

Appendix 4.3 - Construction Dust Impact Assessment Results – Total Suspended Particulates

Scenario - Unmitigated - TSP

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Max. 1-hour TSP Concentration (µg/m3) [1]								
				(EIAO-TM Criterion = 500µg/m3)								
				1.5m			5m			10m		
				Cumulative [2]	Project Contribution	Project Contribution %	Cumulative [2]	Project Contribution	Project Contribution %	Cumulative [2]	Project Contribution	Project Contribution %
ACYC-01	842184.8	821426.9	3	199	120	60%	-	-	-	-	-	-
ADET-01	842261.8	821643.6	9	166	<1	<1%	165	<1	<1%	-	-	<1%
AHKG-01	842208.3	821658.2	10	165	<1	<1%	165	<1	<1%	165	<1	<1%
ALEP-02	841663.1	821519.0	15	175	48	27%	183	50	27%	175	45	26%
ALWT-01	841948.1	821550.0	6	183	71	39%	188	73	39%	-	-	-
ALWT-02	842106.1	821553.7	6	169	115	68%	171	116	68%	-	-	-
ALWT-03	842093.0	821477.2	3	233	177	76%	-	-	-	-	-	-
AMKT-01	842348.4	821649.8	9	166	<1	<1%	165	<1	<1%	-	-	-
ASTY-01	842469.3	821215.0	9	178	103	58%	180	105	58%	-	-	-
ATSV-01	842363.6	821573.5	9	165	<1	<1%	165	<1	<1%	-	-	-
AVDT-01	842090.4	821643.9	3	166	<1	<1%	-	-	-	-	-	-
AVDT-02	842111.9	821631.3	3	166	<1	<1%	-	-	-	-	-	-
DARA-01	841600.4	821129.8	85.2	186	<1	<1%	188	<1	<1%	186	<1	<1%
DARA-03	841560.4	821078.2	85.2	190	<1	<1%	191	<1	<1%	188	<1	<1%
DARA-04	841586.8	821081.6	85.2	190	<1	<1%	191	<1	<1%	188	<1	<1%
DARA-05	841660.4	821097.5	93.4	194	119	61%	189	114	60%	186	<1	<1%
DARA-06	841632.4	821060.9	93.4	189	<1	<1%	191	<1	<1%	187	<1	<1%
DARA-07	841701.2	821067.3	32	202	120	59%	195	115	59%	187	<1	<1%
DARA-08	841721.3	821037.3	32	189	<1	<1%	192	<1	<1%	187	<1	<1%
DARA-09	841743.7	821004.6	32	194	<1	<1%	200	<1	<1%	188	<1	<1%
DARA-10	841755.9	820973.7	32	208	<1	<1%	213	<1	<1%	196	<1	<1%
DARA-11	841727.8	820958.3	32	227	<1	<1%	230	<1	<1%	208	<1	<1%
DARA-12	841695.2	820962.6	32	219	<1	<1%	224	<1	<1%	204	<1	<1%
DARA-13	841668.8	820994.2	32	203	<1	<1%	209	<1	<1%	194	<1	<1%
DARA-14	841656.7	821028.7	32	192	<1	<1%	199	<1	<1%	188	<1	<1%
DARB-01	841625.4	821028.7	87.9	193	<1	<1%	194	<1	<1%	189	<1	<1%
DARB-02	841590.4	821054.0	1.5	191	<1	<1%	-	-	-	-	-	-
DARB-10	841734.3	820813.0	96.2	209	<1	<1%	208	<1	<1%	187	<1	<1%
DARB-11	841787.6	820820.1	96.2	346	<1	<1%	272	<1	<1%	198	<1	<1%
DARB-12	841756.4	820849.2	96.2	253	<1	<1%	242	<1	<1%	201	<1	<1%
DARB-13	841767.9	820935.2	96.2	237	<1	<1%	239	<1	<1%	211	<1	<1%
DARB-14	841723.6	820928.1	96.2	243	<1	<1%	244	<1	<1%	215	<1	<1%

Appendix 4.3 - Construction Dust Impact Assessment Results – Total Suspended Particulates

Scenario - Unmitigated - TSP

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Max. 1-hour TSP Concentration (µg/m3) [1]								
				(EIAO-TM Criterion = 500µg/m3)								
				1.5m			5m			10m		
				Cumulative [2]	Project Contribution	Project Contribution %	Cumulative [2]	Project Contribution	Project Contribution %	Cumulative [2]	Project Contribution	Project Contribution %
DARB-15	841690.4	820934.0	87.9	217	<1	<1%	221	<1	<1%	200	<1	<1%
DARB-16	841656.6	820958.4	87.9	197	<1	<1%	202	<1	<1%	191	<1	<1%
DARC-02	841767.0	820789.2	76.9	257	<1	<1%	203	97	48%	187	<1	<1%
DARC-09	841826.0	820760.1	27.6	442	124	28%	263	124	47%	198	<1	<1%
DARC-10	841827.4	820780.9	27.6	461	139	30%	259	139	54%	202	109	54%
DARC-11	841847.4	820784.6	27.6	448	131	29%	258	<1	<1%	206	<1	<1%
DARC-12	841867.6	820778.9	27.6	402	100	25%	273	<1	<1%	201	<1	<1%
DARC-13	841883.6	820764.7	27.6	420	<1	<1%	262	<1	<1%	195	<1	<1%
DARC-14	841889.9	820743.8	27.6	350	<1	<1%	266	<1	<1%	194	<1	<1%
DARC-15	841893.9	820726.7	27.6	401	<1	<1%	268	<1	<1%	195	<1	<1%

Note:

[1] Figure shaded and bolded where exceedance of EIAO-TM criterion occur.

[2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

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ASR ID	X	Y	Approx. Roof Height above Ground (m)	Max. 1-hour TSP Concentration (µg/m3) [1]								
				(EIAO-TM Criterion = 500µg/m3)								
				1.5m			5m			10m		
				Cumulative [2]	Project Contribution	Project Contribution %	Cumulative [2]	Project Contribution	Project Contribution %	Cumulative [2]	Project Contribution	Project Contribution %
ACYC-01	842184.8	821426.9	3	165	<1	<1%	-	-	-	-	-	-
ADET-01	842261.8	821643.6	9	166	<1	<1%	165	<1	<1%	-	-	-
AHKG-01	842208.3	821658.2	10	165	<1	<1%	165	<1	<1%	165	<1	<1%
ALEP-02	841663.1	821519.0	15	173	2	1%	173	2	1%	173	1	<1%
ALWT-01	841948.1	821550.0	6	165	<1	<1%	165	<1	<1%	-	-	-
ALWT-02	842106.1	821553.7	6	165	<1	<1%	165	<1	<1%	-	-	-
ALWT-03	842093.0	821477.2	3	165	<1	<1%	-	-	-	-	-	-
AMKT-01	842348.4	821649.8	9	166	<1	<1%	165	<1	<1%	-	-	-
ASTY-01	842469.3	821215.0	9	165	<1	<1%	165	<1	<1%	-	-	-
ATSV-01	842363.6	821573.5	9	165	<1	<1%	165	<1	<1%	-	-	-
AVDT-01	842090.4	821643.9	3	166	<1	<1%	-	-	-	-	-	-
AVDT-02	842111.9	821631.3	3	166	<1	<1%	-	-	-	-	-	-
DARA-01	841600.4	821129.8	85.2	186	<1	<1%	188	<1	<1%	186	<1	<1%
DARA-03	841560.4	821078.2	85.2	190	<1	<1%	191	<1	<1%	188	<1	<1%
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DARA-05	841660.4	821097.5	93.4	187	<1	<1%	189	<1	<1%	186	<1	<1%
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DARA-07	841701.2	821067.3	32	188	<1	<1%	189	<1	<1%	187	<1	<1%
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DARA-10	841755.9	820973.7	32	208	<1	<1%	213	<1	<1%	196	<1	<1%
DARA-11	841727.8	820958.3	32	227	<1	<1%	230	<1	<1%	208	<1	<1%
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DARA-13	841668.8	820994.2	32	203	<1	<1%	209	<1	<1%	194	<1	<1%
DARA-14	841656.7	821028.7	32	192	<1	<1%	199	<1	<1%	188	<1	<1%
DARB-01	841625.4	821028.7	87.9	193	<1	<1%	194	<1	<1%	189	<1	<1%
DARB-02	841590.4	821054.0	1.5	191	<1	<1%	-	-	-	-	-	-
DARB-10	841734.3	820813.0	96.2	209	<1	<1%	208	<1	<1%	187	<1	<1%
DARB-11	841787.6	820820.1	96.2	346	<1	<1%	272	<1	<1%	198	<1	<1%
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DARC-02	841767.0	820789.2	76.9	257	<1	<1%	202	<1	<1%	187	<1	<1%
DARC-09	841826.0	820760.1	27.6	333	16	5%	229	<1	<1%	198	<1	<1%
DARC-10	841827.4	820780.9	27.6	355	<1	<1%	237	<1	<1%	202	<1	<1%
DARC-11	841847.4	820784.6	27.6	354	<1	<1%	258	<1	<1%	206	<1	<1%
DARC-12	841867.6	820778.9	27.6	349	<1	<1%	273	<1	<1%	201	<1	<1%
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