	2.62E-01	7.21E-01	6.28E-02	-1.25E-03	-9.03E-02	-6.09E-03	-7.49E-03	-4.77E-03	-7.24E-03	-4.38E+00
43	367343	757966	Residential	3.05E+00	2.22E+00	1.76E+00	9.53E+00	1.65E+00	-1.64E-01	6.63E-01	2.90E-01	8.19E-01	7.75E-01	-1.10E-03	-8.06E-02	-5.32E-03	-6.58E-03	-4.21E-03	-6.37E-03	-3.86E+00
44	367404	757995	Residential	3.16E+00	2.30E+00	1.94E+00	9.88E+00	1.72E+00	-1.73E-01	6.88E-01	3.05E-01	1.02E+00	9.66E-01	-1.05E-03	-7.68E-02	-5.07E-03	-6.32E-03	-4.03E-03	-6.10E-03	-3.70E+00
45	367465	758024	Residential	3.21E+00	2.38E+00	1.80E+00	1.01E+01	1.77E+00	-1.89E-01	7.12E-01	3.07E-01	7.23E-01	6.96E-01	-1.13E-03	-8.23E-02	-5.43E-03	-6.76E-03	-4.32E-03	-6.53E-03	-3.96E+00
55	367673	758189	Residential	2.97E+00	2.27E+00	1.00E+00	9.34E+00	1.67E+00	-2.01E-01	6.81E-01	2.65E-01	-4.15E-01	-3.76E-01	-1.13E-03	-7.86E-02	-5.43E-03	-6.76E-03	-4.29E-03	-6.53E-03	-3.93E+00
59	367816	758096	Residential	3.19E+00	2.42E+00	1.15E+00	1.00E+01	1.78E+00	-2.09E-01	7.26E-01	2.86E-01	-2.94E-01	-2.94E-01	-1.20E-03	-8.40E-02	-5.77E-03	-7.20E-03	-4.57E-03	-6.96E-03	-4.19E+00
60	367898	758066	Residential	3.24E+00	2.49E+00	1.26E+00	1.02E+01	1.83E+00	-2.23E-01	7.45E-01	2.97E-01	-2.06E-01	-1.73E-01	-1.18E-03	-8.39E-02	-5.68E-03	-7.09E-03	-4.51E-03	-6.86E-03	-4.14E+00
61	367980	758035	Residential	3.33E+00	2.58E+00	1.35E+00	1.06E+01	1.90E+00	-2.37E-01	7.73E-01	3.10E-01	-1.51E-01	-1.17E-01	-1.17E-03	-8.40E-02	-5.60E-03	-7.01E-03	-4.47E-03	-6.78E-03	-4.10E+00
62	368062	758005	Residential	3.48E+00	2.71E+00	1.39E+00	1.11E+01	2.00E+00	-2.53E-01	8.12E-01	3.25E-01	-1.86E-01	-1.50E-01	-1.23E-03	-8.73E-02	-5.85E-03	-7.62E-03	-4.68E-03	-7.11E-03	-4.29E+00
63	368144	757975	Residential	3.78E+00	2.93E+00	1.31E+00	1.20E+01	2.15E+00	-2.69E-01	8.78E-01	3.43E-01	-4.93E-01	-4.46E-01	-1.26E-03	-8.93E-02	-5.97E-03	-7.56E-03	-4.81E-03	-7.31E-03	-4.41E+00
64	368226	757945	Residential	4.08E+00	3.16E+00	1.22E+00	1.30E+01	2.32E+00	-2.89E-01	9.46E-01	3.62E-01	-8.19E-01	-7.59E-01	-1.26E-03	-8.98E-02	-5.94E-03	-7.57E-03	-4.82E-03	-7.32E-03	-4.42E+00
65	368301	757943	Residential	5.47E+00	4.00E+00	1.91E+00	1.70E+01	2.94E+00	-3.05E-01	1.20E+00	4.73E-01	-4.26E-01	-4.31E-01	-1.08E-03	-7.80E-02	-5.01E-03	-6.50E-03	-4.14E-03	-6.28E-03	-3.80E+00
66	368376	757941	Residential	8.29E+00	5.64E+00	3.18E+00	2.52E+01	4.15E+00	-3.11E-01	1.68E+00	6.85E-01	2.30E-01	8.95E-02	-1.01E-03	-7.48E-02	-4.69E-03	-6.07E-03	-3.88E-03	-5.87E-03	-3.56E+00
67	368452	757940	Residential	1.01E+01	6.59E+00	4.23E+00	3.03E+01	4.87E+00	-2.90E-01	1.96E+00	8.22E-01	1.11E+00	8.43E-01	-9.65E-04	-7.34E-02	-4.51E-03	-5.79E-03	-3.72E-03	-5.60E-03	-3.41E+00
68	368527	757938	Residential	1.04E+01	6.85E+00	3.95E+00	3.13E+01	5.05E+00	-3.18E-01	2.04E+00	8.36E-01	4.37E-01	2.13E-01	-1.05E-03	-7.94E-02	-4.98E-03	-6.31E-03	-4.04E-03	-6.10E-03	-3.71E+00
69	368563	757880	Residential	1.17E+01	7.60E+00	4.65E+00	3.51E+01	5.61E+00	-3.21E-01	2.26E+00	9.38E-01	9.14E-01	6.19E-01	-1.00E-03	-7.57E-02	-4.68E-03	-6.00E-03	-3.85E-03	-5.80E-03	-3.53E+00
70	368636	757926	Residential	1.04E+01	6.88E+00	3.51E+00	3.14E+01	5.06E+00	-3.20E-01	2.05E+00	8.22E-01	-2.74E-01	-4.63E-01	-1.59E-03	-1.12E-01	-7.62E-03	-9.52E-03	-6.05E-03	-9.21E-03	-5.55E+00
71	368709	757971	Residential	6.37E+00	4.55E+00	-7.30E-01	1.94E+01	3.26E+00	-3.17E-01	1.36E+00	4.23E-01	-4.95E+00	-4.77E+00	-3.59E-03	-2.57E-01	-1.79E-02	-2.15E-02	-1.37E-02	-2.08E-02	-1.26E+01
72	368782	758017	Residential	3.92E+00	3.14E+00	-1.83E-01	1.23E+01	2.22E+00	-3.15E-01	9.40E-01	2.40E-01	-5.52E+00	-5.22E+00	-4.02E-03	-2.86E-01	-2.02E-02	-2.41E-02	-1.53E-02	-2.33E-02	-1.41E+01
73	368855	758062	Residential	4.01E+00	3.12E+00	1.99E-01	1.27E+01	2.26E+00	-2.88E-01	9.33E-01	3.18E-01	-2.33E+00	-2.21E+00	-2.29E-03	-1.62E-01	-1.14E-02	-1.37E-02	-8.73E-03	-1.23E-02	-8.01E+00
74	368928	758108	Residential	3.04E+00	2.45E+00	5.30E-01	1.92E+00	1.79E+00	-2.51E-01	7.35E-01	2.65E-01	-1.27E+00	-1.18E+00	-1.51E-03	-1.13E-01	-7.56E-03	-9.07E-03	-5.81E-03	-8.77E-03	-5.33E+00
75	369001	758153	Residential	3.86E+00	2.86E+00	1.37E+00	1.21E+01	2.10E+00	-2.28E-01	8.55E-01	3.39E-01	-2.95E-01	-1.54E-03	-1.10E-01	-7.62E-03	-9.22E-03	-5.88E-03	-8.92E-03	-5.39E-03	-5.99E+00
76	369058	758074	Residential	4.21E+00	3.11E+00	1.38E+00	1.32E+01	2.29E+00	-2.46E-01	9.31E-01	3.64E-01	-4.86E-01	-4.78E-01	-1.67E-03	-1.20E-01	-8.28E-03	-1.00E-02	-6.38E-03	-9.69E-03	-5.86E+00
77	369102	758103	Residential	4.76E+00	3.44E+00	8.85E-01	1.48E+01	2.51E+00	-2.52E-01	1.03E+00	3.77E-01	-1.51E+00	-1.48E+00	-1.76E-03	-1.22E-01	-8.65E-03	-1.05E-02	-6.68E-03	-1.02E-02	-6.13E+00
78	369145	758132	Residential	5.37E+00	3.76E+00	1.31E+00	1.65E+01	2.74E+00	-2.40E-01	1.12E+00	4.25E-01	-1.11E+00	-1.12E+00	-2.18E-03	-1.55E-01	-1.08E-02	-1.31E-02	-8.33E-03	-1.27E-02	-7.64E+00
79	369200	758065	Residential	5.74E+00	4.00E+00	1.99E+00	1.77E+01	2.94E+00	-2.48E-01	1.19E+00	4.75E-01	-2.58E-01	-3.19E-01	-2.37E-03	-1.72E-01	-1.18E-02	-1.42E-02	-9.05E-03	-1.37E-02	-8.30E+00
80	369255	757998	Residential	5.70E+00	4.01E+00	2.64E+00	1.77E+01	2.96E+00	-2.62E-01	1.20E+00	5.03E-01	7.27E-01	6.32E-01	-2.53E-03	-1.87E-01	-1.27E-02	-1.52E-02	-9.71E-03	-1.47E-02	-8.91E+00
81	369310	757931	Residential	5.79E+00	4.08E+00	2.51E+00	1.80E+01	3.01E+00	-2.67E-01	1.22E+00	5.04E-01	4.70E-01	3.86E-01	-2.76E-03	-2.04E-01	-1.38E-02	-1.65E-02	-1.06E-02	-1.60E-02	-9.70E+00
82	369356	757981	Residential	4.85E+00	3.37E+00	2.29E+00	1.50E+01	2.49E+00	-2.08E-01	1.01E+00	4.25E-01	7.18E-01	6.25E-01	-2.32E-03	-1.64E-01	-1.15E-02	-1.39E-02	-8.86E-03	-1.35E-02	-8.13E+00
83	369403	758031	Residential	4.42E+00	3.08E+00	2.47E+00	1.38E+01	2.29E+00	-1.93E-01	9.19E-01	4.04E-01	1.15E+00	1.02E+00	-1.51E-03	-1.07E-02	-1.30E-02	-8.23E-03	-1.25E-02	-1.52E-02	-7.55E+00
92	369389	758634	Residential	1.77E+00	1.56E+00	3.78E-01	5.90E+00	1.14E+00	-1.92E-01	4.68E-01	1.70E-01	-7.53E-01	-6.77E-01	-1.44E-03	-1.01E-01	-7.05E-03	-8.66E-03	-5.49E-03	-8.37E-03	-5.04E+00
93	369469	758630	Residential	4.85E-01	9.30E-01	-1.31E+00	2.21E+00	6.42E-01	-2.30E-01	2.82E-01	4.14E-02	-2.88E+00	-2.63E+00	-3.16E-03	-2.23E-01	-1.58E-02	-1.89E-02	-1.20E-02	-1.83E-02	-1.10E+01
94	369549	758625	Residential	1.32E-01	7.41E-01	-2.12E+00	1.15E+00	4.85E-01	-2.36E-01	2.27E-01	-9.29E-03	-3.99E+00	-3.67E+00	-3.54E-03	-2.49E-01	-1.78E-02	-2.13E-02	-1.35E-02	-2.06E-02	-1.24E+01
95	369630	758621	Residential	3.21E-01	8.46E-01	-1.73E+00	1.71E+00	5.71E-01	-2.34E-01	2.58E-01	1.63E-02	-3.49E+00	-3.20E+00	-2.25E-03	-1.54E-01	-1.12E-02	-1.35E-02	-8.53E-03	-1.30E-02	-7.82E+00
96	369710	758617	Residential	1.67E+00	1.50E+00	-8.34E-02	5.56E+00	1.08E+00	-1.91E-01	4.50E-01	1.46E-01	-1.44E+00	-1.32E+00	-1.79E-03	-1.25E-01	-8.92E-03	-1.08E-02	-6.83E-03	-1.04E-02	-6.27E+00
97	369791	758613	Residential	2.53E+00	1.91E+00	6.58E-01	7.98E+00	1.39E+00	-1.61E-01	5.70E-01	2.16E-01	-5.63E-01	-5.48E-01	-2.35E-03	-1.63E-01	-1.18E-02	-1.41E-02	-8.93E-03	-1.36E-02	-8.19E+00
98	369791	758514	Residential	2.85E+00	2.10E+00	8.53E-01	8.93E+00	1.54E+00	-1.63E-01	6.27E-01	2.42E-01	-4.35E-01	-4.31E-01	-2.26E-03	-1.57E-01	-1.13E-02	-1.36E-02	-8.61E-03	-1.31E-02	-7.90E+00
99	369791	758416	Residential	3.23E+00	2.31E+00	1.12E+00	1.00E+01	1.70E+00	-1.63E-01	6.91E-01	2.74E-01	-2.01E-01	-2.22E-01	-2.12E-03	-1.48E-01	-1.06E-02	-1.27E-02	-8.08E-03	-1.23E-02	-7.42E+00
100	369791	758318	Residential	3.89E+00	2.67E+00	1.12E+00	1.19E+01	1.96E+00	-1.57E-01	7.96E-01	3.10E-01	-4.07E-01	-5.10E-01	-2.08E-03	-1.45E-01	-1.04E-02	-1.25E-02	-7.93E-03	-1.21E-02	-7.27E+00
101	369881	758318	Residential	2.07E+00	1.75E+00	-2.59E-02	6.79E+00	1.27E+00	-2.00E-01	5.26E-01	1.74E-01	-1.54E+00	-1.43E+00	-2.74E-03	-1.95E-01	-1.38E-02	-1.64E-02	-1.04E-02	-1.59E-02	-9.58E+00
102	369972	758318	Residential	-1.33E-01	6.27E-01	-1.29E+00	5.90E-01	4.26E-01	-2.48E-01	1.93E-01	1.20E-02	-2.63E+00	-2.36E+00	-2.74E-03	-1.93E-01	-1.38E-02	-1.64E-02	-1.04E-02	-1.59E-02	-9.58E+00
103	370062	758318	Residential	4.41E-02	7.70E-01	-1.58E+00	1.13E+00	5.21E-01	-2.63E-01	2.36E-01	1.50E-02	-3.17E+00	-2.88E+00	-1.97E-03	-1.44E-01	-9.90E-03	-1.18E-02	-7.53E-03	-1.14E-02	-6.91E+00
104	370153	758318	Residential	1.98E-01	8.57E-01	-1.77E+00	1.54E+00	5.79E-01	-2.63E-01	2.62E-01	1.63E-02	-3.54E+00	-3.23E+00	-1.87E-03	-1.31E-01	-9.34E-03	-1.12E-02	-7.11E-03	-1.08E-02	-6.52E+00
105	370243																			

Table 1C-2.1
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde ($\mu\text{g}/\text{m}^3$)	acrolein ($\mu\text{g}/\text{m}^3$)	benzene ($\mu\text{g}/\text{m}^3$)	formaldehyde ($\mu\text{g}/\text{m}^3$)	methyl alcohol ($\mu\text{g}/\text{m}^3$)	methyl ethyl ketone ($\mu\text{g}/\text{m}^3$)	phenol (carboic acid) ($\mu\text{g}/\text{m}^3$)	styrene ($\mu\text{g}/\text{m}^3$)	toluene ($\mu\text{g}/\text{m}^3$)	xylene, total ($\mu\text{g}/\text{m}^3$)	arsenic ($\mu\text{g}/\text{m}^3$)	chlorine ($\mu\text{g}/\text{m}^3$)	copper ($\mu\text{g}/\text{m}^3$)	mercury ($\mu\text{g}/\text{m}^3$)	nickel ($\mu\text{g}/\text{m}^3$)	vanadium ($\mu\text{g}/\text{m}^3$)	sulfates ($\mu\text{g}/\text{m}^3$)
134	371481	758178	Residential	2.90E+00	2.24E+00	1.30E+00	9.31E+00	1.65E+00	-2.02E-01	6.69E-01	2.74E-01	1.35E-01	1.28E-01	-1.58E-03	-7.60E-02	-7.48E-03	-9.45E-03	-5.76E-03	-9.14E-03	-5.28E+00
135	371559	758230	Residential	2.71E+00	2.10E+00	1.33E+00	8.73E+00	1.55E+00	-1.91E-01	6.28E-01	2.61E-01	3.04E-01	2.88E-01	-1.49E-03	-6.34E-02	-7.03E-03	-8.97E-03	-5.40E-03	-8.67E-03	-4.96E+00
136	371637	758281	Residential	2.56E+00	2.08E+00	1.42E+00	8.39E+00	1.54E+00	-2.14E-01	6.22E-01	2.63E-01	4.29E-01	4.33E-01	-1.26E-03	-5.22E-02	-5.80E-03	-7.57E-03	-4.55E-03	-7.32E-03	-4.18E+00
137	371715	758333	Residential	2.36E+00	1.93E+00	1.44E+00	7.76E+00	1.44E+00	-2.05E-01	5.79E-01	2.49E-01	5.88E-01	5.86E-01	-1.15E-03	-3.75E-02	-5.18E-03	-6.90E-03	-4.07E-03	-6.67E-03	-3.74E+00
138	371769	758261	Residential	1.79E+00	1.61E+00	1.63E+00	6.17E+00	1.21E+00	-2.04E-01	4.82E-01	2.25E-01	1.16E+00	1.15E+00	-1.08E-03	-2.44E-02	-4.75E-03	-6.46E-03	-3.73E-03	-6.24E-03	-3.43E+00
139	371822	758189	Residential	8.38E-01	1.54E+00	5.76E-01	4.03E+00	1.14E+00	-3.73E-01	4.66E-01	1.78E-01	-4.33E-01	-2.61E-01	-8.42E-04	-4.85E-02	-3.86E-03	-5.05E-03	-3.13E-03	-4.88E-03	-2.87E+00
140	371894	758160	Residential	-1.71E-01	1.55E+00	-5.91E-01	1.87E+00	1.12E+00	-5.81E-01	4.74E-01	1.34E-01	-2.25E+00	-1.87E+00	-1.08E-03	-1.20E-01	-5.50E-03	-6.45E-03	-4.42E-03	-6.24E-03	-4.05E+00
141	371894	758081	Residential	-4.57E-01	1.64E+00	-1.51E+00	1.31E+00	1.17E+00	-6.71E-01	5.03E-01	1.07E-01	-3.77E+00	-3.26E+00	-1.30E-03	-1.51E-01	-6.74E-03	-7.79E-03	-5.38E-03	-7.53E-03	-4.92E+00
142	371959	758074	Residential	-2.19E-02	1.76E+00	-1.23E+00	2.38E+00	1.26E+00	-6.26E-01	5.39E-01	1.30E-01	-3.48E+00	-3.00E+00	-1.45E-03	-1.47E-01	-7.40E-03	-8.70E-03	-5.85E-03	-8.41E-03	-5.36E+00
155	372055	757363	Residential	6.99E-01	1.75E+00	-3.30E-01	4.18E+00	1.27E+00	-4.74E-01	5.31E-01	1.62E-01	-2.09E+00	-1.76E+00	-1.04E-03	-9.11E-02	-5.07E-03	-6.24E-03	-4.09E-03	-6.03E-03	-3.75E+00
297	370239	755427	Residential	5.05E+00	3.54E+00	2.98E+00	1.56E+01	2.64E+00	-2.28E-01	1.06E+00	4.70E-01	1.62E+00	1.49E+00	-4.22E-03	-3.01E-01	-1.62E-02	-2.53E-02	-1.61E-02	-2.45E-02	-1.48E+01
298	370138	755427	Residential	6.05E+00	3.94E+00	4.49E+00	1.84E+01	2.96E+00	-1.66E-01	1.17E+00	5.69E-01	3.69E+00	3.39E+00	-4.01E-03	-2.83E-01	-1.97E-02	-2.41E-02	-1.53E-02	-2.33E-02	-1.40E+01
299	370040	755427	Residential	2.43E-02	8.20E-01	-2.45E+00	9.89E-01	5.34E-01	-2.85E-01	2.52E-01	-1.43E-02	-4.59E+00	-4.21E+00	-3.35E-03	-2.36E-01	-1.65E-02	-2.01E-02	-1.28E-02	-1.94E-02	-1.17E+01
300	369941	755426	Residential	1.52E+00	1.57E+00	-1.16E+00	5.23E+00	1.11E+00	-2.46E-01	4.72E-01	1.10E-01	-3.18E+00	-2.94E+00	-3.75E-03	-2.67E-01	-1.88E-02	-2.25E-02	-1.43E-02	-2.18E-02	-1.31E+01
301	369842	755426	Residential	2.08E+00	1.89E+00	-4.67E-01	6.89E+00	1.36E+00	-2.48E-01	5.68E-01	1.70E-01	-2.35E+00	-2.18E+00	-2.75E-03	-1.96E-01	-1.36E-02	-1.65E-02	-1.05E-02	-1.59E-02	-9.63E+00
304	369544	755434	Residential	-4.53E-03	9.02E-01	-2.78E+00	1.03E+00	5.85E-01	-3.20E-01	2.77E-01	-1.90E-02	-5.17E+00	-4.74E+00	-3.27E-03	-2.33E-01	-1.64E-02	-1.96E-02	-1.25E-02	-1.90E-02	-1.15E+01
305	369445	755434	Residential	1.84E+00	1.86E+00	-9.02E-01	6.33E+00	1.32E+00	-2.84E-01	5.60E-01	1.50E-01	-3.05E+00	-2.81E+00	-2.87E-03	-2.01E-01	-1.43E-02	-1.72E-02	-1.09E-02	-1.66E-02	-1.00E+01
306	369346	755434	Residential	2.87E+00	2.44E+00	-2.01E-01	9.31E+00	1.76E+00	-2.79E-01	7.31E-01	2.34E-01	-2.43E+00	-2.26E+00	-3.39E-03	-2.35E-01	-1.69E-02	-2.04E-02	-1.29E-02	-1.97E-02	-1.18E+01
310	368953	755441	Residential	1.81E+00	2.04E+00	-2.25E-01	6.60E+00	1.47E+00	-3.53E-01	6.15E-01	1.95E-01	-2.18E+00	-1.93E+00	-1.48E-03	-9.37E-02	-7.11E-03	-8.90E-03	-5.58E-03	-8.60E-03	-5.12E+00
311	368854	755441	Residential	1.68E+00	1.86E+00	-5.25E-01	6.05E+00	1.33E+00	-3.16E-01	5.60E-01	1.65E-01	-2.46E+00	-2.23E+00	-2.11E-03	-1.42E-01	-1.03E-02	-1.26E-02	-7.98E-03	-1.22E-02	-7.32E+00
312	368755	755441	Residential	1.82E+00	1.82E+00	-5.06E-01	6.29E+00	1.30E+00	-2.74E-01	5.47E-01	1.61E-01	-2.38E+00	-2.17E+00	-2.09E-03	-1.49E-01	-1.04E-02	-1.26E-02	-7.99E-03	-1.22E-02	-7.33E+00
313	368657	755441	Residential	2.38E+00	2.10E+00	5.13E-03	7.89E+00	1.52E+00	-2.59E-01	6.29E-01	2.09E-01	-1.80E+00	-1.65E+00	-1.71E-03	-1.20E-01	-8.37E-03	-1.02E-02	-6.50E-03	-9.90E-03	-5.96E+00
314	368558	755440	Residential	2.87E+00	2.34E+00	1.92E-01	9.27E+00	1.70E+00	-2.46E-01	7.01E-01	2.41E-01	-1.69E+00	-1.58E+00	-1.45E-03	-1.02E-01	-7.07E-03	-8.69E-03	-5.52E-03	-8.40E-03	-5.06E+00
315	368459	755440	Residential	3.28E+00	2.57E+00	1.06E+00	1.05E+01	1.88E+00	-2.42E-01	7.69E-01	2.97E-01	-5.42E-01	-5.01E-01	-1.15E-03	-8.28E-02	-5.54E-03	-6.87E-03	-4.38E-03	-6.64E-03	-4.02E+00
316	368360	755440	Residential	3.80E+00	2.82E+00	1.46E+00	1.20E+01	2.08E+00	-2.27E-01	8.43E-01	3.38E-01	-1.17E-01	-1.24E-01	-8.44E-04	-5.96E-02	-4.00E-03	-5.06E-03	-3.22E-03	-4.90E-03	-2.95E+00
317	368262	755439	Residential	3.87E+00	2.86E+00	1.50E+00	1.22E+01	2.11E+00	-2.28E-01	8.55E-01	3.44E-01	-8.27E-02	-9.48E-02	-1.19E-03	-8.72E-02	-5.82E-03	-7.17E-03	-4.57E-03	-6.93E-03	-4.19E+00
318	368186	755427	Residential	3.66E+00	2.76E+00	1.38E+00	1.17E+01	2.03E+00	-2.33E-01	8.25E-01	3.29E-01	-1.85E-01	-1.82E-01	-1.35E-03	-9.74E-02	-6.61E-03	-8.09E-03	-5.16E-03	-7.82E-03	-4.73E+00
319	368111	755414	Residential	3.45E+00	2.64E+00	1.28E+00	1.11E+01	1.94E+00	-2.33E-01	7.90E-01	3.13E-01	-2.47E-01	-2.31E-01	-1.45E-03	-1.05E-01	-7.16E-03	-8.72E-03	-5.56E-03	-8.43E-03	-5.10E+00
46	367504	757948	School	3.31E+00	2.41E+00	2.04E+00	1.04E+01	1.80E+00	-1.80E-01	7.20E-01	3.20E-01	1.08E+00	1.03E+00	-1.08E-03	-7.86E-02	-5.18E-03	-6.47E-03	-4.13E-03	-6.25E-03	-3.79E+00
47	367544	757873	School	3.13E+00	2.34E+00	1.60E+00	9.86E+00	1.73E+00	-1.91E-01	7.00E-01	2.95E-01	4.39E-01	4.31E-01	-1.22E-03	-9.05E-02	-5.91E-03	-7.30E-03	-4.67E-03	-7.05E-03	-4.28E+00
48	367587	757909	School	3.42E+00	2.50E+00	2.06E+00	1.07E+01	1.86E+00	-1.90E-01	7.47E-01	3.30E-01	1.05E+00	9.91E-01	-1.15E-03	-8.44E-02	-5.53E-03	-6.89E-03	-4.40E-03	-6.66E-03	-4.04E+00
49	367623	757866	School	3.29E+00	2.45E+00	1.79E+00	1.04E+01	1.82E+00	-2.01E-01	7.35E-01	3.14E-01	6.36E-01	6.16E-01	-1.22E-03	-9.04E-02	-5.88E-03	-7.29E-03	-4.67E-03	-7.05E-03	-4.28E+00
50	367694	757866	School	3.51E+00	2.60E+00	2.04E+00	1.11E+01	1.94E+00	-2.08E-01	7.78E-01	3.39E-01	9.14E-01	8.74E-01	-1.22E-03	-9.02E-02	-5.89E-03	-7.34E-03	-4.69E-03	-7.09E-03	-4.30E+00
51	367716	757927	School	3.89E+00	2.83E+00	1.95E+00	1.21E+01	2.10E+00	-2.12E-01	8.47E-01	3.58E-01	5.87E-01	5.53E-01	-1.25E-03	-9.15E-02	-6.00E-03	-7.48E-03	-4.78E-03	-7.23E-03	-4.38E+00
52	367737	757988	School	4.01E+00	2.90E+00	1.51E+00	1.24E+01	2.13E+00	-2.12E-01	8.67E-01	3.47E-01	-1.60E-01	-1.61E-01	-1.24E-03	-8.78E-02	-5.95E-03	-7.45E-03	-4.73E-03	-7.20E-03	-4.34E+00
53	367727	758067	School	3.56E+00	2.63E+00	9.59E-01	1.11E+01	1.92E+00	-2.06E-01	7.86E-01	2.99E-01	-7.86E-01	-7.45E-01	-1.19E-03	-8.32E-02	-5.69E-03	-7.13E-03	-4.52E-03	-6.89E-03	-4.15E+00
54	367716	758146	School	3.10E+00	2.34E+00	1.02E+00	9.71E+00	1.72E+00	-1.98E-01	7.00E-01	2.73E-01	-4.53E-01	-4.16E-01	-1.19E-03	-8.23E-02	-5.72E-03	-7.12E-03	-4.51E-03	-6.88E-03	-4.14E+00
56	367723	758254	School	2.70E+00	2.20E+00	1.23E+00	8.71E+00	1.62E+00	-2.29E-01	6.59E-01	2.67E-01	-4.59E-03	3.46E-02	-8.70E-04	-6.13E-02	-4.10E-03	-5.22E-03	-3.32E-03	-5.05E-03	-3.04E+00
57	367784	758221	School	2.79E+00	2.27E+00	1.22E+00	9.01E+00	1.68E+00	-2.36E-01	6.81E-01	2.74E-01	-8.07E-02	-3.79E-02	-9.08E-04	-6.37E-02	-4.28E-03	-5.45E-03	-3.46E-03	-5.27E-03	-3.17E+00
58	367845	758189	School	2.93E+00	2.36E+00	1.18E+00	9.41E+00	1.74E+00	-2.42E-01	7.08E-01	2.82E-01	-2.08E-01	-1.61E-01	-9.45E-04	-6.60E-02	-4.44E-03	-5.67E-03	-3.60E-03	-5.48E-03	-3.30E+00
106	370247	758254	School	2.10E-01	9.45E-01	-2.00E+00	1.69E+00	6.36E-01	-2.91E-01	2.88E-01	1.61E-02	-3.94E+00	-3.61E+00	-2.78E-03	-1.93E-01	-1.39E-02	-1.67E-02	-1.06E-02	-1.61E-02	-9.69E+00
107	370250	758189	School	6.53E-02	9.09E-01	-2.23E+00	1.34E+00	6.05E-01	-3.08E-01	2.78E-01	3.45E-03	-4.28E+00	-3.92E+00	-3.11E-03	-2.16E-01	-1.56E-02	-1.86E-02	-1.18E-02	-1.80E-02	-1.08E+01
108	370308	758196	School	2.33E-01	9.68E-01	-1.78E+00	1.81E+00	6.59E-01	-2.95E-01	2.95E-01	2.73E-02	-3.62E+00	-3.30E+00	-3.90E-03	-2.72E-01	-1.97E-02	-2.34E-02	-1.49E-02	-2.26E-02	-1.36E+01
109	370361	758236	School	-1.83E-01	7.40E-01	-2.59E+00	5.38E-01	4.73E-01	-2.99E-01	2.28E-01	-2.76E-02	-4.73E+00	-4.33E+00	-4.11E-03	-2.88E-01	-2.07E-02	-2.47E-02	-1.57E-02	-2.39E-02	-1.44E+01
110	370415	758275	School	-6.62E-01	5.61E-01	-3.21E+00	-7.66E-01	3.29E-01	-3.33E-01	1.7										

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acetaldehyde	acrolein	acrolein	benzene	benzene	formaldehyde	formaldehyde	methyl alcohol	methyl alcohol	methyl ethyl ketone	methyl ethyl ketone	phenol (carbolic acid)	phenol (carbolic acid)	styrene	styrene	toluene	toluene	
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)
			CalEPA Acute REL		470		2.5		1300		55		28000		13000		5800		21000		37000	
117	370814	758243	Offsite Worker	1.21E+00	2.57E-03	1.56E+00	6.23E-01	-7.60E-01	-5.85E-04	4.71E+00	8.56E-02	1.11E+00	3.97E-05	-3.05E-01	-2.35E-05	4.71E-01	8.12E-05	1.26E-01	5.98E-06	-2.57E+00	-6.94E-05	
118	370810	758153	Offsite Worker	1.35E+00	2.88E-03	1.66E+00	6.65E-01	-6.41E-01	-4.93E-04	5.17E+00	9.41E-02	1.19E+00	4.25E-05	-3.13E-01	-2.41E-05	5.02E-01	8.65E-05	1.41E-01	6.70E-06	-2.47E+00	-6.67E-05	
119	370807	758063	Offsite Worker	2.02E+00	4.30E-03	2.06E+00	8.26E-01	-7.24E-02	-5.57E-05	7.19E+00	1.31E-01	1.50E+00	5.34E-05	-3.20E-01	-2.46E-05	6.21E-01	1.07E-04	2.03E-01	9.68E-06	-1.91E+00	-5.16E-05	
120	370803	757974	Offsite Worker	2.43E+00	5.18E-03	2.37E+00	9.49E-01	-2.89E-01	-2.22E-04	8.47E+00	1.54E-01	1.71E+00	6.11E-05	-3.45E-01	-2.65E-05	7.13E-01	1.23E-04	2.25E-01	1.07E-05	-2.49E+00	-6.74E-05	
121	370835	757927	Offsite Worker	3.20E+00	6.80E-03	2.68E+00	1.07E+00	-5.43E-01	-4.18E-04	1.04E+01	1.90E-01	1.92E+00	6.87E-05	-2.99E-01	-2.30E-05	8.03E-01	1.38E-04	2.45E-01	1.17E-05	-3.12E+00	-8.43E-05	
122	370868	757880	Offsite Worker	2.97E+00	6.33E-03	2.60E+00	1.04E+00	1.57E-01	1.21E-04	9.98E+00	1.81E-01	1.89E+00	6.73E-05	-3.16E-01	-2.43E-05	7.79E-01	1.34E-04	2.65E-01	1.26E-05	-1.95E+00	-5.27E-05	
123	370921	757884	Offsite Worker	3.06E+00	6.51E-03	2.62E+00	1.05E+00	-1.17E-02	-9.03E-06	1.01E+01	1.84E-01	1.90E+00	6.78E-05	-3.06E-01	-2.36E-05	7.87E-01	1.36E-04	2.60E-01	1.24E-05	-2.30E+00	-6.22E-05	
124	370975	757887	Offsite Worker	3.37E+00	7.17E-03	2.88E+00	1.15E+00	5.72E-01	4.40E-04	1.12E+01	2.03E-01	2.10E+00	7.49E-05	-3.34E-01	-2.57E-05	8.63E-01	1.49E-04	3.09E-01	1.47E-05	-1.56E+00	-4.20E-05	
125	370975	757794	Offsite Worker	4.62E+00	9.82E-03	3.71E+00	1.48E+00	2.11E+00	1.62E-03	1.51E+01	2.74E-01	2.74E+00	9.78E-05	-3.74E-01	-2.88E-05	1.11E+00	1.91E-04	4.53E-01	2.16E-05	1.55E-01	4.18E-06	
126	371026	757794	Offsite Worker	5.09E+00	1.08E-02	4.01E+00	1.60E+00	1.64E+00	1.26E-03	1.64E+01	2.98E-01	2.94E+00	1.05E-04	-3.86E-01	-2.97E-05	1.20E+00	2.07E-04	4.64E-01	2.21E-05	-8.40E-01	-2.27E-05	
127	371076	757877	Offsite Worker	4.58E+00	9.74E-03	3.57E+00	1.43E+00	1.85E+00	1.42E-03	1.47E+01	2.68E-01	2.63E+00	9.40E-05	-3.34E-01	-2.57E-05	1.07E+00	1.84E-04	4.28E-01	2.04E-05	-1.64E-01	-4.42E-06	
128	371126	757959	Offsite Worker	4.26E+00	9.07E-03	3.27E+00	1.31E+00	2.02E+00	1.55E-03	1.36E+01	2.48E-01	2.42E+00	8.63E-05	-2.90E-01	-2.23E-05	9.78E-01	1.69E-04	4.05E-01	1.93E-05	3.55E-01	9.60E-06	
129	371119	758031	Offsite Worker	3.34E+00	7.12E-03	2.78E+00	1.11E+00	1.44E+00	1.11E-03	1.10E+01	2.00E-01	2.05E+00	7.32E-05	-3.03E-01	-2.33E-05	8.32E-01	1.43E-04	3.34E-01	1.59E-05	-1.23E-01	-3.31E-06	
143	371953	757977	Offsite Worker	5.41E-02	1.15E-04	1.85E+00	7.40E-01	-6.60E-01	-5.08E-04	2.72E+00	4.95E-02	1.34E+00	4.78E-05	-6.41E-01	-4.93E-05	5.65E-01	9.74E-05	1.61E-01	7.67E-06	-2.67E+00	-7.22E-05	
144	371948	757880	Offsite Worker	1.31E+00	2.78E-03	1.93E+00	7.73E-01	-4.30E-01	-3.31E-04	5.43E+00	9.87E-02	1.40E+00	4.98E-05	-4.17E-01	-3.21E-05	5.84E-01	1.01E-04	1.77E-01	8.42E-06	-2.35E+00	-6.35E-05	
145	371943	757783	Offsite Worker	6.98E-02	1.48E-04	1.66E+00	6.66E-01	-2.77E+00	-2.13E-03	2.31E+00	4.20E-02	1.14E+00	4.08E-05	-5.73E-01	-4.41E-05	5.07E-01	8.75E-05	5.89E-02	2.80E-06	-5.73E+00	-1.55E-04	
146	372016	757794	Offsite Worker	2.38E-01	5.07E-04	1.55E+00	6.18E-01	-2.70E+00	-2.08E-03	2.48E+00	4.52E-02	1.06E+00	3.77E-05	-4.97E-01	-3.82E-05	4.71E-01	8.12E-05	4.91E-02	2.34E-06	-5.55E+00	-1.50E-04	
147	372102	757791	Offsite Worker	1.48E-01	3.15E-04	1.37E+00	5.49E-01	-2.62E+00	-2.02E-03	2.06E+00	3.75E-02	9.34E-01	3.33E-05	-4.55E-01	-3.50E-05	4.19E-01	7.23E-05	3.48E-02	1.66E-06	-5.31E+00	-1.44E-04	
148	372178	757760	Offsite Worker	2.84E-02	6.05E-05	1.35E+00	5.40E-01	-2.10E+00	-1.61E-03	1.84E+00	3.35E-02	9.33E-01	3.33E-05	-4.71E-01	-3.62E-05	4.13E-01	7.12E-05	5.34E-02	2.55E-06	-4.48E+00	-1.21E-04	
149	372177	757670	Offsite Worker	5.26E-01	1.12E-03	1.54E+00	6.15E-01	-1.07E+00	-8.23E-04	3.25E+00	5.90E-02	1.09E+00	3.91E-05	-4.36E-01	-3.35E-05	4.68E-01	8.07E-05	1.12E-01	5.35E-06	-3.05E+00	-8.25E-05	
150	372176	757579	Offsite Worker	1.73E-01	1.54E-03	1.73E+00	6.91E-01	-3.68E-01	-2.83E-04	4.02E+00	7.30E-02	1.25E+00	4.47E-05	-4.62E-01	-3.56E-05	5.25E-01	9.06E-05	1.59E-01	7.57E-06	-2.14E+00	-5.79E-05	
151	372174	757489	Offsite Worker	3.65E-01	7.78E-04	1.56E+00	6.23E-01	-6.93E-01	-5.33E-04	3.07E+00	5.57E-02	1.12E+00	4.00E-05	-4.75E-01	-3.66E-05	4.75E-01	8.19E-05	1.30E-01	6.17E-06	-2.48E+00	-6.71E-05	
152	372173	757398	Offsite Worker	1.34E+00	2.85E-03	1.86E+00	7.43E-01	1.71E-01	1.31E-04	5.62E+00	1.02E-01	1.36E+00	4.85E-05	-3.84E-01	-2.96E-05	5.62E-01	9.70E-05	1.93E-01	9.18E-06	-1.40E+00	-3.78E-05	
153	372171	757308	Offsite Worker	2.64E+00	5.61E-03	2.31E+00	9.24E-01	1.60E+00	1.23E-03	9.15E+00	1.66E-01	1.72E+00	6.13E-05	-2.81E-01	-2.16E-05	6.94E-01	1.20E-04	2.93E-01	1.40E-05	4.51E-01	1.22E-05	
154	372055	757309	Offsite Worker	1.88E+00	4.00E-03	2.17E+00	8.68E-01	5.36E-01	4.12E-04	7.34E+00	1.33E-01	1.59E+00	5.69E-05	-3.85E-01	-2.96E-05	6.56E-01	1.13E-04	2.38E-01	1.13E-05	-1.12E+00	-3.04E-05	
156	372055	757416	Offsite Worker	-9.46E-02	-2.01E-04	1.48E+00	5.93E-01	-7.59E-01	-5.84E-04	2.10E+00	3.81E-02	1.07E+00	3.81E-05	-5.41E-01	-4.16E-05	4.53E-01	7.82E-05	1.20E-01	5.71E-06	-2.51E+00	-6.79E-05	
157	371952	757442	Offsite Worker	9.00E-01	1.92E-03	1.96E+00	7.85E-01	-2.59E-01	-1.99E-04	4.84E+00	8.80E-02	1.42E+00	5.09E-05	-5.10E-01	-3.92E-05	5.95E-01	1.03E-04	1.87E-01	8.91E-06	-2.12E+00	-5.73E-05	
158	371950	757345	Offsite Worker	-2.13E-01	-4.54E-04	1.74E+00	6.94E-01	-1.42E+00	-1.09E-03	2.39E+00	4.35E-02	1.24E+00	4.41E-05	-6.55E-01	-5.04E-05	5.31E-01	9.16E-05	1.20E-01	5.71E-06	-3.74E+00	-1.01E-04	
159	371864	757344	Offsite Worker	-1.02E+00	-2.16E-03	1.63E+00	6.51E-01	-1.86E+00	-1.43E-03	6.11E-01	1.11E-02	1.15E+00	4.11E-05	-7.79E-01	-6.00E-05	5.02E-01	8.66E-05	9.30E-02	4.43E-06	-4.33E+00	-1.17E-04	
160	371790	757347	Offsite Worker	-7.98E-01	-1.70E-03	1.63E+00	6.52E-01	-1.31E+00	-1.01E-03	1.10E+00	2.01E-02	1.17E+00	4.17E-05	-7.36E-01	-5.66E-05	5.02E-01	8.66E-05	1.14E-01	5.45E-06	-3.50E+00	-9.47E-05	
161	371708	757356	Offsite Worker	7.89E-01	1.68E-03	2.06E+00	8.22E-01	-3.18E-01	-2.45E-04	4.99E+00	9.07E-02	1.49E+00	5.33E-05	-4.55E-01	-3.35E-05	6.24E-01	1.08E-04	1.94E-01	9.26E-06	-2.29E+00	-6.20E-05	
162	371615	757356	Offsite Worker	1.67E+00	3.55E-03	2.30E+00	9.20E-01	2.58E-01	1.98E-04	7.18E+00	1.31E-01	1.68E+00	6.00E-05	-4.74E-01	-3.65E-05	6.95E-01	1.20E-04	2.41E-01	1.15E-05	-1.60E+00	-4.31E-05	
163	371523	757356	Offsite Worker	2.21E+00	4.70E-03	2.57E+00	1.03E+00	7.49E-01	5.76E-04	8.71E+00	1.58E-01	1.89E+00	6.75E-05	-4.60E-01	-3.54E-05	7.75E-01	1.34E-04	2.87E-01	1.37E-05	-1.05E+00	-2.83E-05	
164	371430	757356	Offsite Worker	2.93E+00	6.24E-03	2.95E+00	1.18E+00	1.20E+00	9.25E-04	1.08E+01	1.96E-01	2.17E+00	7.76E-05	-4.48E-01	-3.45E-05	8.87E-01	1.53E-04	3.43E-01	1.63E-05	-6.40E-01	-1.73E-05	
165	371338	757356	Offsite Worker	3.16E+00	6.73E-03	3.18E+00	1.27E+00	1.10E+00	8.45E-04	1.15E+01	2.09E-01	2.33E+00	8.34E-05	-4.81E-01	-3.70E-05	9.55E-01	1.65E-04	3.61E-01	1.72E-05	-1.02E+00	-2.77E-05	
166	371245	757356	Offsite Worker	3.03E+00	6.44E-03	3.32E+00	1.33E+00	3.96E-01	3.04E-04	1.12E+01	2.04E-01	2.42E+00	8.65E-05	-5.59E-01	-4.30E-05	1.00E+00	1.72E-04	3.48E-01	1.66E-05	-2.25E+00	-6.08E-05	
167	371153	757356	Offsite Worker	2.96E+00	6.30E-03	3.42E+00	1.37E+00	-6.51E-01	-5.01E-04	1.11E+01	2.01E-01	2.46E+00	8.80E-05	-6.07E-01	-4.67E-05	1.03E+00	1.78E-04	3.16E-01	1.51E-05	-3.98E+00	-1.08E-04	
168	371061	757356	Offsite Worker	2.86E+00	6.08E-03	3.49E+00	1.40E+00	-1.56E+00	-1.20E-03	1.08E+01	1.97E-01	2.49E+00	8.90E-05	-6.53E-01	-5.02E-05	1.05E+00	1.81E-04	2.87E-01	1.37E-05	-5.47E+00	-1.48E-04	
169	371005	757357	Offsite Worker	2.51E+00	5.35E-03	3.41E+00	1.36E+00	-2.														

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acetaldehyde	acrolein	acrolein	benzene	benzene	formaldehyde	formaldehyde	methyl alcohol	methyl alcohol	methyl ethyl ketone	methyl ethyl ketone	phenol (carbolic acid)	phenol (carbolic acid)	styrene	styrene	toluene	toluene
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard
			CalEPA Acute REL	2.11E+00	4.48E-03	1.75E+00	7.00E-01	1.91E+00	1.47E-03	7.39E+00	1.34E-01	1.32E+00	4.72E-05	-1.91E-01	-1.47E-05	5.26E-01	9.07E-05	2.49E-01	1.19E-05	1.39E+00	3.76E-05
196	372651	757422	Offsite Worker	2.37E+00	5.04E-03	1.94E+00	7.76E-01	1.91E+00	1.47E-03	8.15E+00	1.48E-01	1.46E+00	5.20E-05	-2.05E-01	-1.57E-05	5.82E-01	1.00E-04	2.68E-01	1.28E-05	1.25E+00	3.38E-05
197	372676	757494	Offsite Worker	2.44E+00	5.18E-03	1.98E+00	7.92E-01	1.28E+00	9.87E-04	8.24E+00	1.50E-01	1.47E+00	5.25E-05	-2.06E-01	-1.59E-05	5.95E-01	1.03E-04	2.48E-01	1.18E-05	2.53E-01	6.83E-06
198	372733	757645	Offsite Worker	1.89E+00	4.03E-03	1.86E+00	7.44E-01	5.83E-01	4.48E-04	6.86E+00	1.25E-01	1.36E+00	4.87E-05	-2.73E-01	-2.10E-05	5.59E-01	9.64E-05	2.09E-01	9.94E-06	-7.00E-01	-1.89E-05
200	372746	757702	Offsite Worker	1.47E+00	3.13E-03	1.73E+00	6.92E-01	1.15E-01	8.86E-05	5.73E+00	1.04E-01	1.26E+00	4.50E-05	-3.12E-01	-2.40E-05	5.22E-01	8.99E-05	1.78E-01	8.46E-06	-1.32E+00	-3.57E-05
201	372746	757768	Offsite Worker	9.04E-01	1.92E-03	1.54E+00	6.18E-01	-2.69E-01	-2.07E-04	4.15E+00	7.55E-02	1.12E+00	3.99E-05	-3.62E-01	-2.78E-05	4.68E-01	8.06E-05	1.44E-01	8.67E-06	-1.78E+00	-4.81E-05
202	372807	757781	Offsite Worker	1.06E+00	2.26E-03	1.57E+00	6.26E-01	-1.24E-01	-9.55E-05	4.56E+00	8.29E-02	1.14E+00	4.06E-05	-3.37E-01	-2.60E-05	4.74E-01	8.16E-05	1.52E-01	7.24E-06	-1.57E+00	-4.23E-05
203	372901	757782	Offsite Worker	1.44E+00	3.06E-03	1.62E+00	6.50E-01	2.70E-01	2.08E-04	5.79E+00	1.05E-01	1.19E+00	4.24E-05	-2.62E-01	-2.17E-05	4.89E-01	8.44E-05	1.73E-01	8.25E-06	-9.73E-01	-2.63E-05
204	372994	757783	Offsite Worker	1.77E+00	3.76E-03	1.69E+00	6.75E-01	6.23E-01	4.80E-04	6.65E+00	1.21E-01	1.24E+00	4.43E-05	-2.38E-01	-1.83E-05	5.07E-01	8.74E-05	1.93E-01	9.20E-06	-4.59E-01	-1.24E-05
205	373087	757783	Offsite Worker	2.05E+00	4.36E-03	1.73E+00	6.93E-01	9.90E-01	7.61E-04	7.37E+00	1.34E-01	1.28E+00	4.57E-05	-1.96E-01	-1.51E-05	5.19E-01	8.95E-05	2.12E-01	1.01E-05	7.78E-02	2.10E-06
206	373180	757784	Offsite Worker	2.33E+00	4.95E-03	1.79E+00	7.17E-01	1.22E+00	9.92E-04	8.03E+00	1.46E-01	1.33E+00	4.75E-05	-1.61E-01	-1.24E-05	5.36E-01	9.25E-05	2.27E-01	1.08E-05	3.80E-01	1.03E-05
207	373274	757785	Offsite Worker	2.39E+00	5.08E-03	1.75E+00	7.00E-01	1.28E+00	9.82E-04	8.07E+00	1.47E-01	1.30E+00	4.64E-05	-1.34E-01	-1.03E-05	5.23E-01	9.02E-05	2.24E-01	1.07E-05	4.91E-01	1.33E-05
208	373367	757786	Offsite Worker	2.15E+00	4.57E-03	1.60E+00	6.40E-01	1.25E+00	9.63E-04	7.31E+00	1.33E-01	1.19E+00	4.25E-05	-1.29E-01	-9.95E-06	4.78E-01	8.25E-05	2.08E-01	9.92E-06	5.71E-01	1.54E-05
209	373418	757742	Offsite Worker	2.33E+00	4.96E-03	1.67E+00	6.70E-01	2.26E+00	1.74E-03	7.77E+00	1.41E-01	1.27E+00	4.54E-05	-1.19E-01	-9.12E-06	5.01E-01	8.64E-05	2.56E-01	1.22E-05	2.06E+00	5.56E-05
210	373418	757653	Offsite Worker	2.78E+00	5.92E-03	1.86E+00	7.45E-01	2.81E+00	2.16E-03	9.04E+00	1.64E-01	1.42E+00	5.08E-05	-9.45E-02	-7.27E-06	5.56E-01	9.58E-05	2.96E-01	1.41E-05	2.78E+00	7.15E-05
211	373419	757564	Offsite Worker	2.36E+00	5.03E-03	1.64E+00	6.56E-01	1.41E+00	1.09E-03	7.73E+00	1.41E-01	1.22E+00	4.37E-05	-1.01E-01	-7.75E-06	4.90E-01	8.44E-05	2.19E-01	1.04E-05	8.23E-01	2.22E-05
212	373419	757475	Offsite Worker	1.19E+00	2.53E-03	1.02E+00	4.09E-01	3.55E-01	2.73E-04	4.34E+00	7.89E-02	7.51E-01	2.68E-05	-1.21E-01	-9.28E-06	3.08E-01	5.31E-05	1.16E-01	5.51E-06	-3.77E-01	-1.02E-05
213	373420	757386	Offsite Worker	1.16E+00	2.47E-03	1.02E+00	4.08E-01	3.78E-01	2.90E-04	4.27E+00	7.76E-02	7.50E-01	2.68E-05	-1.25E-01	-9.64E-06	3.07E-01	5.29E-05	1.16E-01	5.54E-06	-3.30E-01	-8.93E-06
214	373420	757297	Offsite Worker	1.31E+00	2.79E-03	1.11E+00	4.45E-01	3.60E-01	2.77E-04	4.66E+00	8.47E-02	8.16E-01	2.91E-05	-1.27E-01	-9.80E-06	3.35E-01	5.77E-05	1.25E-01	5.94E-06	-4.45E-01	-1.20E-05
215	373421	757207	Offsite Worker	1.48E+00	3.15E-03	1.19E+00	4.77E-01	3.32E-01	2.55E-04	5.02E+00	9.13E-02	8.72E-01	3.11E-05	-1.21E-01	-9.33E-06	3.58E-01	6.17E-05	1.32E-01	6.26E-06	-5.40E-01	-1.46E-05
216	373421	757118	Offsite Worker	1.12E+00	2.38E-03	1.11E+00	4.43E-01	-6.92E-02	-5.32E-05	3.92E+00	7.12E-02	8.04E-01	2.87E-05	-1.65E-01	-1.27E-05	3.35E-01	5.78E-05	1.07E-01	5.11E-06	-1.15E+00	-3.12E-05
217	373292	757117	Offsite Worker	1.55E+00	3.30E-03	1.35E+00	5.38E-01	1.95E-01	1.50E-04	5.43E+00	9.87E-02	9.81E-01	3.50E-05	-1.62E-01	-1.24E-05	4.05E-01	6.99E-05	1.41E-01	6.73E-06	-9.26E-01	-2.50E-05
218	373213	757118	Offsite Worker	1.90E+00	4.04E-03	1.54E+00	6.15E-01	4.62E-01	3.55E-04	6.71E+00	1.22E-01	1.13E+00	4.02E-05	-1.58E-01	-1.22E-05	4.62E-01	7.96E-05	1.71E-01	8.14E-06	-6.56E-01	-1.77E-05
219	373158	757066	Offsite Worker	1.90E+00	4.05E-03	1.59E+00	6.38E-01	3.90E-01	3.00E-04	6.58E+00	1.20E-01	1.17E+00	4.16E-05	-1.78E-01	-1.37E-05	4.79E-01	8.27E-05	1.74E-01	8.27E-06	-8.32E-01	-2.25E-05
220	373084	757026	Offsite Worker	1.85E+00	3.94E-03	1.61E+00	6.45E-01	3.96E-01	3.04E-04	6.52E+00	1.19E-01	1.18E+00	4.21E-05	-1.95E-01	-1.50E-05	4.85E-01	8.37E-05	1.76E-01	8.37E-06	-8.48E-01	-2.29E-05
221	373009	757011	Offsite Worker	2.23E+00	4.74E-03	1.84E+00	7.35E-01	6.47E-01	4.89E-04	7.57E+00	1.38E-01	1.35E+00	4.81E-05	-1.98E-01	-1.52E-05	5.52E-01	9.51E-05	2.08E-01	9.91E-06	-6.34E-01	-1.71E-05
222	372922	757009	Offsite Worker	2.68E+00	5.70E-03	2.07E+00	8.27E-01	1.08E+00	8.31E-04	8.90E+00	1.62E-01	1.52E+00	5.45E-05	-1.88E-01	-1.45E-05	6.20E-01	1.07E-04	2.48E-01	1.18E-05	-1.50E-01	-4.05E-06
223	372835	757007	Offsite Worker	2.62E+00	5.57E-03	2.07E+00	8.26E-01	8.92E-01	6.86E-04	8.79E+00	1.60E-01	1.52E+00	5.43E-05	-1.99E-01	-1.53E-05	6.20E-01	1.07E-04	2.40E-01	1.14E-05	-4.50E-01	-1.22E-05
224	372747	757006	Offsite Worker	2.20E+00	6.09E-03	2.20E+00	8.81E-01	1.84E+00	1.41E-03	9.64E+00	1.75E-01	1.64E+00	5.87E-05	-1.97E-01	-1.52E-05	6.60E-01	1.14E-04	2.91E-01	1.39E-05	8.98E-01	2.43E-05
225	372660	757004	Offsite Worker	5.32E+00	1.13E-02	3.48E+00	1.39E+00	6.15E+00	4.73E-03	1.71E+01	3.12E-01	2.68E+00	9.57E-05	-1.51E-01	-1.16E-05	1.04E+00	1.79E-04	5.88E-01	2.80E-05	6.57E+00	1.78E-04
226	372651	757063	Offsite Worker	5.78E+00	1.23E-02	3.66E+00	1.47E+00	8.99E+00	6.92E-03	1.87E+01	3.40E-01	2.89E+00	1.03E-04	-1.22E-01	-9.39E-06	1.09E+00	1.88E-04	7.18E-01	3.42E-05	1.08E+01	2.91E-04
227	372629	756931	Offsite Worker	4.13E+00	8.79E-03	2.85E+00	1.14E+00	3.40E+00	2.61E-03	1.31E+01	2.38E-01	2.15E+00	7.70E-05	-1.71E-01	-1.31E-05	8.54E-01	1.47E-04	4.17E-01	1.99E-05	2.78E+00	7.52E-05
228	372631	756857	Offsite Worker	4.24E+00	9.02E-03	2.87E+00	1.15E+00	3.39E+00	2.61E-03	1.32E+01	2.40E-01	2.17E+00	7.74E-05	-1.55E-01	-1.19E-05	8.59E-01	1.48E-04	4.19E-01	1.99E-05	2.75E+00	7.43E-05
229	372634	756783	Offsite Worker	3.44E+00	7.31E-03	2.43E+00	9.71E-01	2.66E+00	2.04E-03	1.08E+01	1.96E-01	1.83E+00	6.53E-05	-1.61E-01	-1.24E-05	7.27E-01	1.25E-04	3.45E-01	1.65E-05	1.95E+00	5.26E-05
230	372702	756778	Offsite Worker	3.12E+00	6.63E-03	2.27E+00	9.07E-01	2.25E+00	1.73E-03	9.86E+00	1.79E-01	1.70E+00	6.08E-05	-1.70E-01	-1.31E-05	6.80E-01	1.17E-04	3.14E-01	1.49E-05	1.44E+00	3.88E-05
231	372756	756775	Offsite Worker	2.72E+00	5.78E-03	2.04E+00	8.16E-01	2.01E+00	1.54E-03	8.69E+00	1.58E-01	1.53E+00	5.47E-05	-1.71E-01	-1.31E-05	6.13E-01	1.06E-04	2.82E-01	1.34E-05	1.25E+00	3.37E-05
232	372729	756712	Offsite Worker	2.75E+00	5.84E-03	2.05E+00	8.21E-01	2.76E+00	1.12E-03	8.81E+00	1.60E-01	1.56E+00	5.58E-05	-1.69E-01	-1.30E-05	6.17E-01	1.06E-04	3.12E-01	1.49E-05	2.36E+00	6.37E-05
233	372703	756650	Offsite Worker	2.92E+00	6.21E-03	2.18E+00	8.70E-01	2.41E+00	1.85E-03	9.29E+00	1.69E-01	1.64E+00	5.86E-05	-1.77E-01	-1.36E-05	6.53E-01	1.13E-04	3.11E-01	1.48E-05	1.74E+00	4.70E-05
234	372677	756588	Offsite Worker	3.37E+00	7.17E-03	2.41E+00	9.64E-01	2.94E+00	2.26E-03	1.06E+01	1.92E-01	1.82E+00	6.51E-05	-1.68E-01	-1.30E-05	7.23E-01	1.25E-04	3.55E-01	1.69E-05	2.37E+00	6.40E-05</

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acetaldehyde	acrolein	acrolein	benzene	benzene	formaldehyde	formaldehyde	methyl alcohol	methyl alcohol	methyl ethyl ketone	methyl ethyl ketone	phenol (carbolic acid)	phenol (carbolic acid)	styrene	styrene	toluene	toluene
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard
			CalEPA Acute REL		470		2.5		1300		55		28000		13000		5800		21000		37000
261	373007	755733	Offsite Worker	1.57E+00	3.34E-03	1.61E+00	6.44E-01	-3.30E-01	-2.54E-04	5.42E+00	9.85E-02	1.16E+00	4.14E-05	-2.51E-01	-1.93E-05	4.85E-01	8.36E-05	1.48E-01	7.04E-06	-1.90E+00	-5.15E-05
262	372941	755733	Offsite Worker	1.66E+00	3.54E-03	1.63E+00	6.51E-01	-4.19E-01	-3.23E-04	5.63E+00	1.02E-01	1.17E+00	4.17E-05	-2.37E-01	-1.83E-05	4.89E-01	8.43E-05	1.46E-01	6.94E-06	-2.06E+00	-5.56E-05
263	372941	755636	Offsite Worker	1.05E+00	2.24E-03	1.11E+00	4.44E-01	-3.21E-01	-2.47E-04	3.66E+00	6.65E-02	7.98E-01	2.85E-05	-1.79E-01	-1.38E-05	3.36E-01	5.79E-05	9.79E-02	4.66E-06	-1.52E+00	-4.12E-05
264	372941	755539	Offsite Worker	7.04E-01	1.50E-03	9.10E-01	3.64E-01	-6.96E-01	-5.36E-04	2.63E+00	4.78E-02	6.43E-01	2.30E-05	-1.79E-01	-1.38E-05	2.76E-01	4.75E-05	6.32E-02	3.01E-06	-1.92E+00	-5.20E-05
265	372941	755442	Offsite Worker	-2.57E-01	-5.47E-04	4.12E-01	1.65E-01	-5.88E-04	-3.71E-02	-5.88E-04	2.85E-01	1.02E-05	-1.98E-01	-1.52E-05	1.29E-01	2.22E-05	1.13E-02	5.40E-07	-1.64E+00	-4.43E-05	
266	372913	755342	Offsite Worker	-3.06E-01	-6.52E-04	3.67E-01	1.47E-01	-1.12E+00	-8.62E-04	-2.35E-01	-4.28E-03	2.42E-01	8.66E-06	-1.92E-01	-1.48E-05	1.15E-01	1.98E-05	-7.16E-03	-3.41E-07	-2.14E+00	-5.80E-05
267	372817	755346	Offsite Worker	-5.19E-01	-1.10E-03	2.61E-01	1.05E-01	-1.54E+00	-1.19E-03	-8.65E-01	-1.57E-02	1.55E-01	5.54E-06	-1.98E-01	-1.52E-05	8.41E-02	1.45E-05	-3.44E-02	-1.64E-06	-2.73E+00	-7.38E-05
268	372720	755349	Offsite Worker	-2.27E-01	-4.83E-04	4.14E-01	1.66E-01	-2.08E+00	-1.60E-03	-1.08E-01	-1.96E-03	2.49E-01	8.90E-06	-1.93E-01	-1.48E-05	1.29E-01	2.22E-05	-4.07E-02	-1.94E-06	-3.67E+00	-9.93E-05
269	372624	755352	Offsite Worker	4.48E-01	9.53E-04	7.74E-01	3.10E-01	-2.75E+00	-2.12E-03	1.71E+00	3.12E-02	4.88E-01	1.74E-05	-1.83E-01	-1.41E-05	2.35E-01	4.05E-05	-3.13E-02	-1.49E-06	-4.95E+00	-1.34E-04
270	372527	755349	Offsite Worker	5.63E-01	1.20E-03	8.22E-01	3.29E-01	-2.84E+00	-2.19E-03	2.01E+00	3.65E-02	5.19E-01	1.85E-05	-1.77E-01	-1.36E-05	2.49E-01	4.29E-05	-3.02E-02	-1.44E-06	-5.13E+00	-1.39E-04
271	372431	755353	Offsite Worker	1.10E-01	2.34E-04	5.68E-01	2.27E-01	-2.41E+00	-1.86E-03	7.71E-01	1.40E-02	3.50E-01	1.25E-05	-1.79E-01	-1.38E-05	1.74E-01	3.00E-05	-3.84E-02	-1.83E-06	-4.28E+00	-1.96E-04
272	372334	755356	Offsite Worker	-2.40E-01	-5.11E-04	3.89E-01	1.56E-01	-2.01E+00	-1.55E-03	-1.53E-01	-2.77E-03	2.33E-01	8.32E-06	-1.87E-01	-1.43E-05	1.21E-01	2.09E-05	-4.03E-02	-1.92E-06	-3.53E+00	-9.54E-05
273	372237	755359	Offsite Worker	2.12E-01	4.50E-04	6.10E-01	2.44E-01	-2.12E+00	-1.63E-03	1.07E+00	1.95E-02	3.88E-01	1.38E-05	-1.73E-01	-1.33E-05	1.86E-01	3.21E-05	-2.26E-02	-1.08E-06	-3.85E+00	-1.04E-04
274	372141	755362	Offsite Worker	1.77E-01	3.76E-04	5.93E-01	2.37E-01	-1.43E+00	-1.10E-03	1.06E+00	1.93E-02	3.94E-01	1.41E-05	-1.74E-01	-1.34E-05	1.80E-01	3.11E-05	3.20E-03	1.52E-07	-2.74E+00	-7.40E-05
275	372044	755366	Offsite Worker	6.38E-01	1.38E-03	8.64E-01	3.46E-01	-1.05E+00	-8.08E-04	2.42E+00	4.40E-02	5.99E-01	2.14E-05	-1.76E-01	-1.35E-05	2.61E-01	4.50E-05	4.50E-02	2.14E-06	-2.37E+00	-6.41E-05
276	371948	755369	Offsite Worker	5.54E-01	1.18E-03	8.59E-01	3.43E-01	-5.76E-01	-4.43E-04	2.28E+00	4.15E-02	6.10E-01	2.18E-05	-1.91E-01	-1.47E-05	2.61E-01	4.49E-05	6.31E-02	3.00E-06	-1.68E+00	-4.55E-05
277	371851	755372	Offsite Worker	-7.02E-01	-1.49E-03	3.51E-01	1.40E-01	-1.86E+00	-1.43E-03	-1.14E+00	-2.07E-02	2.14E-01	7.64E-06	-2.66E-01	-2.05E-05	1.13E-01	1.95E-05	-3.78E-02	-1.80E-06	-3.34E+00	-9.01E-05
278	371755	755375	Offsite Worker	-1.63E+00	-3.47E-03	-8.52E-03	-3.41E-03	-3.54E+00	-2.72E-03	-3.70E+00	-6.73E-02	-8.88E-02	-3.17E-06	-2.82E-01	-2.52E-05	7.07E-03	1.22E-06	-1.39E-01	-6.83E-06	-5.62E+00	-1.52E-04
279	371658	755378	Offsite Worker	-1.99E+00	-4.24E-03	-1.56E-01	-6.24E-02	-4.80E+00	-3.69E-03	-4.77E+00	-8.68E-02	-2.29E-01	-8.18E-06	-3.49E-01	-2.68E-05	-3.63E-02	-6.26E-06	-2.04E-01	-9.69E-06	-7.45E+00	-2.01E-04
280	371562	755382	Offsite Worker	-1.94E+00	-4.13E-03	-1.51E-01	-6.05E-02	-3.61E+00	-2.78E-03	-4.55E+00	-8.27E-02	-1.92E-01	-6.86E-06	-3.40E-01	-2.62E-05	-3.44E-02	-5.93E-06	-1.56E-01	-7.44E-06	-5.65E+00	-1.53E-04
281	371465	755385	Offsite Worker	-5.16E-01	-1.10E-03	5.26E-01	2.11E-01	-2.50E+00	-1.92E-03	-5.78E-01	-1.05E-02	3.24E-01	1.16E-05	-2.91E-01	-2.24E-05	1.66E-01	2.86E-05	-4.56E-02	-2.17E-06	-4.48E+00	-1.21E-04
282	371368	755388	Offsite Worker	1.06E+00	2.25E-03	1.28E+00	5.11E-01	-1.64E+00	-1.26E-03	3.77E+00	6.86E-02	8.84E-01	3.16E-05	-2.37E-01	-1.83E-05	3.67E-01	6.67E-05	6.24E-02	2.97E-06	-3.74E+00	-1.01E-04
283	371272	755391	Offsite Worker	2.91E+00	6.19E-03	2.29E+00	9.15E-01	1.28E+00	9.85E-04	9.28E+00	1.69E-01	1.69E+00	6.03E-05	-2.19E-01	-1.68E-05	6.85E-01	1.18E-04	2.78E-01	1.32E-05	1.86E-02	5.02E-07
284	371175	755395	Offsite Worker	2.69E+00	5.72E-03	2.25E+00	8.99E-01	1.27E+00	9.80E-04	8.79E+00	1.60E-01	1.66E+00	5.93E-05	-2.48E-01	-1.91E-05	6.74E-01	1.16E-04	2.74E-01	1.31E-05	6.57E-02	1.77E-06
285	371079	755398	Offsite Worker	1.38E+00	2.94E-03	1.51E+00	6.04E-01	-7.87E-01	-6.05E-04	4.88E+00	8.88E-02	1.07E+00	3.83E-05	-2.53E-01	-1.95E-05	4.54E-01	7.84E-05	1.20E-01	5.70E-06	-2.51E+00	-6.79E-05
286	371042	755478	Offsite Worker	1.67E-01	3.55E-04	8.40E-01	3.36E-01	-1.06E+00	-8.12E-04	1.44E+00	2.62E-02	5.87E-01	2.09E-05	-2.63E-01	-2.02E-05	2.57E-01	4.42E-05	4.29E-02	2.04E-06	-2.41E+00	-6.52E-05
287	371009	755538	Offsite Worker	3.86E-01	8.22E-04	9.25E-01	3.70E-01	-1.96E-01	-1.50E-04	2.09E+00	3.81E-02	6.71E-01	2.40E-05	-2.48E-01	-1.91E-05	2.82E-01	4.86E-05	8.50E-02	4.05E-06	-1.17E+00	-3.16E-05
288	370975	755597	Offsite Worker	-1.07E+00	-2.29E-03	7.08E-02	2.83E-02	-2.83E-01	-2.17E-04	-2.09E+00	-3.79E-02	5.55E-02	1.98E-06	-2.42E-01	-1.86E-05	2.89E-02	4.97E-06	-3.11E-03	-1.48E-07	-6.38E-01	-1.72E-05
289	370925	755597	Offsite Worker	-1.38E+00	-2.94E-03	-4.35E-02	-1.74E-02	-1.07E+00	-8.21E-04	-2.95E+00	-5.36E-02	-4.81E-02	-1.72E-06	-2.64E-01	-2.03E-05	-5.06E-03	-8.72E-07	-4.52E-02	-2.15E-06	-1.74E+00	-4.70E-05
290	370860	755547	Offsite Worker	-9.47E-01	-2.02E-03	4.41E-01	1.76E-01	-2.93E+00	-2.25E-03	-1.58E+00	-2.86E-02	2.51E-01	8.96E-06	-3.48E-01	-2.67E-05	1.40E-01	2.41E-05	-7.02E-02	-3.34E-06	-4.99E+00	-1.35E-04
291	370796	755497	Offsite Worker	1.78E+00	3.79E-03	1.83E+00	7.33E-01	-1.64E+00	-1.26E-03	6.07E+00	1.10E-01	1.28E+00	4.58E-05	-2.86E-01	-2.20E-05	5.51E-01	9.50E-05	1.18E-01	5.63E-06	-4.11E+00	-1.11E-04
292	370733	755428	Offsite Worker	9.24E-01	1.97E-03	1.35E+00	5.42E-01	-2.86E-01	-2.20E-04	3.78E+00	6.87E-02	9.79E-01	3.50E-05	-2.91E-01	-2.24E-05	4.10E-01	7.08E-05	1.24E-01	5.92E-06	-1.67E+00	-4.51E-05
293	370634	755428	Offsite Worker	-1.38E+00	-2.93E-03	1.95E-01	7.82E-02	-3.25E+00	-2.50E-03	-2.84E+00	-5.16E-02	6.62E-02	2.36E-06	-3.48E-01	-2.68E-05	6.76E-02	1.17E-05	-1.07E-01	-5.11E-06	-5.32E+00	-1.44E-04
294	370536	755428	Offsite Worker	1.81E+00	3.85E-03	1.71E+00	6.84E-01	-1.17E+00	-8.99E-04	6.25E+00	1.14E-01	1.17E+00	4.54E-05	-2.37E-01	-1.82E-05	5.15E-01	8.87E-05	2.57E-01	1.30E-05	-3.73E-01	8.45E-06
295	370437	755428	Offsite Worker	1.66E+00	3.54E-03	1.69E+00	6.77E-01	-1.73E+00	-1.33E-03	5.63E+00	1.02E-01	1.18E+00	4.21E-05	-2.61E-01	-2.01E-05	5.09E-01	8.78E-05	1.01E-01	4.80E-06	-4.13E+00	-1.12E-04
296	370338	755427	Offsite Worker	2.80E+00	5.95E-03	2.38E+00	9.51E-01	-1.04E+00	-8.03E-04	8.98E+00	1.63E-01	1.69E+00	6.04E-05	-2.74E-01	-2.10E-05	7.13E-01	1.23E-04	1.96E-01	9.32E-06	-3.62E+00	-9.79E-05
307	369249	755442	Offsite Worker	3.43E+00	7.30E-03	2.83E+00	1.13E+00	9.68E-01	7.45E-04	1.11E+01	2.02E-01	2.07E+00	7.40E-05	-3.04E-01	-2.34E-05	8.47E-01	1.46E-04	3.20E-01	1.52E-05	-9.01E-01	-2.43E-05
308	369151	755442	Offsite Worker	2.90E+00	6.17E-03	2.59E+00	1.04E+00	1.01E+00	7.77E-04	9.72E+00	1.77E-01	1.91E+00	6.81E-05	-3.29E-01	-2.53E-05	7.79E-01	1.34E-04	2.98E-01	1.42E-05	-6.94E-01	-1.87E-05
309	369052	755442	Offsite Worker	2.19E+00	4.65E-03	2.22E+00</															

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acetaldehyde	acrolein	acrolein	benzene	benzene	formaldehyde	formaldehyde	methyl alcohol	methyl alcohol	methyl ethyl ketone	methyl ethyl ketone	phenol (carbolic acid)	phenol (carbolic acid)	styrene	styrene	toluene	toluene	
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)
			CalEPA Acute REL		470		2.5		1300		55		28000		13000		5800		21000		37000	
19	366685	756985	Recreational	1.69E+00	3.60E-03	1.50E+00	6.01E-01	8.46E-01	6.51E-04	5.84E+00	1.06E-01	1.11E+00	3.98E-05	-1.88E-01	-1.45E-05	4.52E-01	7.80E-05	1.83E-01	8.71E-06	-4.47E-02	-1.21E-06	
20	366646	757074	Recreational	1.37E+00	2.91E-03	1.32E+00	5.27E-01	3.29E-01	2.53E-04	4.83E+00	7.88E-02	9.67E-01	3.45E-05	-1.89E-01	-1.45E-05	3.98E-01	6.86E-05	1.44E-01	6.85E-06	-7.26E-01	-1.96E-05	
21	366607	757162	Recreational	1.37E+00	2.91E-03	1.25E+00	4.99E-01	1.75E-01	1.34E-04	4.69E+00	8.53E-02	9.10E-01	3.25E-05	-1.63E-01	-1.25E-05	3.76E-01	6.48E-05	1.31E-01	6.22E-06	-8.86E-01	-2.39E-05	
22	366569	757250	Recreational	1.52E+00	3.24E-03	1.24E+00	4.97E-01	5.97E-02	4.69E-05	4.97E+00	9.04E-02	9.02E-01	3.22E-05	-1.31E-01	-1.00E-05	3.73E-01	6.44E-05	1.26E-01	5.99E-06	-1.02E+00	-2.75E-05	
23	366530	757338	Recreational	1.33E+00	2.84E-03	1.16E+00	4.63E-01	-1.13E-01	-8.73E-05	4.42E+00	8.04E-02	8.37E-01	2.99E-05	-1.39E-01	-1.07E-05	3.49E-01	6.01E-05	1.11E-01	5.26E-06	-1.23E+00	-3.33E-05	
24	366492	757427	Recreational	1.27E+00	2.70E-03	1.15E+00	4.59E-01	1.33E-01	1.02E-04	4.27E+00	7.77E-02	8.36E-01	2.99E-05	-1.49E-01	-1.15E-05	3.46E-01	5.97E-05	1.19E-01	5.67E-06	-8.57E-01	-2.32E-05	
25	366453	757515	Recreational	1.26E+00	2.67E-03	1.14E+00	4.56E-01	3.72E-01	2.86E-04	4.25E+00	7.73E-02	8.37E-01	2.99E-05	-1.48E-01	-1.14E-05	3.44E-01	5.92E-05	1.28E-01	6.09E-06	-4.76E-01	-1.29E-05	
26	366415	757603	Recreational	1.23E+00	2.62E-03	1.12E+00	4.49E-01	4.14E-01	3.19E-04	4.16E+00	7.57E-02	8.25E-01	2.95E-05	-1.47E-01	-1.13E-05	3.38E-01	5.83E-05	1.28E-01	6.08E-06	-4.00E-01	-1.08E-05	
27	366376	757692	Recreational	1.25E+00	2.65E-03	1.15E+00	4.62E-01	4.17E-01	3.21E-04	4.24E+00	7.71E-02	8.49E-01	3.03E-05	-1.55E-01	-1.19E-05	3.48E-01	6.00E-05	1.31E-01	6.25E-06	-4.13E-01	-1.12E-05	
84	369336	758100	Recreational	4.04E+00	8.60E-03	2.91E+00	1.17E+00	2.09E+00	1.61E-03	1.27E+01	2.31E-01	2.16E+00	7.72E-05	-2.11E-01	-1.62E-05	8.71E-01	1.50E-04	3.72E-01	1.77E-05	7.81E-01	2.11E-05	
85	369269	758170	Recreational	5.12E+00	1.09E-02	3.49E+00	1.40E+00	2.82E+00	2.17E-03	1.57E+01	2.86E-01	2.59E+00	9.26E-05	-1.95E-01	-1.50E-05	1.04E+00	1.79E-04	4.58E-01	2.18E-05	1.45E+00	3.92E-05	
86	369202	758239	Recreational	5.08E+00	1.08E-02	3.47E+00	1.39E+00	2.73E+00	2.10E-03	1.56E+01	2.84E-01	2.58E+00	9.21E-05	-1.97E-01	-1.52E-05	1.04E+00	1.79E-04	4.53E-01	2.16E-05	1.32E+00	3.57E-05	
87	369264	758285	Recreational	4.17E+00	8.87E-03	2.96E+00	1.18E+00	2.34E+00	1.80E-03	1.30E+01	2.36E-01	2.20E+00	7.85E-05	-2.00E-01	-1.54E-05	8.83E-01	1.52E-04	3.86E-01	1.84E-05	1.15E+00	3.10E-05	
88	369326	758330	Recreational	3.74E+00	7.96E-03	2.67E+00	1.07E+00	1.86E+00	1.43E-03	1.17E+01	2.12E-01	1.98E+00	7.07E-05	-1.86E-01	-1.43E-05	7.98E-01	1.38E-04	3.39E-01	1.62E-05	6.59E-01	1.78E-05	
89	369389	758376	Recreational	3.09E+00	6.57E-03	2.29E+00	9.14E-01	1.29E+00	9.93E-04	9.73E+00	1.77E-01	1.69E+00	6.02E-05	-1.82E-01	-1.40E-05	6.83E-01	1.18E-04	2.78E-01	1.33E-05	1.01E-01	2.73E-06	
90	369389	758462	Recreational	2.56E+00	5.45E-03	2.00E+00	7.98E-01	9.87E-01	7.60E-04	8.20E+00	1.49E-01	1.47E+00	5.25E-05	-1.86E-01	-1.43E-05	5.97E-01	1.03E-04	2.38E-01	1.13E-05	-1.48E-01	-4.01E-06	
91	369389	758548	Recreational	2.09E+00	4.44E-03	1.74E+00	6.96E-01	7.17E-01	5.51E-04	6.84E+00	1.24E-01	1.29E+00	4.50E-05	-1.91E-01	-1.47E-05	5.21E-01	8.99E-05	2.02E-01	9.60E-06	-3.72E-01	-1.00E-05	
28	366338	757780	Residential	1.35E+00	2.87E-03	1.20E+00	4.80E-01	5.85E-01	4.50E-04	4.52E+00	8.21E-02	8.87E-01	3.17E-05	-1.51E-01	-1.16E-05	3.62E-01	6.24E-05	1.42E-01	6.78E-06	-2.08E-01	-5.62E-06	
29	366402	757746	Residential	1.32E+00	2.81E-03	1.20E+00	4.78E-01	5.51E-01	4.24E-04	4.45E+00	8.10E-02	8.83E-01	3.15E-05	-1.55E-01	-1.19E-05	3.61E-01	6.22E-05	1.41E-01	6.69E-06	-2.56E-01	-6.90E-06	
30	366467	757713	Residential	1.29E+00	2.75E-03	1.19E+00	4.76E-01	5.18E-01	3.99E-04	4.39E+00	7.98E-02	8.79E-01	3.14E-05	-1.59E-01	-1.22E-05	3.59E-01	6.19E-05	1.39E-01	6.61E-06	-3.00E-01	-8.11E-06	
31	366531	757679	Residential	1.26E+00	2.68E-03	1.18E+00	4.73E-01	4.78E-01	3.68E-04	4.31E+00	7.83E-02	8.71E-01	3.11E-05	-1.63E-01	-1.25E-05	3.57E-01	6.15E-05	1.36E-01	6.49E-06	-3.52E-01	-9.50E-06	
32	366567	757773	Residential	1.44E+00	3.06E-03	1.27E+00	5.10E-01	7.48E-01	5.76E-04	4.82E+00	8.66E-02	9.45E-01	3.38E-05	-1.59E-01	-1.22E-05	3.84E-01	6.63E-05	1.59E-01	7.43E-06	-2.83E-02	-7.64E-07	
33	366625	757758	Residential	1.45E+00	3.08E-03	1.29E+00	5.15E-01	7.60E-01	5.84E-04	4.86E+00	8.83E-02	9.55E-01	3.41E-05	-1.62E-01	-1.24E-05	3.88E-01	6.69E-05	1.58E-01	7.51E-06	-2.42E-02	-6.54E-07	
34	366682	757744	Residential	1.46E+00	3.10E-03	1.30E+00	5.21E-01	7.72E-01	5.94E-04	4.90E+00	8.91E-02	9.67E-01	3.45E-05	-1.65E-01	-1.27E-05	3.93E-01	6.77E-05	1.60E-01	7.61E-06	-2.03E-02	-5.50E-07	
35	366768	757788	Residential	1.65E+00	3.52E-03	1.46E+00	5.85E-01	6.80E-01	5.23E-04	5.52E+00	1.00E-01	1.08E+00	3.85E-05	-1.82E-01	-1.40E-05	4.40E-01	7.59E-05	1.72E-01	8.20E-06	-2.74E-01	-7.40E-06	
36	366854	757833	Residential	1.96E+00	4.17E-03	1.66E+00	6.63E-01	4.08E-01	3.14E-04	6.38E+00	1.16E-01	1.21E+00	4.33E-05	-1.89E-01	-1.45E-05	4.99E-01	8.60E-05	1.81E-01	8.61E-06	-8.58E-01	-2.32E-05	
37	366941	757877	Residential	2.10E+00	4.48E-03	1.72E+00	6.89E-01	4.20E-01	2.60E-04	6.76E+00	1.23E-01	1.26E+00	4.49E-05	-1.83E-01	-1.41E-05	5.18E-01	8.93E-05	1.84E-01	8.76E-06	-1.04E+00	-2.82E-05	
38	367027	757922	Residential	2.40E+00	5.12E-03	1.87E+00	7.46E-01	5.92E-01	4.56E-04	7.60E+00	1.38E-01	1.37E+00	4.88E-05	-1.72E-01	-1.32E-05	5.60E-01	9.65E-05	2.09E-01	9.93E-06	-7.38E-01	-1.99E-05	
39	367113	757966	Residential	2.56E+00	5.44E-03	1.90E+00	7.62E-01	6.15E+00	8.86E-04	8.02E+00	1.46E-01	1.41E+00	5.03E-05	-1.55E-01	-1.19E-05	5.71E-01	9.84E-05	2.34E-01	1.12E-05	1.07E-01	2.90E-06	
40	367192	757916	Residential	2.57E+00	5.46E-03	1.94E+00	7.76E-01	6.10E+00	8.03E-04	8.08E+00	1.47E-01	1.43E+00	5.11E-05	-1.65E-01	-1.27E-05	5.82E-01	1.00E-04	2.34E-01	1.11E-05	-1.06E-01	-2.87E-06	
41	367264	757916	Residential	2.71E+00	5.76E-03	2.02E+00	8.08E-01	6.19E+00	9.17E-04	8.49E+00	1.54E-01	1.49E+00	5.32E-05	-1.64E-01	-1.26E-05	6.04E-01	1.02E-04	2.47E-01	1.18E-05	1.13E-02	1.93E-06	
42	367335	757916	Residential	2.84E+00	6.04E-03	2.10E+00	8.39E-01	6.36E+00	1.05E-03	8.89E+00	1.62E-01	1.55E+00	5.55E-05	-1.65E-01	-1.27E-05	6.28E-01	1.08E-04	2.62E-01	1.25E-05	2.71E-01	7.32E-06	
43	367343	757966	Residential	3.05E+00	6.50E-03	2.22E+00	8.86E-01	6.70E+00	1.36E-03	9.53E+00	1.73E-01	1.65E+00	5.89E-05	-1.64E-01	-1.26E-05	6.63E-01	1.14E-04	2.90E-01	1.38E-05	8.19E-01	2.21E-05	
44	367404	757995	Residential	3.16E+00	6.72E-03	2.30E+00	9.20E-01	6.94E+00	1.49E-03	9.88E+00	1.80E-01	1.72E+00	6.13E-05	-1.73E-01	-1.33E-05	6.88E-01	1.19E-04	3.05E-01	1.45E-05	1.02E+00	2.75E-05	
45	367465	758024	Residential	3.21E+00	6.84E-03	2.38E+00	9.51E-01	7.10E+00	1.38E-03	1.01E+01	1.83E-01	1.77E+00	6.31E-05	-1.89E-01	-1.45E-05	7.12E-01	1.23E-04	3.07E-01	1.46E-05	7.23E-01	1.95E-05	
55	367673	758189	Residential	2.27E+00	6.31E-03	2.27E+00	9.09E-01	1.00E+00	7.73E-04	9.34E+00	1.70E-01	1.67E+00	5.96E-05	-2.01E-01	-1.55E-05	6.81E-01	1.17E-04	2.65E-01	1.26E-05	-4.15E-01	-1.12E-05	
56	367816	758096	Residential	3.19E+00	6.80E-03	2.42E+00	9.70E-01	1.15E+00	8.84E-04	1.00E+01	1.83E-01	1.78E+00	6.37E-05	-2.09E-01	-1.61E-05	7.26E-01	1.25E-04	2.86E-01	1.36E-05	-3.29E-01	-8.88E-06	
60	367898	758066	Residential	3.24E+00	6.89E-03	2.49E+00	9.95E-01	1.26E+00	9.71E-04	1.02E+01	1.86E-01	1.83E+00	6.55E-05	-2.23E-01	-1.72E-05	7.45E-01	1.28E-04	2.97E-01	1.41E-05	-2.06E-01	-5.58E-06	
61	367980	758035	Residential	3.33E+00	7.08E-03	2.58E+00	1.03E+00	1.35E+00	1.04E-03	1.06E+01	1.92E-01	1.90E+0										

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde	acetaldehyde	acrolein	acrolein	benzene	benzene	formaldehyde	formaldehyde	methyl alcohol	methyl alcohol	methyl ethyl ketone	methyl ethyl ketone	phenol (carbolic acid)	phenol (carbolic acid)	styrene	styrene	toluene	toluene
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard
			CalEPA Acute REL		470		2.5		1300		55		28000		13000		5800		21000		37000
96	369710	758617	Residential	1.67E+00	3.55E-03	1.50E+00	5.99E-01	-8.34E-02	-6.41E-05	5.56E+00	1.01E-01	1.08E+00	3.87E-05	-1.91E-01	-1.47E-05	4.50E-01	7.76E-05	1.46E-01	6.95E-06	-1.44E+00	-3.88E-05
97	369791	758613	Residential	2.53E+00	5.38E-03	1.91E+00	7.63E-01	6.58E-01	5.06E-04	7.98E+00	1.45E-01	1.39E+00	4.98E-05	-1.61E-01	-1.24E-05	5.70E-01	9.82E-05	2.16E-01	1.03E-05	-5.63E-01	-1.52E-05
98	369791	758514	Residential	2.85E+00	6.07E-03	2.10E+00	8.39E-01	8.53E-01	6.56E-04	8.93E+00	1.62E-01	1.54E+00	5.49E-05	-1.63E-01	-1.25E-05	6.27E-01	1.08E-04	2.42E-01	1.15E-05	-4.35E-01	-1.17E-05
99	369791	758416	Residential	3.23E+00	6.88E-03	2.31E+00	9.25E-01	1.12E+00	8.60E-04	1.00E+01	1.83E-01	1.70E+00	6.07E-05	-1.63E-01	-1.25E-05	6.91E-01	1.19E-04	2.74E-01	1.31E-05	-2.01E-01	-5.42E-06
100	369791	758318	Residential	3.89E+00	8.27E-03	2.67E+00	1.07E+00	1.12E+00	8.59E-04	1.19E+01	2.17E-01	1.96E+00	6.99E-05	-1.57E-01	-1.20E-05	7.96E-01	1.37E-04	3.10E-01	1.47E-05	-1.67E-01	-1.26E-05
101	369881	758318	Residential	2.07E+00	4.40E-03	1.75E+00	7.01E-01	-2.59E-02	-1.99E-05	6.79E+00	1.23E-01	1.27E+00	4.53E-05	-1.07E-01	-1.54E-05	5.26E-01	9.07E-05	1.74E-01	8.27E-06	-4.54E-01	-4.61E-05
102	369972	758318	Residential	-1.33E-01	-2.84E-04	6.27E-01	2.51E-01	-1.29E+00	-9.96E-04	5.90E-01	1.07E-02	4.26E-01	1.52E-05	-2.48E-01	-1.91E-05	1.93E-01	3.34E-05	1.20E-02	5.73E-07	-2.63E+00	-7.11E-05
103	370062	758318	Residential	4.41E-02	9.38E-05	7.70E-01	3.08E-01	-1.58E+00	-1.22E-03	1.13E+00	2.05E-02	5.21E-01	1.86E-05	-2.63E-01	-2.02E-05	2.36E-01	4.06E-05	1.50E-02	7.13E-07	-3.17E+00	-8.58E-05
104	370153	758318	Residential	1.98E-01	4.21E-04	8.57E-01	3.43E-01	-1.77E+00	-1.36E-03	1.54E+00	2.81E-02	5.79E-01	2.07E-05	-2.63E-01	-2.02E-05	2.62E-01	4.51E-05	1.63E-02	7.75E-07	-3.54E+00	-9.57E-05
105	370243	758318	Residential	1.61E-01	3.43E-04	9.02E-01	3.61E-01	-1.98E+00	-1.52E-03	1.52E+00	2.76E-02	6.06E-01	2.16E-05	-2.86E-01	-2.20E-05	2.75E-01	4.74E-05	1.26E-02	5.98E-07	-3.88E+00	-1.05E-04
111	370408	758347	Residential	-6.01E-01	-1.28E-03	5.45E-01	2.18E-01	-2.99E+00	-2.30E-03	-6.53E-01	-1.19E-02	3.23E-01	1.15E-05	-3.15E-01	-2.42E-05	1.71E-01	2.94E-05	-6.28E-02	-2.98E-06	-5.19E+00	-1.40E-04
112	370490	758344	Residential	-1.56E+00	-3.32E-03	8.42E-02	3.37E-02	-3.23E+00	-2.49E-03	-3.29E+00	-5.98E-02	-1.22E-02	-4.36E-07	-3.46E-01	-2.66E-05	3.57E-02	6.15E-06	-1.18E-01	-5.62E-06	-5.26E+00	-1.42E-04
113	370572	758341	Residential	-1.28E+00	-2.72E-03	3.11E-01	1.24E-01	-3.70E+00	-2.84E-03	-2.44E+00	-4.44E-02	1.38E-01	4.93E-06	-3.69E-01	-2.84E-05	1.03E-01	1.78E-05	-1.14E-01	-5.41E-06	-6.14E+00	-1.68E-04
114	370654	758338	Residential	-2.85E-01	-6.05E-04	1.00E+00	4.00E-01	-3.30E+00	-2.54E-03	5.94E-01	1.08E-02	6.46E-01	2.31E-05	-4.11E-01	-3.16E-05	3.08E-01	5.31E-05	-2.94E-02	-1.40E-06	-6.08E+00	-1.64E-04
115	370735	758335	Residential	7.19E-01	1.53E-03	1.35E+00	5.41E-01	-2.08E+00	-1.60E-03	3.25E+00	5.91E-02	9.29E-01	3.32E-05	-3.32E-01	-2.86E-05	4.11E-01	7.09E-05	5.31E-02	2.53E-06	-4.48E+00	-1.21E-04
116	370817	758333	Residential	1.07E+00	2.27E-03	1.45E+00	5.80E-01	-9.14E-01	-7.03E-04	4.23E+00	7.69E-02	1.03E+00	3.68E-05	-2.96E-01	-2.28E-05	4.38E-01	7.56E-05	1.09E-01	5.18E-06	-2.72E+00	-7.34E-05
130	371183	758027	Residential	3.81E+00	8.11E-03	2.90E+00	1.16E+00	1.63E+00	1.25E-03	1.22E+01	2.21E-01	2.14E+00	7.64E-05	-2.51E-01	-1.93E-05	8.67E-01	1.49E-04	3.52E-01	1.68E-05	6.07E-02	1.64E-06
131	371248	758024	Residential	3.92E+00	8.34E-03	2.97E+00	1.19E+00	1.32E+00	1.01E-03	1.24E+01	2.26E-01	2.18E+00	7.77E-05	-2.53E-01	-1.95E-05	8.86E-01	1.53E-04	3.47E-01	1.65E-05	-4.12E-01	-1.11E-05
132	371326	758075	Residential	3.64E+00	7.74E-03	2.71E+00	1.09E+00	1.23E+00	9.43E-04	1.15E+01	2.09E-01	1.99E+00	7.11E-05	-2.21E-01	-1.70E-05	8.10E-01	1.40E-04	3.19E-01	1.52E-05	-3.26E-01	-8.2E-06
133	371404	758127	Residential	3.15E+00	6.70E-03	2.39E+00	9.54E-01	1.31E+00	1.01E-03	1.00E+01	1.82E-01	1.78E+00	6.28E-05	-2.05E-01	-1.58E-05	7.13E-01	1.23E-04	2.89E-01	1.38E-05	-4.47E-02	1.21E-06
134	371481	758178	Residential	2.90E+00	6.17E-03	2.24E+00	8.94E-01	1.30E+00	9.97E-04	9.31E+00	1.69E-01	1.65E+00	5.90E-05	-2.02E-01	-1.55E-05	6.69E-01	1.15E-04	2.74E-01	1.30E-05	1.35E-01	3.65E-06
135	371559	758230	Residential	2.71E+00	5.77E-03	2.10E+00	8.40E-01	1.33E+00	1.02E-03	8.73E+00	1.59E-01	1.55E+00	5.55E-05	-1.91E-01	-1.47E-05	6.28E-01	1.08E-04	2.61E-01	1.25E-05	3.04E-01	8.20E-06
136	371637	758281	Residential	2.56E+00	5.46E-03	2.08E+00	8.31E-01	1.42E+00	1.09E-03	8.39E+00	1.52E-01	1.54E+00	5.51E-05	-2.14E-01	-1.65E-05	6.22E-01	1.07E-04	2.63E-01	1.25E-05	4.29E-01	1.16E-05
137	371715	758333	Residential	2.36E+00	5.02E-03	1.93E+00	7.73E-01	1.44E+00	1.11E-03	7.76E+00	1.41E-01	1.44E+00	5.13E-05	-2.05E-01	-1.57E-05	5.79E-01	9.99E-05	2.49E-01	1.19E-05	5.88E-01	1.59E-05
138	371769	758261	Residential	1.79E+00	3.80E-03	1.61E+00	6.42E-01	1.63E+00	1.25E-03	6.17E+00	1.12E-01	1.21E+00	4.31E-05	-2.04E-01	-1.57E-05	4.82E-01	8.31E-05	2.25E-01	1.07E-05	1.16E+00	3.14E-05
139	371822	758189	Residential	8.38E-01	1.78E-03	1.54E+00	6.16E-01	5.76E-01	4.43E-04	4.03E+00	7.33E-02	1.14E+00	4.07E-05	-3.73E-01	-2.87E-05	4.66E-01	8.04E-05	1.78E-01	8.46E-06	-4.33E-01	-1.17E-05
140	371894	758160	Residential	-1.71E-01	-3.65E-04	1.55E+00	6.21E-01	-5.91E-01	-4.55E-04	1.87E+00	3.39E-02	1.12E+00	4.01E-05	-5.81E-01	-4.47E-05	4.74E-01	8.17E-05	1.34E-01	6.39E-06	-2.25E+00	-6.08E-05
141	371894	758081	Residential	-4.57E-01	-9.72E-04	1.64E+00	6.57E-01	-1.51E+00	-1.16E-03	1.31E+00	2.39E-02	1.17E+00	4.16E-05	-6.71E-01	-5.16E-05	5.03E-01	8.68E-05	1.07E-01	5.11E-06	-3.77E+00	-1.02E-04
142	371959	758074	Residential	-2.19E-02	-4.66E-05	1.76E+00	7.05E-01	-1.23E+00	-9.50E-04	2.38E+00	4.33E-02	1.26E+00	4.50E-05	-6.26E-01	-4.82E-05	5.39E-01	9.29E-05	1.30E-01	6.18E-06	-3.48E+00	-9.40E-05
155	372055	757363	Residential	6.99E-01	1.49E-03	1.75E+00	6.98E-01	-3.30E-01	-2.54E-04	4.18E+00	7.60E-02	1.27E+00	4.52E-05	-4.74E-01	-3.65E-05	5.31E-01	9.16E-05	1.62E-01	7.74E-06	-2.09E+00	-5.68E-05
297	370239	755427	Residential	5.05E+00	1.08E-02	3.54E+00	1.42E+00	2.98E+00	2.29E-03	1.56E+01	2.84E-01	2.64E+00	9.42E-05	-2.28E-01	-1.75E-05	1.06E+00	1.82E-04	4.70E-01	2.24E-05	1.62E+00	4.37E-05
298	370138	755427	Residential	6.05E+00	1.29E-02	3.94E+00	1.58E+00	4.49E+00	3.45E-03	1.84E+01	3.34E-01	2.98E+00	1.06E-04	-1.66E-01	-1.28E-05	1.17E+00	2.02E-04	5.69E-01	2.71E-05	3.69E+00	9.97E-05
299	370040	755427	Residential	2.43E-02	5.18E-05	8.20E-01	3.28E-01	-2.45E+00	-1.88E-03	9.89E-01	1.80E-02	5.34E-01	1.91E-05	-2.85E-01	-2.19E-05	2.52E-01	4.34E-05	-1.43E-02	-6.82E-07	-4.59E+00	-1.24E-04
300	369941	755426	Residential	1.52E+00	3.24E-03	1.57E+00	6.27E-01	-1.16E+00	-8.91E-04	5.23E+00	9.50E-02	1.11E+00	3.95E-05	-2.46E-01	-1.89E-05	4.72E-01	8.14E-05	1.10E-01	5.26E-06	-3.18E+00	-8.60E-05
301	369842	755426	Residential	2.08E+00	4.42E-03	1.89E+00	7.57E-01	-4.67E-01	-3.60E-04	6.89E+00	1.25E-01	1.36E+00	4.85E-05	-2.48E-01	-1.91E-05	5.68E-01	9.80E-05	1.70E-01	8.10E-06	-2.35E+00	-6.36E-05
304	369544	755434	Residential	-4.53E-03	-9.65E-06	9.02E-01	3.61E-01	-2.78E+00	-2.14E-03	1.03E+00	1.87E-02	5.85E-01	2.09E-05	-3.20E-01	-2.46E-05	2.77E-01	4.77E-05	-1.90E-02	-9.07E-07	-5.17E+00	-1.40E-04
305	369445	755434	Residential	1.84E+00	3.92E-03	1.86E+00	7.44E-01	-9.02E-01	-6.93E-04	6.33E+00	1.15E-01	1.32E+00	4.73E-05	-2.84E-01	-2.18E-05	5.60E-01	9.66E-05	1.50E-01	7.12E-06	-3.05E+00	-8.25E-05
306	369346	755434	Residential	2.87E+00	6.11E-03	2.44E+00	9.74E-01	-2.01E-01	-1.55E-04	9.31E+00	1.69E-01	1.76E+00	6.28E-05	-2.79E-01	-2.14E-05	7.31E-01	1.26E-04	2.34E-01	1.12E-05	-2.43E+00	-6.58E-05
310	368953	755441	Residential	1.81E+00	3.85E-03	2.04E+00	8.15E-01	-2.25E-01	-1.73E-04	6.60E+00	1.20E-01</										

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde ($\mu\text{g}/\text{m}^3$)	acetaldehyde Acute Hazard	acrolein ($\mu\text{g}/\text{m}^3$)	acrolein Acute Hazard	benzene ($\mu\text{g}/\text{m}^3$)	benzene Acute Hazard	formaldehyde ($\mu\text{g}/\text{m}^3$)	formaldehyde Acute Hazard	methyl alcohol ($\mu\text{g}/\text{m}^3$)	methyl alcohol Acute Hazard	methyl ethyl ketone ($\mu\text{g}/\text{m}^3$)	methyl ethyl ketone Acute Hazard	phenol (carbolic acid) ($\mu\text{g}/\text{m}^3$)	phenol (carbolic acid) Acute Hazard	styrene ($\mu\text{g}/\text{m}^3$)	styrene Acute Hazard	toluene ($\mu\text{g}/\text{m}^3$)	toluene Acute Hazard
			CalEPA Acute REL		470		2.5		1300		55		28000		13000		5800		21000		37000
302	369741	755435	School	-3.66E-01	-7.78E-04	6.59E-01	2.64E-01	-3.49E+00	-2.68E-03	-1.36E-01	-2.47E-03	3.91E-01	1.40E-05	-3.07E-01	-2.37E-05	2.05E-01	3.53E-05	-7.15E-02	-3.41E-06	-6.10E+00	-1.65E-04
303	369643	755434	School	8.03E-01	1.71E-03	1.24E+00	4.96E-01	-4.61E-01	-3.54E-04	3.36E+00	6.12E-02	8.92E-01	3.19E-05	-2.75E-01	-2.12E-05	3.77E-01	6.51E-05	1.05E-01	5.01E-06	-1.93E+00	-5.21E-05

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	xylene, total		arsenic		chlorine		copper		mercury		nickel		vanadium		sulfates		
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)
			CalEPA Acute REL	22000	0.2	210	100	0.6	6	30	120									
117	370814	758243	Offsite Worker	-2.32E+00	-1.05E-04	-1.78E-03	-8.88E-03	-1.39E-01	-6.63E-04	-8.89E-03	-8.89E-05	-1.07E-02	-1.78E-02	-6.87E-03	-1.15E-03	-1.03E-02	-3.43E-04	-6.30E+00	-5.25E-02	
118	370810	758153	Offsite Worker	-2.23E+00	-1.01E-04	-2.07E-03	-1.03E-02	-1.59E-01	-7.59E-04	-1.03E-02	-1.03E-04	-1.24E-02	-2.07E-02	-7.97E-03	-1.33E-03	-1.20E-02	-3.99E-04	-7.31E+00	-6.09E-02	
119	370807	758063	Offsite Worker	-1.72E+00	-7.80E-05	-2.34E-03	-1.17E-02	-1.84E-01	-8.75E-04	-1.17E-02	-1.17E-04	-1.41E-02	-2.34E-02	-9.07E-03	-1.51E-03	-1.36E-02	-4.53E-04	-8.32E+00	-6.93E-02	
120	370803	757974	Offsite Worker	-2.28E+00	-1.04E-04	-2.74E-03	-1.37E-02	-2.14E-01	-1.02E-03	-1.37E-02	-1.37E-04	-1.65E-02	-2.74E-02	-1.06E-02	-1.59E-02	-5.30E-04	-9.72E+00	-8.10E-02	-9.72E+00	-8.10E-02
121	370835	757927	Offsite Worker	-2.93E+00	-1.33E-04	-3.03E-03	-1.51E-02	-2.29E-01	-1.09E-03	-1.51E-02	-1.51E-04	-1.82E-02	-3.03E-02	-1.17E-02	-1.94E-03	-1.76E-02	-5.86E-04	-1.07E+01	-8.91E-02	
122	370868	757880	Offsite Worker	-1.80E+00	-8.20E-05	-2.77E-03	-1.39E-02	-2.00E-01	-9.51E-04	-1.37E-02	-1.37E-04	-1.66E-02	-2.77E-02	-1.06E-02	-1.77E-03	-1.61E-02	-5.36E-04	-9.72E+00	-8.10E-02	
123	370921	757884	Offsite Worker	-2.12E+00	-9.64E-05	-3.03E-03	-1.51E-02	-2.31E-01	-1.10E-03	-1.51E-02	-1.51E-04	-1.82E-02	-3.03E-02	-1.17E-02	-1.94E-03	-1.75E-02	-5.85E-04	-1.07E+01	-8.91E-02	
124	370975	757887	Offsite Worker	-1.43E+00	-6.49E-05	-2.69E-03	-1.34E-02	-2.10E-01	-9.98E-04	-1.32E-02	-1.32E-04	-1.61E-02	-2.69E-02	-1.04E-02	-1.73E-03	-1.56E-02	-5.20E-04	-9.53E+00	-7.94E-02	
125	370975	757794	Offsite Worker	-1.70E-01	7.74E-06	-1.81E-03	-9.07E-03	-1.19E-01	-5.65E-04	-8.31E-03	-8.31E-05	-1.09E-02	-1.81E-02	-6.85E-03	-1.14E-03	-1.05E-02	-3.51E-04	-6.28E+00	-5.24E-02	
126	371026	757794	Offsite Worker	-7.81E-01	-3.55E-05	-1.78E-03	-8.89E-03	-1.40E-01	-6.65E-04	-8.24E-03	-8.24E-05	-1.07E-02	-1.78E-02	-6.88E-03	-1.15E-03	-1.03E-02	-3.44E-04	-6.31E+00	-5.26E-02	
127	371076	757877	Offsite Worker	-1.39E-01	-6.33E-06	-1.85E-03	-9.27E-03	-1.40E-01	-6.68E-04	-8.75E-03	-8.75E-05	-1.11E-02	-1.85E-02	-7.13E-03	-1.19E-03	-1.08E-02	-3.58E-04	-6.54E+00	-5.45E-02	
128	371126	757959	Offsite Worker	3.46E-01	1.57E-05	-1.93E-03	-9.63E-03	-1.37E-01	-6.50E-04	-9.21E-03	-9.21E-05	-1.16E-02	-1.93E-02	-7.35E-03	-1.22E-03	-1.12E-02	-3.72E-04	-6.74E+00	-5.61E-02	
129	371119	758031	Offsite Worker	-7.63E-02	-3.47E-06	-1.89E-03	-9.46E-03	-1.33E-01	-6.34E-04	-9.18E-03	-9.18E-05	-1.14E-02	-1.89E-02	-7.21E-03	-1.20E-03	-1.10E-02	-3.66E-04	-6.61E+00	-5.51E-02	
133	371953	757977	Offsite Worker	-2.23E+00	-1.01E-04	-1.44E-03	-7.19E-03	-1.60E-01	-7.63E-04	-7.40E-03	-7.40E-05	-8.62E-03	-1.44E-02	-5.90E-03	-9.83E-04	-8.34E-03	-2.78E-04	-5.40E+00	-4.50E-02	
144	371948	757880	Offsite Worker	-2.07E+00	-9.41E-05	-1.07E-03	-5.34E-03	-8.09E-02	-3.85E-04	-5.12E-03	-5.12E-05	-6.41E-02	-1.07E-02	-4.11E-03	-6.85E-04	-6.19E-03	-2.06E-04	-3.77E+00	-3.14E-02	
145	371943	757783	Offsite Worker	-5.19E+00	-2.36E-04	-1.49E-03	-7.44E-03	-1.10E-01	-5.22E-04	-7.23E-03	-7.23E-05	-8.93E-03	-1.49E-02	-5.71E-03	-9.51E-04	-8.63E-03	-2.88E-04	-5.23E+00	-4.36E-02	
146	372016	757794	Offsite Worker	-5.05E+00	-2.29E-04	-1.48E-03	-7.41E-03	-1.09E-01	-5.19E-04	-7.21E-03	-7.21E-05	-8.89E-03	-1.48E-02	-5.68E-03	-9.47E-04	-8.60E-03	-2.87E-04	-5.21E+00	-4.34E-02	
147	372102	757791	Offsite Worker	-4.83E+00	-2.19E-04	-1.50E-03	-7.51E-03	-1.03E-01	-4.91E-04	-7.28E-03	-7.28E-05	-9.01E-03	-1.50E-02	-5.71E-03	-9.51E-04	-8.71E-03	-2.90E-04	-5.24E+00	-4.36E-02	
148	372178	757760	Offsite Worker	-4.03E+00	-1.83E-04	-1.30E-03	-6.52E-03	-8.51E-02	-4.05E-04	-6.26E-03	-6.26E-05	-7.83E-03	-1.30E-02	-4.92E-03	-8.21E-04	-7.57E-03	-2.52E-04	-4.52E+00	-3.76E-02	
149	372177	757670	Offsite Worker	-2.69E+00	-1.22E-04	-1.37E-03	-6.87E-03	-8.78E-02	-4.18E-04	-6.21E-03	-6.21E-05	-8.25E-03	-1.37E-02	-5.17E-03	-7.97E-03	-8.62E-04	-4.75E+00	-3.96E-02	-3.96E-02	
150	372176	757579	Offsite Worker	-1.81E+00	-8.25E-05	-1.05E-03	-5.23E-03	-7.86E-02	-3.74E-04	-5.06E-03	-5.06E-05	-6.28E-03	-1.05E-02	-4.02E-03	-6.71E-04	-6.07E-03	-2.02E-04	-3.69E+00	-3.08E-02	
151	372174	757489	Offsite Worker	-2.13E+00	-9.67E-05	-7.63E-04	-3.81E-03	-5.79E-02	-2.76E-04	-3.61E-03	-3.61E-05	-4.58E-03	-7.63E-03	-2.94E-03	-4.90E-04	-4.42E-03	-1.47E-04	-2.69E+00	-2.25E-02	
152	372173	757398	Offsite Worker	-1.17E+00	-5.30E-05	-1.06E-03	-5.30E-03	-8.90E-02	-4.24E-04	-5.17E-03	-5.17E-05	-6.36E-03	-1.06E-02	-4.14E-03	-6.90E-04	-6.14E-03	-2.05E-04	-3.80E+00	-3.16E-02	
153	372171	757308	Offsite Worker	5.05E-01	2.30E-05	-1.27E-03	-6.35E-03	-9.72E-02	-4.63E-04	-6.22E-03	-6.22E-05	-7.62E-03	-1.27E-02	-4.90E-03	-8.16E-04	-7.37E-03	-2.46E-04	-4.49E+00	-3.74E-02	
154	372055	757309	Offsite Worker	-9.13E-01	-4.15E-05	-1.30E-03	-6.48E-03	-1.08E-01	-5.16E-04	-6.39E-03	-6.39E-05	-7.77E-03	-1.30E-02	-5.06E-03	-8.43E-04	-7.51E-03	-2.50E-04	-4.64E+00	-3.87E-02	
156	372055	757416	Offsite Worker	-2.12E+00	-9.62E-05	-9.63E-04	-4.82E-03	-7.71E-02	-3.67E-04	-4.64E-03	-4.64E-05	-5.78E-03	-9.63E-03	-3.74E-03	-6.23E-04	-5.59E-03	-1.86E-04	-3.43E+00	-2.86E-02	
157	371952	757442	Offsite Worker	-1.79E+00	-8.16E-05	-1.18E-03	-5.92E-03	-7.44E-02	-3.54E-04	-5.64E-03	-5.64E-05	-7.11E-03	-1.18E-02	-4.45E-03	-7.42E-04	-6.87E-03	-2.29E-04	-4.08E+00	-3.40E-02	
158	371950	757345	Offsite Worker	-3.23E+00	-1.47E-04	-1.41E-03	-7.04E-03	-1.23E-01	-5.85E-04	-6.99E-03	-6.99E-05	-8.44E-03	-1.41E-02	-5.53E-03	-9.22E-04	-8.16E-03	-2.72E-04	-5.07E+00	-4.23E-02	
159	371864	757344	Offsite Worker	-3.72E+00	-1.69E-04	-1.37E-03	-6.86E-03	-1.21E-01	-5.74E-04	-6.81E-03	-6.81E-05	-8.23E-03	-1.37E-02	-5.40E-03	-9.00E-04	-7.96E-03	-2.65E-04	-4.95E+00	-4.13E-02	
160	371790	757347	Offsite Worker	-2.95E+00	-1.34E-04	-1.36E-03	-6.82E-03	-1.03E-01	-4.93E-04	-6.64E-03	-6.64E-05	-8.18E-03	-1.36E-02	-5.25E-03	-8.75E-04	-7.91E-03	-2.64E-04	-4.82E+00	-4.01E-02	
161	371708	757356	Offsite Worker	-1.93E+00	-8.78E-05	-1.32E-03	-6.58E-03	-7.66E-02	-3.65E-04	-6.16E-03	-6.16E-05	-7.89E-03	-1.32E-02	-4.90E-03	-8.16E-04	-7.63E-03	-2.54E-04	-4.49E+00	-3.75E-02	
162	371615	757356	Offsite Worker	-1.34E+00	-6.08E-05	-1.37E-03	-6.85E-03	-6.57E-02	-3.13E-04	-6.29E-03	-6.29E-05	-8.22E-03	-1.37E-02	-5.00E-03	-8.34E-04	-7.95E-03	-2.65E-04	-4.59E+00	-3.83E-02	
163	371523	757356	Offsite Worker	-8.43E-01	-3.83E-05	-1.67E-03	-8.33E-03	-9.03E-02	-4.30E-04	-7.80E-03	-7.80E-05	-9.99E-03	-1.67E-02	-6.15E-03	-1.03E-03	-9.66E-03	-3.22E-04	-5.65E+00	-4.71E-02	
164	371430	757356	Offsite Worker	-4.91E-01	-2.23E-05	-1.99E-03	-9.95E-03	-1.15E-01	-5.98E-04	-9.52E-03	-9.52E-05	-1.19E-02	-1.99E-02	-7.48E-03	-1.25E-03	-1.15E-02	-3.85E-04	-6.86E+00	-5.72E-02	
165	371338	757356	Offsite Worker	-8.38E-01	-3.81E-05	-2.48E-03	-1.24E-02	-1.73E-01	-8.23E-04	-1.21E-02	-1.21E-04	-1.49E-02	-2.48E-02	-9.43E-03	-1.57E-03	-1.44E-02	-4.79E-04	-8.65E+00	-7.21E-02	
166	371245	757356	Offsite Worker	-1.96E+00	-8.92E-05	-3.22E-03	-1.61E-02	-2.37E-01	-1.13E-03	-1.59E-02	-1.59E-04	-1.93E-02	-3.22E-02	-1.24E-02	-2.06E-03	-1.87E-02	-6.23E-04	-1.13E+01	-9.44E-02	
167	371153	757356	Offsite Worker	-3.58E+00	-1.63E-04	-3.95E-03	-1.97E-02	-3.01E-01	-1.43E-03	-1.97E-02	-1.97E-04	-2.37E-02	-3.95E-02	-1.52E-02	-2.54E-03	-2.29E-02	-7.63E-04	-1.40E+01	-1.16E-01	
168	371061	757356	Offsite Worker	-4.96E+00	-2.25E-04	-4.67E-03	-2.33E-02	-3.54E-01	-1.69E-03	-2.33E-02	-2.33E-04	-2.80E-02	-4.67E-02	-1.80E-02	-3.00E-03	-2.71E-02	-9.03E-04	-1.65E+01	-1.37E-01	
169	371005	757357	Offsite Worker	-5.90E+00	-2.68E-04	-4.96E-03	-2.48E-02	-3.78E-01	-1.80E-03	-2.47E-02	-2.47E-04	-2.97E-02	-4.96E-02	-1.91E-02	-3.18E-03	-2.87E-02	-9.58E-04	-1.75E+01	-1.46E-01	
170	370998	757293	Offsite Worker	-4.31E+00	-1.96E-04	-4.42E-03	-2.21E-02	-3.46E-01	-1.65E-03	-2.21E-02	-2.21E-04	-2.65E-02	-4.42E-02	-1.71E-02	-2.85E-03	-2.57E-02	-8.55E-04	-1.57E+01	-1.31E-01	
171	370998	757194	Offsite Worker	4.03E-01	1.83E-05	-2.70E-03	-1.35E-02	-2.00E-01	-9.53E-04	-1.31E-02	-1.31E-04	-1.62E-02	-2.70E-02	-1.04E-02	-1.73E-03	-1.57E-02	-5.23E-04	-9.51E+00	-7.93E-02	
172	370998	757096	Offsite Worker	2.99E-01	1.36E-05	-2.57E-03	-1.28E-02	-1.72E-01	-8.21E-04	-1.23E-02	-1.23E-04	-1.54E-02	-2.57E-02	-9.73E-03	-1.62E-03	-1.49E-02	-4.96E-04	-8.92E+00	-7.44E-02	
173	370998	756998	Offsite Worker	-7.20E+00	-3.27E-04	-2.25E-03	-1.13E-02	-1.10E-01	-5.22E-04	-1.05E-02	-1.05E-04	-1.35E-02	-2.25E-02	-8.24E-03	-1.37E-03	-1.31				

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	xylene, total		arsenic		chlorine		copper		mercury		nickel		vanadium		sulfates	
				(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard	(µg/m ³)	Acute Hazard
CalEPA Acute REL				22000	0.2	210	100	0.6	6	30	120								
196	372651	757422	Offsite Worker	1.38E+00	6.26E-05	-5.55E-04	-2.77E-03	-4.23E-02	-2.01E-04	-2.60E-03	-2.60E-05	-3.33E-03	-5.55E-03	-2.14E-03	-3.56E-04	-3.22E-03	-1.07E-04	-1.96E+00	-1.63E-02
197	372676	757494	Offsite Worker	1.23E+00	5.61E-05	-8.82E-04	-4.41E-03	-6.75E-02	-3.22E-04	-4.30E-03	-4.30E-05	-5.29E-03	-8.82E-03	-3.40E-03	-5.67E-04	-5.11E-03	-1.70E-04	-3.12E+00	-2.60E-02
198	372704	757569	Offsite Worker	2.81E-01	1.28E-05	-1.03E-03	-5.17E-03	-7.75E-02	-3.69E-04	-5.06E-03	-5.06E-05	-6.20E-03	-1.03E-02	-3.97E-03	-6.62E-04	-6.00E-03	-2.00E-04	-3.64E+00	-3.04E-02
199	372733	757645	Offsite Worker	-5.89E-01	-2.68E-05	-1.03E-03	-5.17E-03	-7.63E-02	-3.63E-04	-5.09E-03	-5.09E-05	-6.21E-03	-1.03E-02	-3.97E-03	-6.61E-04	-6.00E-03	-2.00E-04	-3.64E+00	-3.03E-02
200	372746	757702	Offsite Worker	-1.15E+00	-5.22E-05	-8.56E-04	-4.28E-03	-5.99E-02	-2.85E-04	-4.14E-03	-4.14E-05	-5.14E-03	-8.56E-03	-3.26E-03	-5.43E-04	-4.97E-03	-1.66E-04	-2.99E+00	-2.49E-02
201	372746	757768	Offsite Worker	-1.54E+00	-6.99E-05	-9.81E-04	-4.90E-03	-7.36E-02	-3.50E-04	-4.81E-03	-4.81E-05	-5.88E-03	-9.81E-03	-3.77E-03	-6.28E-04	-5.69E-03	-1.90E-04	-3.46E+00	-2.88E-02
202	372807	757781	Offsite Worker	-1.35E+00	-6.15E-05	-8.90E-04	-4.45E-03	-6.47E-02	-3.08E-04	-4.34E-03	-4.34E-05	-5.34E-03	-8.90E-03	-3.41E-03	-5.68E-04	-5.16E-03	-1.72E-04	-3.12E+00	-2.60E-02
203	372901	757782	Offsite Worker	-3.86E-01	-3.80E-05	-5.72E-04	-2.86E-03	-2.75E-02	-1.31E-04	-2.62E-03	-2.62E-05	-3.43E-03	-5.72E-03	-2.09E-03	-3.48E-04	-3.32E-03	-1.11E-04	-1.92E+00	-1.60E-02
204	372994	757783	Offsite Worker	-3.82E-01	-1.74E-05	-8.47E-04	-4.24E-03	-3.96E-02	-1.89E-04	-3.97E-03	-3.97E-05	-5.08E-03	-8.47E-03	-3.09E-03	-5.15E-04	-4.92E-03	-1.64E-04	-2.83E+00	-2.36E-02
205	373087	757783	Offsite Worker	9.89E-02	4.50E-06	-9.61E-04	-4.80E-03	-4.64E-02	-2.21E-04	-4.52E-03	-4.52E-05	-5.76E-03	-9.61E-03	-3.51E-03	-5.85E-04	-5.57E-03	-1.86E-04	-3.22E+00	-2.68E-02
206	373180	757784	Offsite Worker	3.64E-01	1.65E-05	-9.81E-04	-4.90E-03	-4.49E-02	-2.14E-04	-4.58E-03	-4.58E-05	-5.89E-03	-9.81E-03	-3.57E-03	-5.94E-04	-5.69E-03	-1.90E-04	-3.27E+00	-2.73E-02
207	373274	757785	Offsite Worker	4.59E-01	2.09E-05	-9.05E-04	-4.52E-03	-3.58E-02	-1.71E-04	-4.16E-03	-4.16E-05	-5.43E-03	-9.05E-03	-3.25E-03	-5.42E-04	-5.25E-03	-1.75E-04	-2.98E+00	-2.49E-02
208	373367	757786	Offsite Worker	5.43E-01	2.47E-05	-8.36E-04	-4.18E-03	-3.23E-02	-1.54E-04	-3.82E-03	-3.82E-05	-5.02E-03	-8.36E-03	-3.00E-03	-4.99E-04	-4.85E-03	-1.62E-04	-2.75E+00	-2.29E-02
209	373418	757742	Offsite Worker	1.95E+00	8.88E-05	-3.87E-04	-1.93E-03	-1.51E-02	-7.19E-05	-1.65E-03	-1.65E-05	-2.32E-03	-3.87E-03	-1.39E-03	-2.31E-04	-2.24E-03	-7.48E-05	-1.27E+00	-1.06E-02
210	373418	757653	Offsite Worker	2.60E+00	1.18E-04	-3.81E-04	-1.91E-03	-1.06E-02	-5.04E-05	-1.57E-03	-1.57E-05	-2.29E-03	-3.81E-03	-1.34E-03	-2.23E-04	-2.24E-03	-7.47E-05	-1.23E+00	-1.02E-02
211	373419	757564	Offsite Worker	7.52E-01	3.42E-05	-6.14E-04	-3.07E-03	-2.05E-02	-9.77E-05	-2.71E-03	-2.71E-05	-3.69E-03	-6.14E-03	-2.18E-03	-3.63E-04	-3.56E-03	-1.19E-04	-2.00E+00	-1.67E-02
212	373419	757475	Offsite Worker	-3.20E-01	-1.45E-05	-4.58E-04	-2.29E-03	-5.62E-03	-2.68E-05	-1.88E-03	-1.88E-05	-2.75E-03	-4.58E-03	-1.56E-03	-2.59E-04	-2.66E-03	-8.86E-05	-1.43E+00	-1.19E-02
213	373420	757386	Offsite Worker	-2.75E-01	-1.25E-05	-4.55E-04	-2.28E-03	-3.65E-04	-1.74E-06	-1.79E-03	-1.79E-05	-2.73E-03	-4.55E-03	-1.50E-03	-2.51E-04	-2.64E-03	-8.80E-05	-1.38E+00	-1.15E-02
214	373420	757297	Offsite Worker	-3.85E-01	-1.75E-05	-5.69E-04	-2.84E-03	-8.28E-03	-3.94E-05	-2.36E-03	-2.36E-05	-3.41E-03	-5.69E-03	-1.94E-03	-3.23E-04	-3.30E-03	-1.10E-04	-1.78E+00	-1.49E-02
215	373421	757207	Offsite Worker	-4.89E-01	-2.22E-05	-6.99E-04	-3.50E-03	-2.25E-02	-1.07E-04	-3.07E-03	-3.07E-05	-4.20E-03	-6.99E-03	-2.47E-03	-4.12E-04	-4.06E-03	-1.35E-04	-2.27E+00	-1.89E-02
216	373421	757118	Offsite Worker	-1.02E+00	-4.64E-05	-8.05E-04	-4.02E-03	-4.70E-02	-2.24E-04	-3.74E-03	-3.74E-05	-4.83E-03	-8.05E-03	-3.00E-03	-5.00E-04	-4.67E-03	-1.56E-04	-2.75E+00	-2.29E-02
217	373292	757117	Offsite Worker	-8.25E-01	-3.75E-05	-8.07E-04	-4.03E-03	-4.85E-02	-2.31E-04	-3.75E-03	-3.75E-05	-4.84E-03	-8.07E-03	-3.01E-03	-5.02E-04	-4.68E-03	-1.56E-04	-2.77E+00	-2.31E-02
218	373213	757118	Offsite Worker	-5.86E-01	-2.66E-05	-7.09E-04	-3.54E-03	-4.09E-02	-1.95E-04	-3.25E-03	-3.25E-05	-4.25E-03	-7.09E-03	-2.64E-03	-4.39E-04	-4.11E-03	-1.37E-04	-2.42E+00	-2.02E-02
219	373158	757066	Offsite Worker	-7.40E-01	-3.36E-05	-7.61E-04	-3.80E-03	-5.08E-02	-2.42E-04	-3.55E-03	-3.55E-05	-4.57E-03	-7.61E-03	-2.88E-03	-4.80E-04	-4.41E-03	-1.47E-04	-2.64E+00	-2.20E-02
220	373084	757026	Offsite Worker	-7.43E-01	-3.38E-05	-7.65E-04	-3.83E-03	-5.27E-02	-2.51E-04	-3.58E-03	-3.58E-05	-4.59E-03	-7.65E-03	-2.91E-03	-4.85E-04	-4.44E-03	-1.48E-04	-2.67E+00	-2.22E-02
221	373009	757011	Offsite Worker	-5.54E-01	-2.52E-05	-7.10E-04	-3.55E-03	-4.94E-02	-2.35E-04	-3.31E-03	-3.31E-05	-4.26E-03	-7.10E-03	-2.70E-03	-4.50E-04	-4.12E-03	-1.37E-04	-2.48E+00	-2.07E-02
222	372922	757009	Offsite Worker	-1.13E-01	-5.13E-06	-6.44E-04	-3.22E-03	-4.48E-02	-2.13E-04	-2.96E-03	-2.96E-05	-3.86E-03	-6.44E-03	-2.45E-03	-4.08E-04	-3.73E-03	-1.24E-04	-2.25E+00	-1.87E-02
223	372835	757007	Offsite Worker	-3.89E-01	-1.77E-05	-6.74E-04	-3.37E-03	-4.91E-02	-2.34E-04	-3.12E-03	-3.12E-05	-4.05E-03	-6.74E-03	-2.58E-03	-4.30E-04	-3.91E-03	-1.30E-04	-2.37E+00	-1.97E-02
224	372747	757006	Offsite Worker	8.88E-01	4.04E-05	-5.73E-04	-2.87E-03	-3.82E-02	-1.82E-04	-2.59E-03	-2.59E-05	-3.44E-03	-5.73E-03	-2.17E-03	-3.61E-04	-3.32E-03	-1.11E-04	-1.99E+00	-1.66E-02
225	372660	757004	Offsite Worker	6.17E+00	2.81E-04	3.44E-05	1.72E-04	2.65E-03	1.26E-05	5.21E-04	5.21E-06	2.06E-04	3.44E-04	1.33E-04	2.21E-05	2.00E-04	6.65E-06	1.22E-01	1.01E-02
226	372651	757063	Offsite Worker	1.02E+01	4.62E-04	1.02E-03	5.12E-03	7.28E-02	3.47E-04	5.72E-03	5.72E-05	6.15E-03	1.02E-02	3.91E-03	6.51E-04	5.94E-03	1.98E-04	3.59E+00	2.99E-02
227	372629	756931	Offsite Worker	2.63E+00	1.19E-04	-3.75E-04	-1.87E-03	-2.29E-02	-1.09E-04	-1.56E-03	-1.56E-05	-2.25E-03	-3.75E-03	-1.40E-03	-2.34E-04	-2.17E-03	-7.24E-05	-1.29E+00	-1.07E-02
228	372631	756857	Offsite Worker	2.58E+00	1.17E-04	-1.32E-04	-6.58E-04	-7.80E-03	-3.72E-05	-3.27E-04	-3.27E-06	-7.89E-04	-1.32E-03	-4.91E-04	-8.18E-05	-7.63E-04	-2.54E-05	-4.51E-01	-3.76E-03
229	372634	756783	Offsite Worker	1.86E+00	8.47E-05	-2.37E-04	-1.18E-03	-1.45E-02	-6.92E-05	-8.01E-04	-8.01E-06	-1.42E-03	-2.37E-03	-8.88E-04	-1.48E-04	-1.37E-03	-4.58E-05	-8.15E-01	-6.79E-03
230	372702	756778	Offsite Worker	1.40E+00	6.34E-05	-3.84E-04	-1.92E-03	-2.70E-02	-1.28E-04	-1.55E-03	-1.55E-05	-2.31E-03	-3.84E-03	-1.46E-03	-2.44E-04	-2.23E-03	-7.43E-05	-1.34E+00	-1.12E-02
231	372756	756775	Offsite Worker	1.23E+00	5.58E-05	-3.60E-04	-1.80E-03	-2.59E-02	-1.23E-04	-1.44E-03	-1.44E-05	-2.16E-03	-3.60E-03	-1.38E-03	-2.29E-04	-2.09E-03	-6.96E-05	-1.26E+00	-1.05E-02
232	372729	756712	Offsite Worker	2.30E+00	1.05E-04	-1.35E-04	-6.76E-04	-7.47E-03	-3.55E-05	-1.50E-04	-1.50E-06	-8.11E-04	-1.35E-03	-5.01E-04	-8.34E-05	-7.84E-04	-2.61E-05	-4.59E-01	-3.83E-03
233	372703	756650	Offsite Worker	1.70E+00	7.73E-05	2.03E-05	1.02E-04	6.89E-03	3.28E-05	8.71E-04	8.71E-06	1.22E-04	2.03E-04	1.16E-04	1.94E-05	1.16E-04	3.93E-06	1.06E-01	8.84E-04
234	372677	756588	Offsite Worker	2.28E+00	1.04E-04	1.06E-04	5.28E-04	9.98E-03	4.75E-05	1.34E-03	1.34E-05	6.34E-04	1.06E-03	4.21E-04	7.02E-05	6.13E-04	2.04E-05	3.86E-01	3.22E-03
235	372619	756588	Offsite Worker	1.92E+00	8.74E-05	4.01E-04	2.00E-03	3.32E-02	1.58E-04	2.90E-03	2.90E-05	2.40E-03	4.01E-03	1.56E-03	2.60E-04	2.32E-03	7.74E-05	1.43E+00	1.19E-02
236	372622	756509	Offsite Worker	6.11E-01	2.78E-05	-6.28E-04	-3.14E-03	-4.65E-02	-2.22E-04	-2.59E-03	-2.59E-05	-3.77E-03	-6.28E-03	-2.41E-03	-4.02E-04	-3.64E-03	-1.21E-04	-2.21E+00	-1.84E-02
237	372700	756511	Offsite Worker	6.30E-01	2.87E-05	-5.49E-04	-2.75E-03	-4.01E-02	-1.91E-04	-2.41E-03	-2.41E-05	-3.30E-03	-5.49E-03	-2.10E-03	-3.51E-04	-3.19E-03	-1.06E-04	-1.93E+00	-1.61E-02
238	372789	756510	Offsite Worker	2.56E-01	1.17E-05	-5.23E-04	-2.62E-03	-3.71E-02	-1.76E-04	-2.33E-03	-2.33E-05	-3.14E-03	-5.23E-03	-2.00E-03	-3.33E-04	-3.03E-03	-1.01E-04	-1.83E+00	-1.53E-02
239	372871	756509	Offsite Worker	-1.68E-01	-7.65E-06	-5.59E-04	-2.79E-03	-3.69E-02	-1.76E-04	-2.46E-03	-2.46E-05	-3.35E-03	-5.59E-03	-2.11E-03	-3.52E-04	-3.24E-03	-1.08E-04	-1.94E+00	-1.61E-02
240	372871	756437	Offsite Worker	-1.04E+00	-4.71E-05	-1.34E-03	-6.69E-03	-9.14E-02	-4.35E-04	-6.39E-03	-6.39E-05	-8.02E-03	-1.34E-02	-5.08E-03	-8.46E-04	-7.76E-03	-2.59E-04	-4.66E+00	-3.88E-02
241	372970	756437	Offsite Worker	-8.47E-01	-3.85E-05	-1.55E-03	-7.75E-03	-1.04E-01	-4.97E-04	-7.43E-03	-7.43E-05	-9.30E-03	-1.55E-02	-5.87E-03	-9.79E-04	-8.99E-03	-3.00E-04	-5.39E+00	-4.49E-02
242	373069	756437	Offsite Worker	-8.33E-01	-3.79E-05	-1.34E-03	-6.68E-03	-9.09E-02	-4.33E-04	-6.38E-03	-6.38E-05	-8.01E-03	-1.34E-						

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	xy/ene, total (µg/m ³)	xy/ene, total Acute Hazard	arsenic (µg/m ³)	arsenic Acute Hazard	chlorine (µg/m ³)	chlorine Acute Hazard	copper (µg/m ³)	copper Acute Hazard	mercury (µg/m ³)	mercury Acute Hazard	nickel (µg/m ³)	nickel Acute Hazard	vanadium (µg/m ³)	vanadium Acute Hazard	sulfates (µg/m ³)	sulfates Acute Hazard
			CalEPA Acute REL	22000	0.2	210	100	0.6	6	30	120								
261	373007	755733	Offsite Worker	-1.74E+00	-7.89E-05	-1.70E-03	-8.48E-03	-1.21E-01	-5.74E-04	-8.28E-03	-8.28E-05	-1.02E-02	-1.70E-02	-6.47E-03	-1.08E-03	-9.84E-03	-3.28E-04	-5.94E+00	-4.95E-02
262	372941	755733	Offsite Worker	-1.89E+00	-8.59E-05	-1.79E-03	-8.93E-03	-1.26E-01	-6.01E-04	-8.74E-03	-8.74E-05	-1.07E-02	-1.79E-02	-6.81E-03	-1.14E-03	-1.04E-02	-3.45E-04	-6.25E+00	-5.21E-02
263	372941	755636	Offsite Worker	-1.37E+00	-6.24E-05	-1.89E-03	-9.47E-03	-1.30E-01	-6.20E-04	-9.39E-03	-9.39E-05	-1.14E-02	-1.89E-02	-7.20E-03	-1.20E-03	-1.10E-02	-3.66E-04	-6.60E+00	-5.50E-02
264	372941	755539	Offsite Worker	-1.75E+00	-7.94E-05	-1.86E-03	-9.32E-03	-1.30E-01	-6.18E-04	-9.26E-03	-9.26E-05	-1.12E-02	-1.86E-02	-7.10E-03	-1.18E-03	-1.08E-02	-3.60E-04	-6.51E+00	-5.42E-02
265	372941	755442	Offsite Worker	-1.43E+00	-6.49E-05	-2.42E-03	-1.21E-02	-1.65E-01	-7.86E-04	-1.20E-02	-1.20E-04	-1.45E-02	-2.42E-02	-9.19E-03	-1.53E-03	-1.40E-02	-4.68E-04	-8.43E+00	-7.03E-02
266	372913	755342	Offsite Worker	-1.91E+00	-8.70E-05	-3.67E-03	-1.84E-02	-2.54E-01	-1.21E-03	-1.84E-02	-1.84E-04	-2.20E-02	-3.67E-02	-1.40E-02	-2.33E-03	-2.13E-02	-7.10E-04	-1.28E+01	-1.07E-01
267	372817	755346	Offsite Worker	-2.45E+00	-1.12E-04	-4.60E-03	-2.30E-02	-3.19E-01	-1.52E-03	-2.31E-02	-2.31E-04	-2.76E-02	-4.60E-02	-1.75E-02	-2.91E-03	-2.67E-02	-8.89E-04	-1.60E+01	-1.34E-01
268	372720	755349	Offsite Worker	-3.37E+00	-1.53E-04	-6.99E-03	-3.49E-02	-4.81E-01	-2.29E-03	-3.53E-02	-3.53E-04	-4.19E-02	-6.99E-02	-2.66E-02	-4.43E-03	-4.05E-02	-1.35E-03	-2.44E+01	-2.03E-01
269	372624	755352	Offsite Worker	-4.64E+00	-2.11E-04	-1.01E-02	-5.06E-02	-6.99E-01	-3.33E-03	-5.12E-02	-5.12E-04	-6.07E-02	-1.01E-01	-3.85E-02	-6.41E-03	-5.87E-02	-1.96E-03	-3.53E+01	-2.94E-01
270	372527	755349	Offsite Worker	-4.81E+00	-2.19E-04	-7.00E-03	-3.50E-02	-4.89E-01	-2.33E-03	-3.54E-02	-3.54E-04	-4.20E-02	-7.00E-02	-2.66E-02	-4.44E-03	-4.06E-02	-1.35E-03	-2.44E+01	-2.04E-01
271	372431	755353	Offsite Worker	-3.98E+00	-1.81E-04	-6.36E-03	-3.18E-02	-4.41E-01	-2.10E-03	-3.21E-02	-3.21E-04	-3.82E-02	-6.36E-02	-2.42E-02	-4.03E-03	-3.69E-02	-1.23E-03	-2.22E+01	-1.85E-01
272	372334	755356	Offsite Worker	-3.24E+00	-1.47E-04	-6.31E-03	-3.15E-02	-4.41E-01	-2.10E-03	-3.19E-02	-3.19E-04	-3.78E-02	-6.31E-02	-2.40E-02	-4.00E-03	-3.66E-02	-1.22E-03	-2.20E+01	-1.84E-01
273	372237	755359	Offsite Worker	-3.58E+00	-1.63E-04	-6.28E-03	-3.14E-02	-4.42E-01	-2.10E-03	-3.18E-02	-3.18E-04	-3.77E-02	-6.28E-02	-2.39E-02	-3.64E-03	-3.64E-02	-1.21E-03	-2.20E+01	-1.83E-01
274	372141	755362	Offsite Worker	-2.53E+00	-1.15E-04	-1.13E-02	-5.66E-02	-7.95E-01	-3.78E-03	-5.76E-02	-5.76E-04	-6.80E-02	-1.13E-01	-4.31E-02	-7.19E-03	-6.57E-02	-2.19E-03	-3.96E+01	-3.30E-01
275	372044	755366	Offsite Worker	-2.19E+00	-9.96E-05	-1.12E-02	-5.62E-02	-7.89E-01	-3.76E-03	-5.71E-02	-5.71E-04	-6.74E-02	-1.12E-01	-4.28E-02	-7.13E-03	-6.52E-02	-2.17E-03	-3.93E+01	-3.27E-01
276	371948	755369	Offsite Worker	-1.51E+00	-6.87E-05	-6.03E-03	-3.01E-02	-4.24E-01	-2.02E-03	-3.05E-02	-3.05E-04	-3.62E-02	-6.03E-02	-2.30E-02	-3.83E-03	-3.50E-02	-1.17E-03	-2.11E+01	-1.76E-01
277	371851	755372	Offsite Worker	-2.98E+00	-1.36E-04	-4.82E-03	-2.41E-02	-3.38E-01	-1.61E-03	-2.43E-02	-2.43E-04	-2.89E-02	-4.82E-02	-1.84E-02	-3.06E-03	-2.80E-02	-9.33E-04	-1.69E+01	-1.40E-01
278	371755	755375	Offsite Worker	-5.11E+00	-2.32E-04	-4.91E-03	-2.45E-02	-3.42E-01	-1.63E-03	-2.47E-02	-2.47E-04	-2.94E-02	-4.91E-02	-1.87E-02	-3.11E-03	-2.85E-02	-9.49E-04	-1.71E+01	-1.43E-01
279	371658	755378	Offsite Worker	-6.83E+00	-3.10E-04	-4.83E-03	-2.41E-02	-3.35E-01	-1.60E-03	-2.42E-02	-2.42E-04	-2.90E-02	-4.83E-02	-1.84E-02	-3.06E-03	-2.80E-02	-9.34E-04	-1.69E+01	-1.40E-01
280	371562	755382	Offsite Worker	-5.11E+00	-2.32E-04	-3.99E-03	-2.00E-02	-2.77E-01	-1.32E-03	-2.00E-02	-2.00E-04	-2.40E-02	-3.99E-02	-1.52E-02	-2.53E-03	-2.32E-02	-7.72E-04	-1.39E+01	-1.16E-01
281	371465	755385	Offsite Worker	-4.06E+00	-1.85E-04	-3.09E-03	-1.55E-02	-2.15E-01	-1.02E-03	-1.55E-02	-1.55E-04	-1.85E-02	-3.09E-02	-1.18E-02	-1.96E-03	-1.79E-02	-5.98E-04	-1.08E+01	-8.99E-02
282	371368	755388	Offsite Worker	-3.44E+00	-1.56E-04	-2.45E-03	-1.23E-02	-1.72E-01	-8.20E-04	-1.23E-02	-1.23E-04	-1.47E-02	-2.45E-02	-9.35E-03	-1.56E-03	-1.42E-02	-4.74E-04	-8.57E+00	-7.15E-02
283	371272	755391	Offsite Worker	3.99E-02	1.81E-06	-2.16E-03	-1.08E-02	-1.59E-01	-7.58E-04	-1.08E-02	-1.08E-04	-1.29E-02	-2.16E-02	-8.27E-03	-1.38E-03	-1.25E-02	-4.17E-04	-7.59E+00	-6.32E-02
284	371175	755395	Offsite Worker	9.72E-02	4.42E-06	-2.26E-03	-1.13E-02	-1.67E-01	-7.95E-04	-1.13E-02	-1.13E-04	-1.36E-02	-2.26E-02	-8.68E-03	-1.45E-03	-1.31E-02	-4.38E-04	-7.96E+00	-6.64E-02
285	371079	755398	Offsite Worker	-2.31E+00	-1.05E-04	-2.23E-03	-1.12E-02	-1.61E-01	-7.65E-04	-1.11E-02	-1.11E-04	-1.34E-02	-2.23E-02	-8.53E-03	-1.42E-03	-1.29E-02	-4.31E-04	-7.82E+00	-6.52E-02
286	371042	755478	Offsite Worker	-2.16E+00	-9.82E-05	-2.38E-03	-1.19E-02	-1.76E-01	-8.38E-04	-1.20E-02	-1.20E-04	-1.43E-02	-2.38E-02	-9.14E-03	-1.52E-03	-1.38E-02	-4.61E-04	-8.39E+00	-6.99E-02
287	371009	755538	Offsite Worker	-9.85E-01	-4.48E-05	-2.36E-03	-1.18E-02	-1.84E-01	-8.75E-04	-1.20E-02	-1.20E-04	-1.42E-02	-2.36E-02	-9.12E-03	-1.52E-03	-1.37E-02	-4.56E-04	-8.37E+00	-6.97E-02
288	370975	755597	Offsite Worker	-4.19E-01	-1.91E-05	-2.84E-03	-1.42E-02	-2.18E-01	-1.04E-03	-1.44E-02	-1.44E-04	-1.70E-02	-2.84E-02	-1.09E-02	-1.82E-03	-1.64E-02	-5.48E-04	-1.00E+01	-8.36E-02
289	370925	755597	Offsite Worker	-1.45E+00	-6.61E-05	-3.22E-03	-1.61E-02	-2.42E-01	-1.15E-03	-1.63E-02	-1.63E-04	-1.93E-02	-3.22E-02	-1.24E-02	-2.07E-03	-1.87E-02	-6.23E-04	-1.14E+01	-9.47E-02
290	370860	755547	Offsite Worker	-4.54E+00	-2.06E-04	-3.70E-03	-1.85E-02	-2.79E-01	-1.33E-03	-1.88E-02	-1.88E-04	-2.22E-02	-3.70E-02	-1.42E-02	-2.37E-03	-2.14E-02	-7.15E-04	-1.30E+01	-1.09E-01
291	370796	755497	Offsite Worker	-3.83E+00	-1.74E-04	-4.36E-03	-2.18E-02	-3.13E-01	-1.49E-03	-2.20E-02	-2.20E-04	-2.62E-02	-4.36E-02	-1.67E-02	-2.78E-03	-2.53E-02	-8.44E-04	-1.53E+01	-1.27E-01
292	370733	755428	Offsite Worker	-1.46E+00	-6.63E-05	-3.83E-03	-1.91E-02	-2.80E-01	-1.33E-03	-1.94E-02	-1.94E-04	-2.30E-02	-3.83E-02	-1.47E-02	-2.44E-03	-2.22E-02	-7.40E-04	-1.35E+01	-1.12E-01
293	370634	755428	Offsite Worker	-4.82E+00	-2.19E-04	-4.35E-03	-2.17E-02	-3.06E-01	-1.46E-03	-2.17E-02	-2.17E-04	-2.61E-02	-4.35E-02	-1.66E-02	-2.76E-03	-2.52E-02	-8.41E-04	-1.52E+01	-1.27E-01
294	370536	755428	Offsite Worker	3.68E-01	1.67E-05	-5.73E-03	-2.86E-02	-3.98E-01	-1.90E-03	-2.85E-02	-2.85E-04	-3.44E-02	-5.73E-02	-2.18E-02	-3.63E-03	-3.32E-02	-1.11E-03	-2.00E+01	-1.67E-01
295	370437	755428	Offsite Worker	-3.85E+00	-1.75E-04	-6.14E-03	-3.07E-02	-4.32E-01	-2.06E-03	-3.08E-02	-3.08E-04	-3.69E-02	-6.14E-02	-2.34E-02	-3.90E-03	-3.56E-02	-1.19E-03	-2.15E+01	-1.79E-01
296	370338	755427	Offsite Worker	-3.41E+00	-1.55E-04	-5.99E-03	-3.00E-02	-4.25E-01	-2.02E-03	-3.01E-02	-3.01E-04	-3.59E-02	-5.99E-02	-2.29E-02	-3.81E-03	-3.47E-02	-1.16E-03	-2.10E+01	-1.75E-01
307	369249	755442	Offsite Worker	-8.19E-01	-3.72E-05	-2.07E-03	-1.03E-02	-1.40E-01	-6.65E-04	-1.01E-02	-1.01E-04	-1.24E-02	-2.07E-02	-7.84E-03	-1.31E-03	-1.20E-02	-4.00E-04	-7.19E+00	-5.99E-02
308	369151	755442	Offsite Worker	-5.77E-01	-2.62E-05	-1.80E-03	-8.99E-03	-1.16E-01	-5.53E-04	-8.71E-03	-8.71E-05	-1.08E-02	-1.80E-02	-6.78E-03	-1.13E-03	-1.04E-02	-3.47E-04	-6.22E+00	-5.18E-02
309	369052	755442	Offsite Worker	-1.27E+00	-5.77E-05	-1.50E-03	-7.52E-03	-8.97E-02	-4.27E-04	-7.16E-03	-7.16E-05	-9.02E-03	-1.50E-02	-5.62E-03	-9.36E-04	-8.72E-03	-2.91E-04	-5.15E+00	-4.29E-02
320	368035	755402	Offsite Worker	-2.47E-01	-1.12E-05	-1.52E-03	-7.59E-03	-1.08E-01	-5.16E-04	-7.50E-03	-7.50E-05	-9.11E-03	-1.52E-02	-5.80E-03	-9.66E-04	-8.81E-03	-2.94E-04	-5.32E+00	-4.43E-02
321	367960	755389	Offsite Worker	-2.24E-01	-1.02E-05	-1.53E-03	-7.66E-03	-1.10E-01	-5.23E-04	-7.58E-03	-7.58E-05	-9.19E-03	-1.53E-02	-5.85E-03	-9.75E-04	-8.88E-03	-2.96E-04	-5.37E+00	-4.47E-02
322	367863	755390	Offsite Worker	-4.97E-02	-2.26E-06	-1.44E-03	-7.20E-03	-1.08E-01	-5.16E-04	-7.16E-03	-7.16E-05	-8.64E-03	-1.44E-02	-5.54E-03	-9.23E-04	-8.35E-03	-2.78E-04	-5.08E+00	-4.23E-02
323	367766	755392	Offsite Worker	2.17E-01	9.87E-06	-1.24E-03	-6.20E-03	-9.26E-02	-4.41E-04	-6.15E-03	-6.15E-05	-7.44E-03	-1.24E-02	-4.77E-03	-7.94E-04	-7.19E-03	-2.40E-04	-4.37E+00	-3.64E-02
324	367669	755393	Offsite Worker	-4.13E-01	-1.88E-05	-9.80E-04	-4.90E-03	-7.39E-02	-3.52E-04	-4.83E-03	-4.83E-05	-5.88E-03	-9.80E-03	-3.77E-03	-6.28E-04	-5.68E-03	-1.89E-04	-3.46E+00	-2.88E-02
325	367572	755394	Offsite Worker	-1.07E+00	-4.84E-05	-8.34E-04	-4.17E-03	-6.09E-02	-2.90E-04	-4.04E-03	-4.04E-05	-5.01E-03	-8.34E-03	-3.20E-03	-5.33E-04	-4.84E-03	-1.61E-04	-2.93E+00	-2.44E-02
326	367475	755395	Offsite Worker	-1.42E+00	-6.45E-05	-9.34E-04	-4.67E-03	-6.41E-02	-3.05E-04	-4.53E-03	-4.53E-05	-5.60E-03	-9.34E-03	-3.55E-03	-5.91E-04	-5.42E-03	-1.81E-04	-3.25E+00	-2.71E-02
327	370400	756850	On-Site Occupational	-9.97E+00	-4.53E-04	-4.25E-03	-2.12E-02	-3.21E-01	-1.53E-03	-2.14E-02	-2.14E-04	-2.55E-02	-4.25E-02	-1.64E-02	-2.73E-03	-2.46E-02	-8		

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	χ /elemental total ($\mu\text{g}/\text{m}^3$)	χ /elemental total Acute Hazard	arsenic ($\mu\text{g}/\text{m}^3$)	arsenic Acute Hazard	chlorine ($\mu\text{g}/\text{m}^3$)	chlorine Acute Hazard	copper ($\mu\text{g}/\text{m}^3$)	copper Acute Hazard	mercury ($\mu\text{g}/\text{m}^3$)	mercury Acute Hazard	nickel ($\mu\text{g}/\text{m}^3$)	nickel Acute Hazard	vanadium ($\mu\text{g}/\text{m}^3$)	vanadium Acute Hazard	sulfates ($\mu\text{g}/\text{m}^3$)	sulfates Acute Hazard
			CalEPA Acute REL		22000		0.2		210		100		0.6		6		30		120
19	366685	756985	Recreational	1.97E-02	8.97E-07	-7.70E-04	-3.85E-03	-5.20E-02	-2.48E-04	-3.68E-03	-3.68E-05	-4.62E-03	-7.70E-03	-2.92E-03	-4.87E-04	-4.47E-03	-1.49E-04	-2.68E+00	-2.23E-02
20	366646	757074	Recreational	-6.08E-01	-2.76E-05	-8.04E-04	-4.02E-03	-5.59E-02	-2.66E-04	-3.88E-03	-3.88E-05	-4.82E-03	-8.04E-03	-3.06E-03	-5.10E-04	-4.66E-03	-1.55E-04	-2.80E+00	-2.34E-02
21	366607	757162	Recreational	-7.77E-01	-3.53E-05	-8.18E-04	-4.09E-03	-6.01E-02	-2.86E-04	-4.00E-03	-4.00E-05	-4.91E-03	-8.18E-03	-3.14E-03	-5.23E-04	-4.75E-03	-1.58E-04	-2.88E+00	-2.40E-02
22	366569	757250	Recreational	-9.37E-01	-4.26E-05	-8.75E-04	-4.38E-03	-5.82E-02	-2.77E-04	-4.21E-03	-4.21E-05	-5.25E-03	-8.75E-03	-3.31E-03	-5.52E-04	-5.08E-03	-1.69E-04	-3.04E+00	-2.53E-02
23	366530	757338	Recreational	-1.13E+00	-5.12E-05	-8.12E-04	-4.06E-03	-5.48E-02	-2.61E-04	-3.90E-03	-3.90E-05	-4.87E-03	-8.12E-03	-3.08E-03	-5.13E-04	-4.71E-03	-1.57E-04	-2.82E+00	-2.35E-02
24	366492	757427	Recreational	-7.57E-01	-3.44E-05	-7.28E-04	-3.64E-03	-4.89E-02	-2.33E-04	-3.49E-03	-3.49E-05	-4.37E-03	-7.28E-03	-2.76E-03	-4.60E-04	-4.22E-03	-1.41E-04	-2.53E+00	-2.11E-02
25	366453	757515	Recreational	-3.95E-01	-1.79E-05	-7.53E-04	-3.77E-03	-5.25E-02	-2.50E-04	-3.65E-03	-3.65E-05	-4.52E-03	-7.53E-03	-2.87E-03	-4.78E-04	-4.37E-03	-1.46E-04	-2.63E+00	-2.19E-02
26	366415	757603	Recreational	-3.20E-01	-1.45E-05	-7.90E-04	-3.95E-03	-5.63E-02	-2.68E-04	-3.84E-03	-3.84E-05	-4.74E-03	-7.90E-03	-3.02E-03	-5.03E-04	-4.58E-03	-1.53E-04	-2.77E+00	-2.31E-02
27	366376	757692	Recreational	-3.33E-01	-1.51E-05	-7.72E-04	-3.86E-03	-5.49E-02	-2.62E-04	-3.73E-03	-3.73E-05	-4.63E-03	-7.72E-03	-2.95E-03	-4.91E-04	-4.48E-03	-1.49E-04	-2.70E+00	-2.25E-02
84	369336	758100	Recreational	7.18E-01	3.26E-05	-1.73E-03	-8.65E-03	-1.22E-01	-5.83E-04	-8.45E-03	-8.45E-05	-1.04E-02	-1.73E-02	-6.60E-03	-1.10E-03	-1.00E-02	-3.35E-04	-6.05E+00	-5.04E-02
85	369269	758170	Recreational	1.31E+00	5.94E-05	-1.79E-03	-8.96E-03	-1.26E-01	-5.98E-04	-8.78E-03	-8.78E-05	-1.08E-02	-1.79E-02	-6.83E-03	-1.14E-03	-1.04E-02	-3.47E-04	-6.26E+00	-5.22E-02
86	369202	758239	Recreational	1.19E+00	5.39E-05	-1.84E-03	-9.22E-03	-1.30E-01	-6.17E-04	-9.10E-03	-9.10E-05	-1.11E-02	-1.84E-02	-7.03E-03	-1.17E-03	-1.07E-02	-3.56E-04	-6.44E+00	-5.37E-02
87	369264	758285	Recreational	1.05E+00	4.78E-05	-1.30E-03	-6.48E-03	-9.18E-02	-4.37E-04	-6.28E-03	-6.28E-05	-7.78E-03	-1.30E-02	-4.95E-03	-8.24E-04	-7.52E-03	-2.51E-04	-4.54E+00	-3.78E-02
88	369326	758300	Recreational	5.86E-01	2.66E-05	-1.55E-03	-7.74E-03	-1.09E-01	-5.18E-04	-7.58E-03	-7.58E-05	-9.29E-03	-1.55E-02	-5.90E-03	-9.83E-04	-8.98E-03	-2.99E-04	-5.41E+00	-4.51E-02
89	369389	758376	Recreational	7.58E-02	3.45E-06	-1.49E-03	-7.40E-03	-1.04E-01	-4.97E-04	-7.27E-03	-7.27E-05	-8.88E-03	-1.48E-02	-5.64E-03	-9.41E-04	-8.98E-03	-2.86E-04	-5.18E+00	-4.31E-02
90	369389	758462	Recreational	-1.36E-01	-6.19E-06	-1.31E-03	-6.55E-03	-9.23E-02	-4.40E-04	-6.40E-03	-6.40E-05	-7.87E-03	-1.31E-02	-5.00E-03	-8.33E-04	-7.60E-03	-2.53E-04	-4.58E+00	-3.82E-02
91	369389	758548	Recreational	-3.26E-01	-1.48E-05	-1.30E-03	-6.50E-03	-9.04E-02	-4.30E-04	-6.33E-03	-6.33E-05	-7.80E-03	-1.30E-02	-4.94E-03	-8.24E-04	-7.54E-03	-2.51E-04	-4.54E+00	-3.78E-02
28	366338	757780	Residential	-1.38E-01	-6.26E-06	-6.89E-04	-3.44E-03	-4.84E-02	-2.30E-04	-3.29E-03	-3.29E-05	-4.13E-03	-6.89E-03	-2.62E-03	-4.37E-04	-3.99E-03	-1.33E-04	-2.41E+00	-2.01E-02
29	366402	757746	Residential	-1.80E-01	-8.20E-06	-7.17E-04	-3.58E-03	-5.03E-02	-2.39E-04	-3.43E-03	-3.43E-05	-4.30E-03	-7.17E-03	-2.73E-03	-4.55E-04	-4.16E-03	-1.39E-04	-2.50E+00	-2.09E-02
30	366467	757713	Residential	-2.21E-01	-1.00E-05	-7.58E-04	-3.79E-03	-5.34E-02	-2.54E-04	-3.64E-03	-3.64E-05	-4.55E-03	-7.58E-03	-2.89E-03	-4.81E-04	-4.39E-03	-1.46E-04	-2.65E+00	-2.21E-02
31	366531	757679	Residential	-2.68E-01	-1.22E-05	-7.95E-04	-3.97E-03	-5.63E-02	-2.68E-04	-3.83E-03	-3.83E-05	-4.77E-03	-7.95E-03	-3.03E-03	-5.05E-04	-4.61E-03	-1.54E-04	-2.78E+00	-2.32E-02
32	366567	757773	Residential	3.81E-02	1.73E-06	-7.40E-04	-3.70E-03	-5.23E-02	-2.49E-04	-3.55E-03	-3.55E-05	-4.44E-03	-7.40E-03	-2.82E-03	-4.70E-04	-4.29E-03	-1.43E-04	-2.59E+00	-2.16E-02
33	366625	757758	Residential	4.39E-02	1.99E-06	-7.53E-04	-3.76E-03	-5.30E-02	-2.52E-04	-3.61E-03	-3.61E-05	-4.52E-03	-7.53E-03	-2.87E-03	-4.78E-04	-4.37E-03	-1.46E-04	-2.63E+00	-2.19E-02
34	366682	757744	Residential	4.93E-02	2.24E-06	-7.66E-04	-3.83E-03	-5.38E-02	-2.56E-04	-3.67E-03	-3.67E-05	-4.59E-03	-7.66E-03	-2.92E-03	-4.86E-04	-4.44E-03	-1.48E-04	-2.68E+00	-2.23E-02
35	366768	757788	Residential	-1.98E-01	-8.98E-06	-8.05E-04	-4.03E-03	-5.47E-02	-2.73E-04	-3.88E-03	-3.88E-05	-4.83E-03	-8.05E-03	-3.07E-03	-5.12E-04	-4.67E-03	-1.56E-04	-2.82E+00	-2.35E-02
36	366854	757833	Residential	-7.61E-01	-3.46E-05	-9.20E-04	-4.60E-03	-6.46E-02	-3.08E-04	-4.44E-03	-4.44E-05	-5.52E-03	-9.20E-03	-3.50E-03	-5.84E-04	-5.33E-03	-1.78E-04	-3.21E+00	-2.68E-02
37	366941	757877	Residential	-9.44E-01	-4.29E-05	-1.01E-03	-5.03E-03	-7.16E-02	-3.41E-04	-4.89E-03	-4.89E-05	-6.04E-03	-1.01E-02	-3.84E-03	-6.40E-04	-5.84E-03	-1.95E-04	-3.52E+00	-2.94E-02
38	367027	757922	Residential	-6.71E-01	-3.05E-05	-1.05E-03	-5.23E-03	-7.66E-02	-3.65E-04	-5.13E-03	-5.13E-05	-6.28E-03	-1.05E-02	-4.01E-03	-6.68E-04	-6.07E-03	-2.02E-04	-3.68E+00	-3.07E-02
39	367113	757966	Residential	1.18E-01	5.35E-06	-1.17E-03	-5.85E-03	-8.49E-02	-4.05E-04	-5.74E-03	-5.74E-05	-7.01E-03	-1.17E-02	-4.47E-03	-7.46E-04	-6.78E-03	-2.26E-04	-4.10E+00	-3.42E-02
40	367192	757916	Residential	-7.59E-02	-3.45E-06	-1.20E-03	-6.00E-03	-8.71E-02	-4.15E-04	-5.89E-03	-5.89E-05	-7.19E-03	-1.20E-02	-4.59E-03	-7.65E-04	-6.95E-03	-2.32E-04	-4.21E+00	-3.51E-02
41	367264	757916	Residential	8.46E-02	3.84E-06	-1.25E-03	-6.24E-03	-9.02E-02	-4.30E-04	-6.12E-03	-6.12E-05	-7.48E-03	-1.25E-02	-4.77E-03	-7.95E-04	-7.24E-03	-2.41E-04	-4.38E+00	-3.65E-02
42	367335	757916	Residential	2.68E-01	1.22E-05	-1.25E-03	-6.24E-03	-9.03E-02	-4.30E-04	-6.09E-03	-6.09E-05	-7.49E-03	-1.25E-02	-4.77E-03	-7.96E-04	-7.24E-03	-2.41E-04	-4.38E+00	-3.65E-02
43	367343	757966	Residential	7.75E-01	3.52E-05	-1.10E-03	-5.49E-03	-8.06E-02	-3.84E-04	-5.32E-03	-5.32E-05	-6.58E-03	-1.10E-02	-4.21E-03	-7.01E-04	-6.37E-03	-2.12E-04	-3.86E+00	-3.22E-02
44	367404	757985	Residential	9.66E-01	4.39E-05	-1.05E-03	-5.26E-03	-7.68E-02	-3.66E-04	-5.07E-03	-5.07E-05	-6.32E-03	-1.05E-02	-4.03E-03	-6.72E-04	-6.10E-03	-2.03E-04	-3.70E+00	-3.08E-02
45	367465	758024	Residential	6.96E-01	3.16E-05	-1.13E-03	-5.63E-03	-8.23E-02	-3.92E-04	-5.43E-03	-5.43E-05	-6.76E-03	-1.13E-02	-4.32E-03	-7.19E-04	-6.53E-03	-2.18E-04	-3.96E+00	-3.30E-02
55	367673	758189	Residential	-3.76E-01	-1.71E-05	-1.13E-03	-5.63E-03	-7.86E-02	-3.74E-04	-5.43E-03	-5.43E-05	-6.76E-03	-1.13E-02	-4.29E-03	-7.15E-04	-6.53E-03	-2.18E-04	-3.93E+00	-3.28E-02
56	367816	758096	Residential	-2.94E-01	-1.34E-05	-1.20E-03	-6.00E-03	-8.40E-02	-4.00E-04	-5.77E-03	-5.77E-05	-7.20E-03	-1.20E-02	-4.57E-03	-7.61E-04	-6.96E-03	-2.32E-04	-4.19E+00	-3.49E-02
60	367898	758066	Residential	-1.73E-01	-7.86E-06	-1.18E-03	-5.91E-03	-8.39E-02	-4.00E-04	-5.68E-03	-5.68E-05	-7.09E-03	-1.18E-02	-4.51E-03	-7.52E-04	-6.86E-03	-2.29E-04	-4.14E+00	-3.45E-02
61	367980	758035	Residential	-1.17E-01	-5.34E-06	-1.17E-03	-5.84E-03	-8.40E-02	-4.00E-04	-5.60E-03	-5.60E-05	-7.01E-03	-1.17E-02	-4.47E-03	-7.44E-04	-6.78E-03	-2.26E-04	-4.10E+00	-3.41E-02
62	368062	758005	Residential	-1.50E-01	-6.80E-06	-1.23E-03	-6.13E-03	-8.73E-02	-4.16E-04	-5.85E-03	-5.85E-05	-7.36E-03	-1.23E-02	-4.68E-03	-7.80E-04	-7.11E-03	-2.37E-04	-4.29E+00	-3.58E-02
63	368144	757975	Residential	-4.46E-01	-2.03E-05	-1.26E-03	-6.30E-03	-8.93E-02	-4.25E-04	-5.97E-03	-5.97E-05	-7.56E-03	-1.26E-02	-4.81E-03	-8.01E-04	-7.31E-03	-2.44E-04	-4.41E+00	-3.67E-02
64	368226	757945	Residential	-7.59E-01	-3.45E-05	-1.26E-03	-6.31E-03	-8.98E-02	-4.28E-04	-5.94E-03	-5.94E-05	-7.57E-03	-1.26E-02	-4.82E-03	-8.03E-04	-7.32E-03	-2.44E-04	-4.42E+00	-3.68E-02
65	368301	757943	Residential	-4.31E-01	-1.96E-05	-1.08E-03	-5.41E-03	-7.80E-02	-3.72E-04	-5.01E-03	-5.01E-05	-6.50E-03	-1.08E-02	-4.14E-03	-6.90E-04	-6.28E-03	-2.09E-04	-3.80E+00	-3.16E-02
66	368376	757941	Residential	8.95E-02	4.07E-06	-1.01E-03	-5.06E-03	-7.48E-02	-3.56E-04	-4.69E-03	-4.69E-05	-6.07E-03	-1.01E-02	-3.88E-03	-6.47E-04	-5.87E-03	-1.96E-04	-3.56E+00	-2.97E-02
67	368452	757938	Residential	8.43E-01	3.83E-05	-9.65E-04	-4.82E-03	-7.34E-02	-3.49E-04	-4.51E-03	-4.51E-05	-5.79E-03	-9.65E-03	-3.72E-03	-6.19E-04	-5.60E-03	-1.87E-04	-3.41E+00	-2.84E-02
68	368527	757938	Residential	2.13E-01	9.69E-06	-1.05E-03	-5.25E-03	-7.94E-02	-3.78E-04	-4.98E-03	-4.98E-05	-6.31E-03	-1.05E-02	-4.04E-03	-6.74E-04	-6.10E-03	-2.03E-04	-3.71E+00	-3.09E-02
69	368563	757880	Residential	6.19E-01	2.81E-05	-1.00E-03	-5.00E-03	-7.57E-02	-3.61E-04	-4.68E-03	-4.68E-05	-6.00E-03	-1.00E-02	-3.85E-03	-6.42E-04	-5.80E-03			

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	xy/ene, total (µg/m ³)	xy/ene, total Acute Hazard	arsenic (µg/m ³)	arsenic Acute Hazard	chlorine (µg/m ³)	chlorine Acute Hazard	copper (µg/m ³)	copper Acute Hazard	mercury (µg/m ³)	mercury Acute Hazard	nickel (µg/m ³)	nickel Acute Hazard	vanadium (µg/m ³)	vanadium Acute Hazard	sulfates (µg/m ³)	sulfates Acute Hazard
CalEPA Acute REL				22000	0.2	210	100	0.6	6	30	120								
96	369710	758617	Residential	-1.32E+00	-5.99E-05	-1.79E-03	-8.97E-03	-1.25E-01	-5.97E-04	-8.92E-03	-8.92E-05	-1.08E-02	-1.79E-02	-6.83E-03	-1.14E-03	-1.04E-02	-3.47E-04	-6.27E+00	-5.22E-02
97	369791	758613	Residential	-5.48E-01	-2.49E-05	-2.35E-03	-1.17E-02	-1.63E-01	-7.78E-04	-1.18E-02	-1.18E-04	-1.41E-02	-2.35E-02	-8.93E-03	-1.49E-03	-1.36E-02	-4.54E-04	-8.19E+00	-6.83E-02
98	369791	758514	Residential	-4.31E-01	-1.96E-05	-2.26E-03	-1.13E-02	-1.57E-01	-7.48E-04	-1.13E-02	-1.13E-04	-1.36E-02	-2.26E-02	-8.61E-03	-1.43E-03	-1.31E-02	-4.37E-04	-7.90E+00	-6.58E-02
99	369791	758416	Residential	-2.22E-01	-1.01E-05	-2.12E-03	-1.06E-02	-1.48E-01	-7.03E-04	-1.06E-02	-1.06E-04	-1.27E-02	-2.12E-02	-8.08E-03	-1.35E-03	-1.23E-02	-4.11E-04	-7.42E+00	-6.18E-02
100	369791	758318	Residential	-5.10E-01	-2.32E-05	-2.08E-03	-1.04E-02	-1.45E-01	-6.89E-04	-1.04E-02	-1.04E-04	-1.25E-02	-2.08E-02	-7.93E-03	-1.32E-03	-1.21E-02	-4.03E-04	-7.27E+00	-6.06E-02
101	369881	758318	Residential	-1.43E+00	-6.51E-05	-2.74E-03	-1.37E-02	-1.95E-01	-9.27E-04	-1.38E-02	-1.38E-04	-1.64E-02	-2.74E-02	-1.04E-02	-1.74E-03	-1.59E-02	-5.29E-04	-9.58E+00	-7.98E-02
102	369972	758318	Residential	-2.38E+00	-1.07E-04	-2.74E-03	-1.37E-02	-1.93E-01	-9.17E-04	-1.38E-02	-1.38E-04	-1.64E-02	-2.74E-02	-1.04E-02	-1.74E-03	-1.59E-02	-5.30E-04	-9.58E+00	-7.98E-02
103	370062	758318	Residential	-2.88E+00	-1.31E-04	-1.97E-03	-9.83E-03	-1.44E-01	-6.84E-04	-9.90E-03	-9.90E-05	-1.18E-02	-1.97E-02	-7.53E-03	-1.26E-03	-1.14E-02	-3.80E-04	-6.91E+00	-5.76E-02
104	370153	758318	Residential	-3.23E+00	-1.47E-04	-1.87E-03	-9.33E-03	-1.31E-01	-6.23E-04	-9.34E-03	-9.34E-05	-1.12E-02	-1.87E-02	-7.11E-03	-1.19E-03	-1.08E-02	-3.61E-04	-6.52E+00	-5.44E-02
105	370243	758318	Residential	-3.56E+00	-1.62E-04	-2.51E-03	-1.25E-02	-1.73E-01	-8.24E-04	-1.26E-02	-1.26E-04	-1.50E-02	-2.51E-02	-9.53E-03	-1.59E-03	-1.45E-02	-4.85E-04	-8.74E+00	-7.29E-02
111	370408	758347	Residential	-4.75E+00	-2.16E-04	-3.72E-03	-1.86E-02	-2.62E-01	-1.25E-03	-1.88E-02	-1.88E-04	-2.23E-02	-3.72E-02	-1.42E-02	-2.37E-03	-1.42E-02	-7.20E-04	-1.30E+01	-1.08E-01
112	370490	758344	Residential	-4.75E+00	-2.16E-04	-3.17E-03	-1.59E-02	-2.23E-01	-1.06E-03	-1.60E-02	-1.60E-04	-1.90E-02	-3.17E-02	-1.21E-02	-2.01E-03	-1.84E-02	-6.13E-04	-1.11E+01	-9.24E-02
113	370572	758341	Residential	-5.59E+00	-2.54E-04	-2.87E-03	-1.44E-02	-1.99E-01	-9.47E-04	-1.45E-02	-1.45E-04	-1.72E-02	-2.87E-02	-1.09E-02	-1.66E-02	-5.55E-03	-1.00E+01	-8.34E-02	
114	370654	758338	Residential	-5.56E+00	-2.53E-04	-2.89E-03	-1.44E-02	-2.05E-01	-9.74E-04	-1.45E-02	-1.45E-04	-1.73E-02	-2.89E-02	-1.10E-02	-1.84E-03	-1.67E-02	-5.58E-04	-1.01E+01	-8.42E-02
115	370735	758335	Residential	-4.10E+00	-1.86E-04	-2.37E-03	-1.18E-02	-1.80E-01	-8.59E-04	-1.19E-02	-1.19E-04	-1.42E-02	-2.37E-02	-9.12E-03	-1.52E-03	-1.37E-02	-4.58E-04	-8.37E+00	-6.97E-02
116	370817	758333	Residential	-2.46E+00	-1.12E-04	-1.62E-03	-8.11E-03	-1.23E-01	-5.84E-04	-8.09E-03	-8.09E-05	-9.73E-03	-1.62E-02	-6.24E-03	-1.04E-03	-9.41E-03	-3.14E-04	-5.73E+00	-4.77E-02
130	371183	758027	Residential	6.05E-02	2.75E-06	-1.95E-03	-9.73E-03	-1.22E-01	-5.80E-04	-9.32E-03	-9.32E-05	-1.17E-02	-1.95E-02	-7.31E-03	-1.22E-03	-1.13E-02	-3.76E-04	-6.71E+00	-5.59E-02
131	371248	758024	Residential	-4.13E-01	-1.88E-05	-1.93E-03	-9.63E-03	-1.15E-01	-5.48E-04	-9.19E-03	-9.19E-05	-1.16E-02	-1.93E-02	-7.19E-03	-1.20E-03	-1.12E-02	-3.72E-04	-6.60E+00	-5.50E-02
132	371326	758075	Residential	-3.41E-01	-1.55E-05	-1.95E-03	-9.75E-03	-1.07E-01	-5.08E-04	-9.32E-03	-9.32E-05	-1.17E-02	-1.95E-02	-7.21E-03	-1.20E-03	-1.13E-02	-3.77E-04	-6.62E+00	-5.51E-02
133	371404	758127	Residential	3.00E-02	1.36E-06	-1.78E-03	-8.88E-03	-8.98E-02	-4.27E-04	-8.47E-03	-8.47E-05	-1.07E-02	-1.78E-02	-6.52E-03	-1.09E-03	-1.03E-02	-3.43E-04	-5.98E+00	-4.98E-02
134	371481	758178	Residential	1.28E-01	5.81E-06	-1.58E-03	-7.88E-03	-7.60E-02	-3.62E-04	-7.48E-03	-7.48E-05	-9.45E-03	-1.58E-02	-5.76E-03	-9.59E-04	-9.14E-03	-3.05E-04	-5.28E+00	-4.40E-02
135	371559	758230	Residential	2.88E-01	1.31E-05	-1.49E-03	-7.47E-03	-6.34E-02	-3.02E-04	-7.03E-03	-7.03E-05	-8.97E-03	-1.49E-02	-5.40E-03	-8.99E-04	-8.67E-03	-2.89E-04	-4.96E+00	-4.13E-02
136	371637	758281	Residential	4.33E-01	1.97E-05	-1.26E-03	-6.31E-03	-5.22E-02	-2.49E-04	-5.80E-03	-5.80E-05	-7.57E-03	-1.26E-02	-4.55E-03	-7.58E-04	-7.32E-03	-2.44E-04	-4.18E+00	-3.48E-02
137	371715	758333	Residential	5.86E-01	2.66E-05	-1.15E-03	-5.75E-03	-3.75E-02	-1.78E-04	-5.18E-03	-5.18E-05	-6.90E-03	-1.15E-02	-4.07E-03	-6.79E-04	-6.67E-03	-2.22E-04	-3.74E+00	-3.12E-02
138	371769	758261	Residential	1.15E+00	5.22E-05	-1.08E-03	-5.38E-03	-2.44E-02	-1.16E-04	-4.75E-03	-4.75E-05	-6.46E-03	-1.08E-02	-3.73E-03	-6.22E-04	-6.24E-03	-2.08E-04	-3.43E+00	-2.86E-02
139	371822	758189	Residential	-2.61E-01	-1.18E-05	-8.42E-04	-4.21E-03	-4.85E-02	-2.31E-04	-3.86E-03	-3.86E-05	-5.05E-03	-8.42E-03	-3.13E-03	-5.22E-04	-4.88E-03	-1.63E-04	-2.87E+00	-2.40E-02
140	371894	758160	Residential	-1.87E+00	-8.48E-05	-1.08E-03	-5.38E-03	-1.20E-01	-5.72E-04	-5.50E-03	-5.50E-05	-6.45E-03	-1.08E-02	-4.42E-03	-7.36E-04	-6.24E-03	-2.08E-04	-4.05E+00	-3.37E-02
141	371894	758081	Residential	-3.26E+00	-1.48E-04	-1.30E-03	-6.50E-03	-1.51E-01	-7.18E-04	-6.74E-03	-6.74E-05	-7.79E-03	-1.30E-02	-5.38E-03	-8.96E-04	-7.53E-03	-2.51E-04	-4.92E+00	-4.10E-02
142	371959	758074	Residential	-3.00E+00	-1.37E-04	-1.45E-03	-7.25E-03	-1.47E-01	-7.00E-04	-7.40E-03	-7.40E-05	-8.70E-03	-1.45E-02	-5.85E-03	-9.74E-04	-8.41E-03	-2.80E-04	-5.36E+00	-4.46E-02
155	372055	757363	Residential	-1.76E+00	-8.02E-05	-1.04E-03	-5.20E-03	-9.11E-02	-4.34E-04	-5.07E-03	-5.07E-05	-6.24E-03	-1.04E-02	-4.09E-03	-6.81E-04	-6.03E-03	-2.01E-04	-3.75E+00	-3.12E-02
297	370239	755427	Residential	1.49E+00	6.78E-05	-4.22E-03	-2.11E-02	-3.01E-01	-1.43E-03	-2.10E-02	-2.10E-04	-2.53E-02	-4.22E-02	-1.61E-02	-2.69E-03	-2.45E-02	-8.16E-04	-1.48E+01	-1.23E-01
298	370138	755427	Residential	3.39E+00	1.54E-04	-4.01E-03	-2.01E-02	-2.83E-01	-1.35E-03	-1.97E-02	-1.97E-04	-2.41E-02	-4.01E-02	-1.53E-02	-2.55E-03	-2.33E-02	-7.75E-04	-1.40E+01	-1.17E-01
299	370040	755427	Residential	-4.21E+00	-1.91E-04	-3.35E-03	-1.67E-02	-2.36E-01	-1.13E-03	-1.65E-02	-1.65E-04	-2.01E-02	-3.35E-02	-1.28E-02	-2.13E-03	-1.94E-02	-6.47E-04	-1.17E+01	-9.75E-02
300	369941	755426	Residential	-2.94E+00	-1.34E-04	-3.75E-03	-1.88E-02	-2.67E-01	-1.27E-03	-1.88E-02	-1.88E-04	-2.25E-02	-3.75E-02	-1.43E-02	-2.39E-03	-2.18E-02	-7.26E-04	-1.31E+01	-1.09E-01
301	369842	755426	Residential	-2.18E+00	-9.91E-05	-2.75E-03	-1.37E-02	-1.96E-01	-9.35E-04	-1.36E-02	-1.36E-04	-1.65E-02	-2.75E-02	-1.05E-02	-1.75E-03	-1.59E-02	-5.32E-04	-9.63E+00	-8.03E-02
304	369544	755434	Residential	-4.74E+00	-2.16E-04	-3.27E-03	-1.64E-02	-2.33E-01	-1.11E-03	-1.64E-02	-1.64E-04	-1.96E-02	-3.27E-02	-1.25E-02	-2.08E-03	-1.90E-02	-6.30E-04	-1.15E+01	-9.55E-02
305	369445	755434	Residential	-2.81E+00	-1.28E-04	-2.87E-03	-1.44E-02	-2.01E-01	-9.57E-04	-1.43E-02	-1.43E-04	-1.72E-02	-2.87E-02	-1.09E-02	-1.82E-03	-1.66E-02	-5.55E-04	-1.00E+01	-8.36E-02
306	369346	755434	Residential	-2.26E+00	-1.03E-04	-3.39E-03	-1.70E-02	-2.35E-01	-1.12E-03	-1.69E-02	-1.69E-04	-2.04E-02	-3.39E-02	-1.29E-02	-2.15E-03	-1.97E-02	-6.56E-04	-1.18E+01	-9.86E-02
310	368953	755441	Residential	-1.93E+00	-8.78E-05	-1.48E-03	-7.42E-03	-9.37E-02	-4.46E-04	-7.11E-03	-7.11E-05	-8.90E-03	-1.48E-02	-5.58E-03	-9.29E-04	-8.60E-03	-2.87E-04	-5.12E+00	-4.26E-02
311	368854	755441	Residential	-2.23E+00	-1.01E-04	-2.11E-03	-1.05E-02	-1.42E-01	-6.75E-04	-1.26E-02	-1.26E-04	-1.62E-02	-2.11E-02	-7.95E-03	-1.33E-03	-1.22E-02	-4.07E-04	-7.32E+00	-6.10E-02
312	368755	755441	Residential	-2.17E+00	-9.88E-05	-2.09E-03	-1.05E-02	-1.49E-01	-7.08E-04	-1.04E-02	-1.04E-04	-1.26E-02	-2.09E-02	-7.99E-03	-1.33E-03	-1.22E-02	-4.05E-04	-7.33E+00	-6.11E-02
313	368657	755441	Residential	-1.65E+00	-7.51E-05	-1.71E-03	-8.53E-03	-1.20E-01	-5.70E-04	-8.37E-03	-8.37E-05	-1.02E-02	-1.71E-02	-6.50E-03	-1.08E-03	-9.90E-03	-3.30E-04	-5.96E+00	-4.97E-02
314	368558	755440	Residential	-1.58E+00	-7.20E-05	-1.45E-03	-7.24E-03	-1.02E-01	-4.86E-04	-7.07E-03	-7.07E-05	-8.69E-03	-1.45E-02	-5.52E-03	-9.20E-04	-8.40E-03	-2.80E-04	-5.06E+00	-4.22E-02
315	368459	755440	Residential	-5.01E-01	-2.28E-05	-1.15E-03	-5.73E-03	-8.28E-02	-3.94E-04	-5.54E-03	-5.54E-05	-6.87E-03	-1.15E-02	-4.38E-03	-7.30E-04	-6.64E-03	-2.21E-04	-4.02E+00	-3.35E-02
316	368360	755440	Residential	-1.24E-01	-5.61E-06	-8.44E-04	-4.22E-03	-5.96E-02	-2.84E-04	-4.00E-03	-4.00E-05	-6.07E-03	-8.44E-03	-3.22E-03	-5.36E-04	-4.90E-03	-1.63E-04	-2.95E+00	-2.46E-02
317	368262	755439	Residential	-9.48E-02	-4.31E-06	-1.19E-03	-5.97E-03	-8.72E-02	-4.15E-04	-5.82E-03	-5.82E-05	-7.17E-03	-1.19E-02	-4.57E-03	-7.62E-04	-6.93E-03	-2.31E-04	-4.19E+00	-3.50E-02
318	368186	755427	Residential	-1.82E-01	-8.27E-06	-1.35E-03	-6.74E-03	-9.74E-02	-4.64E-04	-6.61E-03	-6.61E-05	-8.09E-03	-1.35E-02	-5.16E-03	-8.60E-04	-7.82E-03	-2.61E-04	-4.73E+00	-3.94E-02
319	368111	755414																	

Table 1C-2.2
Summary of Incremental Acute Hazard Indices for LAX Specific Plan Amendment Study
for Onsite Workers and Offsite Receptors - LAWA Staff-Recommended Alternative, Horizon Year 2025
Construction and Operation TAC Concentrations

Receptor Number	X	Y	Receptor Type	xylene, total ($\mu\text{g}/\text{m}^3$)	xylene, total Acute Hazard	arsenic ($\mu\text{g}/\text{m}^3$)	arsenic Acute Hazard	chlorine ($\mu\text{g}/\text{m}^3$)	chlorine Acute Hazard	copper ($\mu\text{g}/\text{m}^3$)	copper Acute Hazard	mercury ($\mu\text{g}/\text{m}^3$)	mercury Acute Hazard	nickel ($\mu\text{g}/\text{m}^3$)	nickel Acute Hazard	vanadium ($\mu\text{g}/\text{m}^3$)	vanadium Acute Hazard	sulfates ($\mu\text{g}/\text{m}^3$)	sulfates Acute Hazard
			CalEPA Acute REL		22000		0.2		210		100		0.6		6		30		120
302	369741	755435	School	-5.61E+00	-2.55E-04	-1.56E-03	-7.81E-03	-1.15E-01	-5.49E-04	-7.70E-03	-7.70E-05	-9.38E-03	-1.56E-02	-6.00E-03	-9.99E-04	-9.07E-03	-3.02E-04	-5.50E+00	-4.58E-02
303	369643	755434	School	-1.68E+00	-7.64E-05	-1.40E-03	-7.00E-03	-1.00E-01	-4.76E-04	-6.85E-03	-6.85E-05	-8.40E-03	-1.40E-02	-5.34E-03	-8.91E-04	-8.12E-03	-2.71E-04	-4.90E+00	-4.09E-02

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Attachment 1C-3

Cancer Risk and Chronic Non-cancer Hazard Calculations for Adjusted Construction Emissions (RAGS F)

Table 1C-3.1
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
Adjusted 11-Year Construction Emissions
(Based on Peak Location of Residential Cancer Risks¹)

Exposure Parameters	Residential Child			School Child		Residential Adult		RAGS F Equations				
	24 (hrs/day)	8 (hrs/day)	24 (hrs/day)	8 (hrs/day)	24 (hrs/day)	200 (days/year)	350 (days/year)	EC = (CA x ET x EF x ED) / (AT)				
Exposure Frequency (EF)	350 (days/year)	200 (days/year)	350 (days/year)	200 (days/year)	350 (days/year)	Risk = IUR x EC						
Exposure Duration (ED)	6 (years)	6 (years)	6 (years)	6 (years)	11 (years)	HQ = EC / REL						
Averaging Time (non-carcinogenic) (ATnc)	52560 (hrs)	52560 (hrs)	96360 (hrs)	52560 (hrs)	96360 (hrs)	Where: HQ = Hazard Quotient				EC = Exposure Concentration		
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	613200 (hrs)	613200 (hrs)	613200 (hrs)	613200 (hrs)	IUR = Inhalation Unit Risk				AT = Averaging Time (for cancer or non-cancer)		
						REL = Reference Exposure Level						
Toxic Air Contaminant (TAC)	Toxicity Criteria					Cancer Risks			Hazard Quotients			
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident	
Acetaldehyde	6.07E-02	2.20E-06	2.70E-06	9.00E+00	1.40E+02	1.35E-08	2.57E-09	2.47E-08	4.16E-04	7.92E-05	4.16E-04	
Acrolein	3.49E-02	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	9.56E-02	1.82E-02	9.56E-02	
Benzene	1.46E-02	7.80E-06	2.90E-05	3.00E+01	6.00E+01	3.49E-08	6.65E-09	6.40E-08	2.34E-04	4.46E-05	2.34E-04	
1,3-Butadiene	2.23E-02	3.00E-05	1.70E-04	2.00E+00	2.00E+01	3.11E-07	5.93E-08	5.71E-07	1.07E-03	2.03E-04	1.07E-03	
Ethylbenzene	-1.61E-03	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-3.32E-10	-6.32E-11	-6.08E-10	-7.74E-07	-1.47E-07	-7.74E-07	
Formaldehyde	1.72E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	8.48E-08	1.61E-08	1.55E-07	1.83E-02	3.49E-03	1.83E-02	
Methyl alcohol	2.56E-02	NA	NA	4.00E+03	4.00E+03	NC	NC	NC	6.15E-06	1.17E-06	6.15E-06	
Methyl ethyl ketone	-7.05E-05	NA	NA	5.00E+03	NA	NC	NC	NC	-1.35E-08	-2.57E-09	-1.35E-08	
Naphthalene	7.64E-03	3.40E-05	3.40E-05	3.00E+00	9.00E+00	2.14E-08	4.07E-09	3.92E-08	8.14E-04	1.55E-04	8.14E-04	
Hexane, n-	-6.37E-03	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	-8.73E-07	-1.66E-07	-8.73E-07	
Phenol	1.05E-02	NA	NA	2.00E+02	2.00E+02	NC	NC	NC	5.04E-05	9.60E-06	5.04E-05	
Propylene	5.35E-02	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	1.71E-05	3.26E-06	1.71E-05	
Styrene	3.99E-03	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	4.25E-06	8.09E-07	4.25E-06	
Toluene	-1.35E-02	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	-4.30E-05	-8.20E-06	-4.30E-05	
Xylene (total)	-1.24E-02	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	-1.71E-05	-3.25E-06	-1.71E-05	
Chlorine	-7.68E-05	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	-3.68E-04	-7.02E-05	-3.68E-04	
Chromium (VI)	7.38E-07	1.20E-02	1.50E-01	1.00E-01	2.00E-01	9.10E-09	1.73E-09	1.67E-08	3.54E-06	6.74E-07	3.54E-06	
Copper	2.39E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
Lead	6.48E-06	NA	1.20E-05	NA	NA	6.39E-12	1.22E-12	1.17E-11	NC	NC	NC	
Manganese	2.98E-06	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	3.18E-05	6.06E-06	3.18E-05	
Nickel	-5.49E-07	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-1.17E-11	-2.23E-12	-2.15E-11	-1.05E-05	-2.01E-06	-1.05E-05	
Diesel PM	1.61E-01	3.00E-04	3.00E-04	5.00E+00	5.00E+00	3.96E-06	7.55E-07	7.27E-06	3.08E-02	5.87E-03	3.08E-02	
						TOTAL	4.4E-06	8.5E-07	8.1E-06	0.15	0.028	0.15

¹ Residential Maximum Grid No.
NA = Not Available
NC = Not Calculated

7
ug/m³ = micrograms per cubic meter
RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-3.2
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
Adjusted 11-Year Construction Emissions
(Based on Peak Location of Residential Hazards¹)

Exposure Parameters	Residential Child			School Child		Residential Adult		RAGS F Equations				
	24 (hrs/day)	8 (hrs/day)	24 (hrs/day)	200 (days/year)	350 (days/year)	6 (years)	11 (years)	EC = (CA x ET x EF x ED) / (AT)				
Exposure Frequency (EF)	350 (days/year)	200 (days/year)	350 (days/year)	6 (years)	11 (years)	Risk = IUR x EC						
Exposure Duration (ED)	6 (years)	6 (years)	11 (years)	52560 (hrs)		96360 (hrs)		Where: HQ = Hazard Quotient				
Averaging Time (non-carcinogenic) (ATnc)	52560 (hrs)	52560 (hrs)	96360 (hrs)	613200 (hrs)		613200 (hrs)		EC = Exposure Concentration				
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	613200 (hrs)	613200 (hrs)					AT = Averaging Time (for cancer or non-cancer)				
								IUR = Inhalation Unit Risk				
								REL = Reference Exposure Level				
Toxic Air Contaminant (TAC)	Toxicity Criteria					Cancer Risks			Hazard Quotients			
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Resident	Cancer Risk to Child	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident	
Acetaldehyde	2.54E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	5.64E-08	1.08E-08	1.03E-07	1.74E-03	3.32E-04	1.74E-03	
Acrolein	1.45E-01	NA	NA	2.00E-02	3.50E-01	NC	NC	NC	3.98E-01	7.59E-02	3.98E-01	
Benzene	1.06E-01	7.80E-06	2.90E-05	3.00E+01	6.00E+01	2.54E-07	4.83E-08	4.65E-07	1.70E-03	3.24E-04	1.70E-03	
1,3-Butadiene	1.02E-01	3.00E-05	1.70E-04	2.00E+00	2.00E+01	1.42E-06	2.71E-07	2.61E-06	4.89E-03	9.31E-04	4.89E-03	
Ethylbenzene	1.16E-02	2.50E-06	2.50E-06	1.00E+03	2.00E+03	2.38E-09	4.53E-10	4.36E-09	5.55E-06	1.06E-06	5.55E-06	
Formaldehyde	7.31E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	3.60E-07	6.86E-08	6.61E-07	7.78E-02	1.48E-02	7.78E-02	
Methyl alcohol	1.08E-01	NA	NA	4.00E+03	4.00E+03	NC	NC	NC	2.58E-05	4.91E-06	2.58E-05	
Methyl ethyl ketone	1.18E-04	NA	NA	5.00E+03	NA	NC	NC	NC	2.27E-08	4.32E-09	2.27E-08	
Naphthalene	3.23E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	9.03E-08	1.72E-08	1.65E-07	3.44E-03	6.55E-04	3.44E-03	
Hexane, n-	-2.89E-03	NA	NA	7.00E+02	7.00E+03	NC	NC	NC	-3.96E-07	-7.55E-08	-3.96E-07	
Phenol	4.33E-02	NA	NA	2.00E+02	2.00E+02	NC	NC	NC	2.07E-04	3.95E-05	2.07E-04	
Propylene	2.68E-01	NA	NA	3.00E+03	3.00E+03	NC	NC	NC	8.58E-05	1.63E-05	8.58E-05	
Styrene	1.86E-02	NA	NA	1.00E+03	9.00E+02	NC	NC	NC	1.98E-05	3.77E-06	1.98E-05	
Toluene	4.00E-02	NA	NA	5.00E+03	3.00E+02	NC	NC	NC	1.28E-04	2.44E-05	1.28E-04	
Xylene (total)	3.11E-02	NA	NA	1.00E+02	7.00E+02	NC	NC	NC	4.25E-05	8.10E-06	4.25E-05	
Chlorine	-5.77E-05	NA	NA	1.50E-01	2.00E-01	NC	NC	NC	-2.76E-04	-5.27E-05	-2.76E-04	
Chromium (VI)	3.48E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	4.30E-08	8.18E-09	7.88E-08	1.67E-05	3.18E-06	1.67E-05	
Copper	1.31E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	
Lead	2.97E-05	NA	1.20E-05	NA	NA	2.93E-11	5.57E-12	5.36E-11	NC	NC	NC	
Manganese	1.58E-05	NA	NA	5.00E-02	9.00E-02	NC	NC	NC	1.68E-04	3.20E-05	1.68E-04	
Nickel	-4.12E-07	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-8.80E-12	-1.68E-12	-1.61E-11	-7.90E-06	-1.50E-06	-7.90E-06	
Diesel PM	-6.98E-02	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-1.72E-06	-3.28E-07	-3.15E-06	-1.34E-02	-2.55E-03	-1.34E-02	
						TOTAL	5.1E-07	9.7E-08	9.3E-07	0.47	0.090	0.47

¹ Residential Maximum Grid No.

81

NA = Not Available
 NC = Not Calculated

ug/m³ = micrograms per cubic meter
 RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-3.3
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline -
Lifetime Exposure
Adjusted 11-Year Construction Emissions
(Based on Peak Location of Commercial Cancer Risks¹)

Exposure Parameters	Adult Worker		RAGS F Equations				
	Exposure Time (ET)	10 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)				
Exposure Frequency (EF)	245 (days/year)	Risk = IUR x EC					
Exposure Duration (ED)	11 (years)	HQ = EC / REL					
Averaging Time (non-carcinogenic) (ATnc)	96360 (hrs)	Where:		HQ = Hazard Quotient	EC = Exposure Concentration		
Averaging Time (carcinogenic) (ATc)	613200 (hrs)			IUR = Inhalation Unit Risk	AT = Averaging Time (for cancer or non-cancer)		
				REL = Reference Exposure Level			
Toxic Air Contaminant (TAC)	Toxicity Criteria				Cancer Risks	Hazard Quotients	
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	1.50E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	1.77E-08	2.99E-04
Acrolein	8.62E-02	NA	NA	2.00E-02	3.50E-01	NC	6.88E-02
Benzene	3.98E-02	7.80E-06	2.90E-05	3.00E+01	6.00E+01	5.08E-08	1.86E-04
1,3-Butadiene	5.54E-02	3.00E-05	1.70E-04	2.00E+00	2.00E+01	4.14E-07	7.74E-04
Ethylbenzene	-1.35E-03	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-1.48E-10	-1.89E-07
Formaldehyde	4.27E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	1.13E-07	1.33E-02
Methyl alcohol	6.31E-02	NA	NA	4.00E+03	4.00E+03	NC	4.41E-06
Methyl ethyl ketone	-1.88E-04	NA	NA	5.00E+03	NA	NC	-1.05E-08
Naphthalene	1.88E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	2.81E-08	5.84E-04
Hexane, n-	-8.68E-03	NA	NA	7.00E+02	7.00E+03	NC	-3.47E-07
Phenol	2.57E-02	NA	NA	2.00E+02	2.00E+02	NC	3.59E-05
Propylene	1.42E-01	NA	NA	3.00E+03	3.00E+03	NC	1.32E-05
Styrene	1.01E-02	NA	NA	1.00E+03	9.00E+02	NC	3.13E-06
Toluene	-1.56E-02	NA	NA	5.00E+03	3.00E+02	NC	-1.46E-05
Xylene (total)	-1.78E-02	NA	NA	1.00E+02	7.00E+02	NC	-7.12E-06
Chlorine	3.61E-03	NA	NA	1.50E-01	2.00E-01	NC	5.05E-03
Chromium (VI)	3.60E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	2.37E-08	5.03E-06
Copper	3.47E-05	NA	NA	NA	NA	NC	NC
Lead	1.95E-05	NA	1.20E-05	NA	NA	1.03E-11	NC
Manganese	3.65E-05	NA	NA	5.00E-02	9.00E-02	NC	1.13E-04
Nickel	2.58E-05	2.40E-04	2.60E-04	5.00E-02	5.00E-02	2.95E-10	1.44E-04
Diesel PM	-4.75E-02	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-6.27E-07	-2.66E-03
					TOTAL	2.0E-08	0.087

¹ Commercial Maximum Grid No. 193 Note that this is not the same as the Peak Location of Commercial Hazards, Grid No. 236
NA = Not Available ug/m³ = micrograms per cubic meter
NC = Not Calculated RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-3.4
RAGS F Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline -
Lifetime Exposure
Adjusted 11-Year Construction Emissions
(Based on Peak Location of Commercial Hazards¹)

Exposure Parameters	Adult Worker	RAGS F Equations		Toxicity Criteria		Cancer Risks	Hazard Quotients
		Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Unit Risk (ug/m ³) ⁻¹	CalEPA Inhalation Unit Risk (ug/m ³) ⁻¹	EPA RfC (ug/m ³)	CalEPA Proposed REL (ug/m ³)	Cancer Risk to Adult Worker
Exposure Time (ET)	10 (hrs/day)	EC = (CA x ET x EF x ED) / (AT)					
Exposure Frequency (EF)	245 (days/year)	Risk = IUR x EC					
Exposure Duration (ED)	11 (years)	HQ = EC / REL					
Averaging Time (non-carcinogenic) (ATnc)	96360 (hrs)	Where: HQ = Hazard Quotient				EC = Exposure Concentration	
Averaging Time (carcinogenic) (ATc)	613200 (hrs)	IUR = Inhalation Unit Risk				AT = Averaging Time (for cancer or non-cancer)	
		REL = Reference Exposure Level					
Toxic Air Contaminant (TAC)							
Acetaldehyde	2.59E-01	2.20E-06	2.70E-06	9.00E+00	1.40E+02	3.07E-08	5.17E-04
Acrolein	1.50E-01	NA	NA	2.00E-02	3.50E-01	NC	1.20E-01
Benzene	5.06E-02	7.80E-06	2.90E-05	3.00E+01	6.00E+01	6.46E-08	2.36E-04
1,3-Butadiene	9.20E-02	3.00E-05	1.70E-04	2.00E+00	2.00E+01	6.88E-07	1.29E-03
Ethylbenzene	-8.31E-03	2.50E-06	2.50E-06	1.00E+03	2.00E+03	-9.13E-10	-1.16E-06
Formaldehyde	7.39E-01	1.30E-05	6.00E-06	9.80E+00	9.00E+00	1.95E-07	2.30E-02
Methyl alcohol	1.09E-01	NA	NA	4.00E+03	4.00E+03	NC	7.63E-06
Methyl ethyl ketone	-5.56E-04	NA	NA	5.00E+03	NA	NC	-3.11E-08
Naphthalene	3.24E-02	3.40E-05	3.40E-05	3.00E+00	9.00E+00	4.84E-08	1.01E-03
Hexane, n-	-1.80E-02	NA	NA	7.00E+02	7.00E+03	NC	-7.20E-07
Phenol	4.46E-02	NA	NA	2.00E+02	2.00E+02	NC	6.24E-05
Propylene	2.35E-01	NA	NA	3.00E+03	3.00E+03	NC	2.19E-05
Styrene	1.68E-02	NA	NA	1.00E+03	9.00E+02	NC	5.21E-06
Toluene	-5.35E-02	NA	NA	5.00E+03	3.00E+02	NC	-4.99E-05
Xylene (total)	-5.67E-02	NA	NA	1.00E+02	7.00E+02	NC	-2.27E-05
Chlorine	-2.47E-04	NA	NA	1.50E-01	2.00E-01	NC	-3.45E-04
Chromium (VI)	5.37E-06	1.20E-02	1.50E-01	1.00E-01	2.00E-01	3.54E-08	7.51E-06
Copper	1.92E-05	NA	NA	NA	NA	NC	NC
Lead	4.62E-05	NA	1.20E-05	NA	NA	2.43E-11	NC
Manganese	2.34E-05	NA	NA	5.00E-02	9.00E-02	NC	7.28E-05
Nickel	-1.76E-06	2.40E-04	2.60E-04	5.00E-02	5.00E-02	-2.02E-11	-9.87E-06
Diesel PM	-2.74E-01	3.00E-04	3.00E-04	5.00E+00	5.00E+00	-3.61E-06	-1.53E-02
					TOTAL	-2.6E-06	0.13

¹ Commercial Maximum Grid No. 236
 NA = Not Available ug/m³ = micrograms per cubic meter
 NC = Not Calculated RfC = reference concentration

Source: CDM Smith, 2012

Attachment 1C-4
Cancer Risk and Chronic Non-cancer Hazard
Calculations (RAGS A)

Table 1C-4.1
RAGS A Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
(Based on Peak Location of Residential Cancer Risks¹)

Exposure Parameters	Residential Child	School Child	Residential Adult		RAGS A Inhalation Equations								
	Inhalation Rate (IR) 6 (years)	15 (m ³ /day)	6 (m ³ /day)	6 (years)	20 (m ³ /day)	70 (years)	CDI = (CA x CF x IR x EF x ED) / (BW x AT) Risk = SFi x CDI HQ = CDI / REL Where: CDI = Chronic Daily Intake SFi = Inhalation Slope Factor CA = Concentration in Air REL = Reference Exposure Level HQ = Hazard Quotient AT = Averaging Time (for cancer or non-cancer)						
Exposure Duration (ED)	350 (days/year)	200 (days/year)	350 (days/year)	25550 (d)	25550 (d)	25550 (d)							
Exposure Frequency (EF)	15 (kg)	40 (kg)	70 (kg)										
Body Weight (BW)	2190 (d)	2190 (d)	25550 (d)										
Averaging Time (non-carcinogenic) (ATnc)	25550 (d)	25550 (d)	25550 (d)										
Averaging Time (carcinogenic) (ATc)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)										
Conversion Factor (CF)													
Toxic Air Contaminant (TAC)	Toxicity Criteria					Cancer Risks				Hazard Quotients			
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Slope Factor (mg/kg-d) ⁻¹	CalEPA Inhalation Slope Factor (mg/kg-d) ⁻¹	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident	
Acetaldehyde	1.87E-02	7.70E-03	1.00E-02	2.57E-03	4.00E-02	1.53E-08	1.31E-09	6.21E-08	5.11E-08	4.47E-04	3.83E-05	1.28E-04	
Acrolein	1.07E-02	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	1.03E-01	8.83E-03	2.94E-02	
Benzene	4.32E-03	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.55E-08	3.04E-09	1.44E-07	1.18E-07	2.42E-04	2.07E-05	6.91E-05	
1,3-Butadiene	6.80E-03	1.05E-01	6.00E-01	5.71E-04	5.71E-03	3.35E-07	2.88E-08	1.36E-06	1.12E-06	1.14E-03	9.78E-05	3.26E-04	
Ethylbenzene	-5.22E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	-3.73E-10	-3.20E-11	-1.51E-09	-1.24E-09	-8.75E-07	-7.50E-08	-2.50E-07	
Formaldehyde	5.29E-02	4.55E-02	2.10E-02	2.80E-03	2.57E-03	9.13E-08	7.82E-09	3.69E-07	3.04E-07	1.97E-02	1.69E-03	5.63E-03	
Methyl alcohol	7.88E-03	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	6.61E-06	5.66E-07	1.89E-06	
Methyl ethyl ketone	-2.53E-05	NA	NA	1.43E+00	NA	NC	NC	NC	NC	-1.70E-08	-1.46E-09	-4.85E-09	
Naphthalene	2.35E-03	1.19E-01	1.20E-01	8.57E-04	2.57E-03	2.31E-08	1.98E-09	9.36E-08	7.71E-08	8.75E-04	7.50E-05	2.50E-04	
Hexane, n-	-1.84E-03	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	-8.82E-07	-7.56E-08	-2.52E-07	
Phenol	3.23E-03	NA	NA	5.71E-02	5.71E-02	NC	NC	NC	NC	5.41E-05	4.64E-06	1.55E-05	
Propylene	1.65E-02	NA	NA	8.57E-01	8.57E-01	NC	NC	NC	NC	1.85E-05	1.58E-06	5.28E-06	
Styrene	1.22E-03	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	4.55E-06	3.90E-07	1.30E-06	
Toluene	-4.12E-03	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	-4.60E-05	-3.95E-06	-1.32E-05	
Xylene (total)	-3.90E-03	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	-1.87E-05	-1.60E-06	-5.35E-06	
Chlorine	-1.82E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	-3.05E-04	-2.61E-05	-8.71E-05	
Chromium (VI)	2.64E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.11E-08	9.49E-10	4.48E-08	3.69E-08	4.43E-06	3.80E-07	1.27E-06	
Copper	9.11E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	
Lead	2.29E-06	NA	4.20E-02	NA	NA	7.90E-12	6.77E-13	3.20E-11	2.63E-11	NC	NC	NC	
Manganese	1.12E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	4.17E-05	3.58E-06	1.19E-05	
Nickel	-1.30E-07	8.40E-01	9.10E-01	1.43E-05	1.43E-05	-9.71E-12	-8.32E-13	-3.93E-11	-3.24E-11	-8.71E-06	-7.47E-07	-2.49E-06	
Diesel PM	-3.48E-02	NA	1.10E+00	1.43E-03	1.43E-03	-3.14E-06	-2.69E-07	-1.27E-05	-1.05E-05	-2.33E-02	-2.00E-03	-6.66E-03	
TOTAL						-2.6E-06	-2.3E-07	-1.1E-05	-8.8E-06	0.10	0.009	0.029	

¹ Residential Maximum Grid No. 28

NA = Not Available
 NC = Not Calculated

ug/m³ = micrograms per cubic meter
 mg/kg-d = milligrams per kilogram day

RfC = reference concentration

Source: CDM Smith, 2012

Table 1C-4.2
RAGS A Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
(Based on Peak Location of Residential Hazards¹)

Exposure Parameters	Residential Child	School Child	Residential Adult		RAGS A Inhalation Equations							
	Inhalation Rate (IR) 6 (m ³ /day)	6 (m ³ /day)	20 (m ³ /day)		CDI = (CA x CF x IR x EF x ED) / (BW x AT)							
Exposure Duration (ED)	6 (years)	6 (years)	70 (years)		Risk = SFi x CDI							
Exposure Frequency (EF)	350 (days/year)	200 (days/year)	350 (days/year)		HQ = CDI / REL							
Body Weight (BW)	15 (kg)	40 (kg)	70 (kg)		Where:							
Averaging Time (non-carcinogenic) (ATnc)	2190 (d)	2190 (d)	25550 (d)		CDI = Chronic Daily Intake	SFi = Inhalation Slope Factor						
Averaging Time (carcinogenic) (ATc)	25550 (d)	25550 (d)	25550 (d)		CA = Concentration in Air	REL = Reference Exposure Level						
Conversion Factor (CF)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)		HQ = Hazard Quotient	AT = Averaging Time (for cancer or non-cancer)						

Toxic Air Contaminant (TAC)	Toxicity Criteria				Cancer Risks			Hazard Quotients				
	Concentration at Location w/Maximum Risk (ug/m ³)	EPA Inhalation Slope Factor (mg/kg-d) ¹	CalEPA Inhalation Slope Factor (mg/kg-d) ¹	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Hazard Quotient Resident	Hazard Quotient Child	Hazard Quotient Adult Resident	
Acetaldehyde	2.54E-01	7.70E-03	1.00E-02	2.57E-03	4.00E-02	2.09E-07	1.79E-08	8.46E-07	6.97E-07	6.10E-03	5.23E-04	1.74E-03
Acrolein	1.45E-01	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	1.39E+00	1.19E-01	3.98E-01
Benzene	1.06E-01	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.75E-07	7.50E-08	3.54E-06	2.92E-06	5.95E-03	5.10E-04	1.70E-03
1,3-Butadiene	1.02E-01	1.05E-01	6.00E-01	5.71E-04	5.71E-03	5.03E-06	4.31E-07	2.03E-05	1.68E-05	1.71E-02	1.47E-03	4.89E-03
Ethylbenzene	1.16E-02	8.75E-03	8.70E-03	2.86E-01	5.71E-01	8.28E-09	7.10E-10	3.35E-08	2.76E-08	1.94E-05	1.67E-06	5.55E-06
Formaldehyde	7.31E-01	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.26E-06	1.08E-07	5.10E-06	4.20E-06	2.72E-01	2.34E-02	7.78E-02
Methyl alcohol	1.08E-01	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	9.02E-05	7.73E-06	2.58E-05
Methyl ethyl ketone	1.18E-04	NA	NA	1.43E+00	NA	NC	NC	NC	NC	7.94E-08	6.81E-09	2.27E-08
Naphthalene	3.23E-02	1.19E-01	1.20E-01	8.57E-04	2.57E-03	3.19E-07	2.73E-08	1.29E-06	1.06E-06	1.20E-02	1.03E-03	3.44E-03
Hexane, n-	-2.89E-03	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	-1.39E-06	-1.19E-07	-3.96E-07
Phenol	4.33E-02	NA	NA	5.71E-02	5.71E-02	NC	NC	NC	NC	7.26E-04	6.22E-05	2.07E-04
Propylene	2.68E-01	NA	NA	8.57E-01	8.57E-01	NC	NC	NC	NC	3.00E-04	2.57E-05	8.58E-05
Styrene	1.86E-02	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	6.92E-05	5.93E-06	1.98E-05
Toluene	4.00E-02	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	4.48E-04	3.84E-05	1.28E-04
Xylene (total)	3.11E-02	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	1.49E-04	1.28E-05	4.25E-05
Chlorine	-5.77E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	-9.68E-04	-8.29E-05	-2.76E-04
Chromium (VI)	3.48E-06	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.46E-07	1.25E-08	5.91E-07	4.87E-07	5.85E-05	5.01E-06	1.67E-05
Copper	1.31E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Lead	2.97E-05	NA	4.20E-02	NA	NA	1.02E-10	8.78E-12	4.14E-10	3.41E-10	NC	NC	NC
Manganese	1.58E-05	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	5.88E-04	5.04E-05	1.68E-04
Nickel	-4.12E-07	8.40E-01	9.10E-01	1.43E-05	1.43E-05	-3.08E-11	-2.64E-12	-1.25E-10	-1.03E-10	-2.76E-05	-2.37E-06	-7.90E-06
Diesel PM	-1.21E-01	NA	1.10E+00	1.43E-03	1.43E-03	-1.09E-05	-9.39E-07	-4.43E-05	-3.65E-05	-8.13E-02	-6.97E-03	-2.32E-02
TOTAL						-3.1E-06	-2.7E-07	-1.3E-05	-1.0E-05	1.6	0.14	0.47

¹ Residential Maximum Grid No.

81

NA = Not Available

ug/m³ = micrograms per cubic meter

RfC = reference concentration

NC = Not Calculated

mg/kg-d = milligrams per kilogram day

Source: CDM Smith, 2012

Table 1C-4.3

RAGS A Risk Calculation for LAX Specific Plan Amendment Study Construction and Operation, LAWA Staff-Recommended Alternative, Horizon Year 2025, 2009 Baseline - Lifetime Exposure
(Based on Peak Location of Commercial Cancer Risks¹)

Exposure Parameters	Adult Worker		RAGS A Inhalation Equations				
	Inhalation Rate (IR)	10 (m ³ /day)	CDI = (CA x CF x IR x EF x ED) / (BW x AT)				
Exposure Duration (ED)	40 (years)	Risk = SFi x CDI					
Exposure Frequency (EF)	245 (days/year)	HQ = CDI / REL					
Body Weight (BW)	70 (kg)	Where:					
Averaging Time (non-carcinogenic) (ATnc)	14600 (d)	CDI = Chronic Daily Intake			SFi = Inhalation Slope Factor		
Averaging Time (carcinogenic) (ATc)	25550 (d)	CA = Concentration in Air			REL = Reference Exposure Level		
Conversion Factor (CF)	1.00E-03 (mg/ug)	HQ = Hazard Quotient			AT = Averaging Time (for cancer or non-cancer)		
Toxic Air Contaminant (TAC)	Concentration at Location w/Maximum Risk (ug/m ³)		Toxicity Criteria			Cancer Risks	Hazard Quotients
	EPA Inhalation Slope Factor (mg/kg-d) ⁻¹	CalEPA Inhalation Slope Factor (mg/kg-d) ⁻¹	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker	
Acetaldehyde	1.93E-02	7.70E-03	1.00E-02	2.57E-03	4.00E-02	1.10E-08	4.82E-05
Acrolein	1.16E-02	NA	NA	5.71E-06	1.00E-04	NC	1.15E-02
Benzene	-1.02E-02	7.70E-03	1.00E-01	8.57E-03	1.71E-02	-5.82E-08	-5.94E-05
1,3-Butadiene	4.13E-03	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.41E-07	7.20E-05
Ethylbenzene	-5.83E-03	8.75E-03	8.70E-03	2.86E-01	5.71E-01	-2.89E-09	-1.02E-06
Formaldehyde	5.33E-02	4.55E-02	2.10E-02	2.80E-03	2.57E-03	6.37E-08	2.07E-03
Methyl alcohol	8.12E-03	NA	NA	1.14E+00	1.14E+00	NC	7.09E-07
Methyl ethyl ketone	-1.91E-04	NA	NA	1.43E+00	NA	NC	-1.34E-08
Naphthalene	2.32E-03	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.58E-08	8.98E-05
Hexane, n-	-6.51E-03	NA	NA	2.00E-01	2.00E+00	NC	-3.25E-07
Phenol	3.52E-03	NA	NA	5.71E-02	5.71E-02	NC	6.15E-06
Propylene	6.55E-03	NA	NA	8.57E-01	8.57E-01	NC	7.62E-07
Styrene	7.15E-04	NA	NA	2.86E-01	2.57E-01	NC	2.77E-07
Toluene	-2.97E-02	NA	NA	1.43E+00	8.57E-02	NC	-3.46E-05
Xylene (total)	-2.75E-02	NA	NA	2.86E-02	2.00E-01	NC	-1.37E-05
Chlorine	-2.42E-04	NA	NA	4.29E-05	5.71E-05	NC	-4.22E-04
Chromium (VI)	6.50E-08	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.89E-09	1.14E-07
Copper	-1.14E-06	NA	NA	NA	NA	NC	NC
Lead	1.28E-06	NA	4.20E-02	NA	NA	3.06E-12	NC
Manganese	-1.03E-06	NA	NA	1.43E-05	2.57E-05	NC	-3.98E-06
Nickel	-1.73E-06	8.40E-01	9.10E-01	1.43E-05	1.43E-05	-8.95E-11	-1.20E-05
Diesel PM	-1.03E-01	NA	1.10E+00	1.43E-03	1.43E-03	-6.46E-06	-7.19E-03
					TOTAL	-6.3E-06	0.0061

¹ Commercial Maximum Grid No.
NA = Not Available
NC = Not Calculated

266
ug/m³ = micrograms per cubic meter
mg/kg-d = milligrams per kilogram day

RfC = reference concentration

Source: CDM Smith, 2012

