

Appendix 3-4
Summary Table of TSP Assessment Results
(Unmitigated)

**Appendix 3-4A Summary Table of Highest Hourly TSP Level (Northern Portion)
(Unmitigated Scenario)**

ASR	X	Y	Z	Height above ground	Max. Hourly TSP (With Bkg. Level) *	Max. Hourly TSP (W/o Bkg.)	TSP Concentration, µg/m ³			
					With Bkg. Level	= Max of (A), (B), (C1), and (C2)	(A) Cut and Cover and Haul Road (day-time)	(B) Wind erosion (Night-time)	(C1) Wind erosion (Day-time) (Holidays Only)	(C2) Wind erosion (Night-time) (Holidays Only)
A01	823101.12	837242.4	4.4	1.5	1460	1296	1295.7	69.2	13.1	66.5
A01A	823124.28	837181.3	4.4	1.5	1203	1038	1038.1	64.3	8.2	60.9
A02	823092.84	837314	4.4	1.5	1990	1826	1825.9	71.7	18.3	72.1
A02A	823119.86	837359.1	4.4	1.5	2226	2062	2061.9	78.1	20.7	78.7
A03	823260.81	837373.7	4.4	1.5	1892	1727	1727.2	116.0	23.2	99.3
A04	823276.81	837456.1	4.3	1.5	2476	2312	2311.9	135.5	27.0	134.8
A05	823287.12	837673.9	4.2	1.5	5801	5637	5636.6	155.0	54.4	154.9
A05A	823269.63	837644.5	4.2	1.5	5325	5161	5160.5	166.8	52.8	151.6
A05B	823308.73	837726.2	4.2	1.5	6545	6381	6380.9	147.0	65.6	139.7
A06	823405	837870	4.2	1.5	5220	5056	5055.6	160.8	74.2	147.2
A06A	823365.92	837883.6	4.2	1.5	4965	4801	4800.8	163.6	59.9	147.0
A07	823788.62	837882.5	3.1	1.5	2283	2119	2118.6	33.8	19.0	64.1
A08	823679.12	837571.7	2.3	1.5	1672	1508	1507.9	75.5	9.8	51.0
A09	823717.31	837567	3.5	1.5	1717	1552	1552.1	72.9	9.9	53.9
A10	823227.62	837343.9	4.4	1.5	1665	1501	1500.7	100.1	18.7	77.7
A10A	823188.8	837327.3	4.4	1.5	1545	1381	1380.9	82.7	12.5	87.4
A11	823382.12	837043.2	4.5	1.5	993	828	828.2	46.9	7.0	7.4
A12	823509.19	837017.6	6.5	1.5	881	717	716.8	40.1	4.5	0.8
A13	823171.38	837105	4.6	1.5	814	649	649.4	64.6	12.1	58.8
A14	823175.5	837030.5	4.4	1.5	940	775	775.3	57.8	9.5	43.1
A15	823271.81	836947.2	4.1	1.5	1135	971	970.9	30.3	6.8	11.1
A16	823496	837908.2	4.2	1.5	3669	3504	3504.4	170.9	53.2	113.0
A16A	823470.21	837871.6	4.2	1.5	5440	5275	5275.3	175.0	81.4	117.4
A17	823500.62	838152.4	5.7	1.5	1057	892	892.1	74.8	16.2	57.4
A18	823725.62	838015.9	3.5	1.5	1259	1095	1095.0	71.3	16.7	56.7
A19	823749.5	837459.6	3.3	1.5	1015	850	850.2	46.5	5.5	24.5
A20	823745.38	837355.3	4.2	1.5	1281	1116	1116.2	40.0	7.3	10.0
A21	823713.88	837274	4.2	1.5	1473	1308	1308.4	48.2	8.2	1.0
A22	823645.12	837066.1	3.5	1.5	622	458	457.8	41.9	5.9	0.0
A23	823920.62	837886.7	3.6	1.5	1968	1804	1804.0	27.2	12.1	59.7
A24	823927.69	837923.6	3.5	1.5	1717	1552	1552.2	27.6	11.2	53.9
A25	823756	838085.2	4.9	1.5	1053	889	888.7	61.5	15.2	40.5
A26	823040.62	838098.6	4.4	1.5	1064	899	899.1	62.1	9.1	60.5
A27	823465.59	837089.9	4.5	1.5	1004	840	839.5	45.5	5.8	2.5
A28	823286.57	837864.2	4.3	1.5	7989	7825	7824.7	155.9	70.2	153.4
A29	823279.17	837826.6	4.3	1.5	7900	7735	7735.1	157.5	67.1	157.0
A30	823293.2	837534.5	4.5	1.5	5107	4942	4942.1	160.6	44.8	164.0
A31	823393.53	837959.7	3.9	1.5	2519	2355	2355.0	134.0	35.5	121.5
A32	823353.02	837069.1	4.5	1.5	872	708	707.7	57.9	7.1	10.4
A33	823439.27	837932.1	3.9	1.5	2821	2656	2656.3	143.3	42.3	111.9
A34	823424.53	838140.2	5.2	1.5	1362	1197	1197.2	82.2	17.3	75.3
A35	823581.4	838166.3	5	1.5	1124	959	959.2	77.9	15.9	41.5
A36	823703.1	837968.5	3.5	1.5	1762	1597	1597.4	75.5	16.6	59.4
A1P	823478.5	837806.7	2	1.5	6131	5966	5966.1	157.4	61.2	114.4
A2P	823371	837176.7	5	1.5	1241	1076	1076.4	59.4	9.0	11.3
A3P	823392.81	837419.1	7	1.5	1927	1762	1762.3	97.7	15.3	19.3
A4P	823424.31	837553.1	3	1.5	2704	2540	2539.6	120.4	31.4	44.5
A5P	823687.88	837719	3	1.5	2101	1936	1936.3	33.2	31.4	98.3
V01	823571.7	837355.7	3	1.5	1430	1266	1265.5	62.5	13.8	1.5
V02	823780.1	837738.5	2.4	1.5	1743	1578	1578.2	30.7	16.6	76.4
V03	823524.7	837232	3	1.5	886	721	721.3	52.4	6.7	0.9
V04	823384.5	837124.2	4.8	1.5	1151	987	986.7	50.4	8.1	8.7
A01	823101.12	837242.4	4.4	4.5	1428	1264	1263.7	61.7	12.8	58.9
A01A	823124.28	837181.3	4.4	4.5	1157	992	992.4	58.1	7.8	54.7
A02	823092.84	837314	4.4	4.5	1937	1773	1773.0	62.7	17.2	62.9
A02A	823119.86	837359.1	4.4	4.5	2154	1989	1989.4	66.4	19.2	66.8
A03	823260.81	837373.7	4.4	4.5	1800	1636	1635.9	87.1	20.6	75.4
A04	823276.81	837456.1	4.3	4.5	2326	2161	2161.3	86.3	23.1	78.0
A05	823287.12	837673.9	4.2	4.5	3463	3299	3298.9	58.8	30.6	52.8
A05A	823269.63	837644.5	4.2	4.5	2786	2622	2621.7	60.1	30.5	53.0
A05B	823308.73	837726.2	4.2	4.5	3358	3194	3194.0	51.3	31.4	38.9
A06	823405	837870	4.2	4.5	3123	2958	2958.4	55.3	48.2	49.6
A06A	823365.92	837883.6	4.2	4.5	3206	3041	3041.4	62.8	44.4	50.6
A07	823788.62	837882.5	3.1	4.5	2124	1960	1960.0	28.2	18.2	52.2
A08	823679.12	837571.7	2.3	4.5	1593	1428	1428.4	59.4	9.3	40.0
A09	823717.31	837567	3.5	4.5	1648	1483	1483.2	59.1	9.5	43.8
A10	823227.62	837343.9	4.4	4.5	1530	1365	1365.2	80.5	17.1	63.4
A10A	823188.8	837327.3	4.4	4.5	1445	1280	1280.3	69.5	12.0	72.8
A11	823382.12	837043.2	4.5	4.5	978	814	813.9	43.4	6.8	7.3
A12	823509.19	837017.6	6.5	4.5	860	695	695.1	37.2	4.5	0.8
A13	823171.38	837105	4.6	4.5	799	634	634.1	58.9	11.6	53.6
A14	823175.5	837030.5	4.4	4.5	914	750	749.9	53.4	9.3	40.0
A15	823271.81	836947.2	4.1	4.5	1108	944	943.7	28.3	6.8	11.0
A16	823496	837908.2	4.2	4.5	3222	3058	3058.0	76.9	46.2	50.5
A16A	823470.21	837871.6	4.2	4.5	3490	3325	3325.1	64.5	50.7	44.2
A17	823500.62	838152.4	5.7	4.5	1022	857	857.3	63.3	15.9	47.1
A18	823725.62	838015.9	3.5	4.5	1173	1009	1008.8	60.2	15.5	46.4
A19	823749.5	837459.6	3.3	4.5	988	824	823.7	40.2	5.5	21.0
A20	823745.38	837355.3	4.2	4.5	1253	1088	1088.2	35.5	7.1	8.7
A21	823713.88	837274	4.2	4.5	1445	1281	1281.0	43.6	8.1	0.9
A22	823645.12	837066.1	3.5	4.5	620	456	455.7	39.1	5.9	0.0

ASR	X	Y	Z	Height above ground	Max. Hourly TSP (With Bkg. Level) *	Max. Hourly TSP (W/o Bkg.)	TSP Concentration, µg/m ³			
					With Bkg. Level	= Max of (A), (B), (C1), and (C2)	(A) Cut and Cover and Haul Road (day-time)	(B) Wind erosion (Night-time)	(C1) Wind erosion (Day-time) (Holidays Only)	(C2) Wind erosion (Night-time) (Holidays Only)
A23	823920.62	837886.7	3.6	4.5	1878	1713	1713.3	24.1	11.7	52.6
A24	823927.69	837923.6	3.5	4.5	1643	1479	1478.6	24.7	10.9	47.7
A25	823756	838085.2	4.9	4.5	1029	864	864.1	54.3	14.4	35.6
A26	823040.62	838098.6	4.4	4.5	1036	871	871.4	53.3	8.8	52.0
A27	823465.59	837089.9	4.5	4.5	973	808	808.2	41.8	5.8	2.5
A28	823286.57	837864.2	4.3	4.5	3681	3517	3516.7	53.4	45.0	53.5
A29	823279.17	837826.6	4.3	4.5	3603	3438	3438.4	50.9	43.8	50.5
A30	823293.2	837534.5	4.5	4.5	3769	3604	3604.3	74.4	32.6	73.7
A31	823393.53	837959.7	3.9	4.5	2387	2222	2222.3	79.5	33.5	72.2
A32	823353.02	837069.1	4.5	4.5	859	694	694.1	52.9	7.0	10.2
A33	823439.27	837932.1	3.9	4.5	2563	2399	2399.0	74.7	38.6	53.9
A34	823424.53	838140.2	5.2	4.5	1342	1177	1177.2	68.5	17.1	62.9
A35	823581.4	838166.3	5	4.5	1113	949	948.7	66.8	15.8	35.7
A36	823703.1	837968.5	3.5	4.5	1681	1517	1516.5	62.0	15.0	46.9
A1P	823478.5	837806.7	2	4.5	3488	3323	3323.1	54.5	38.1	41.1
A2P	823371	837176.7	5	4.5	1213	1049	1048.6	53.0	8.8	11.0
A3P	823392.81	837419.1	7	4.5	1815	1650	1650.1	72.5	14.9	17.7
A4P	823424.31	837553.1	3	4.5	2268	2104	2103.9	63.3	28.7	21.5
A5P	823687.88	837719	3	4.5	2030	1866	1865.7	27.8	26.1	66.1
V01	823571.7	837355.7	3	4.5	1382	1218	1217.7	53.6	13.6	1.1
V02	823780.1	837738.5	2.4	4.5	1615	1451	1451.0	24.0	16.3	60.1
V03	823524.7	837232	3	4.5	855	690	690.2	46.7	6.6	0.9
V04	823384.5	837124.2	4.8	4.5	1130	966	965.7	45.8	7.9	8.5
A01	823101.12	837242.4	4.4	7.5	1367	1202	1202.2	49.1	12.2	46.5
A01A	823124.28	837181.3	4.4	7.5	1072	907	907.4	47.4	7.3	44.2
A02	823092.84	837314	4.4	7.5	1837	1672	1672.1	48.0	15.2	48.1
A02A	823119.86	837359.1	4.4	7.5	2017	1853	1852.6	48.4	16.6	48.5
A03	823260.81	837373.7	4.4	7.5	1634	1470	1470.0	52.0	17.6	45.6
A04	823276.81	837456.1	4.3	7.5	2125	1961	1960.6	49.6	19.0	35.5
A05	823287.12	837673.9	4.2	7.5	1992	1827	1827.3	30.8	21.0	28.8
A05A	823269.63	837644.5	4.2	7.5	2028	1863	1863.1	34.9	19.4	32.3
A05B	823308.73	837726.2	4.2	7.5	1870	1706	1705.5	22.7	22.2	22.8
A06	823405	837870	4.2	7.5	2182	2018	2018.0	31.8	33.4	16.5
A06A	823365.92	837883.6	4.2	7.5	2314	2149	2149.3	37.3	30.7	17.1
A07	823788.62	837882.5	3.1	7.5	1843	1679	1678.7	19.7	16.7	35.0
A08	823679.12	837571.7	2.3	7.5	1447	1282	1282.3	37.4	8.3	24.8
A09	823717.31	837567	3.5	7.5	1519	1355	1354.9	39.3	8.7	29.2
A10	823227.62	837343.9	4.4	7.5	1350	1185	1185.4	53.2	14.4	42.7
A10A	823188.8	837327.3	4.4	7.5	1342	1177	1177.1	49.4	11.1	51.0
A11	823382.12	837043.2	4.5	7.5	951	786	786.2	37.0	6.6	7.1
A12	823509.19	837017.6	6.5	7.5	818	654	653.7	32.2	4.5	0.8
A13	823171.38	837105	4.6	7.5	775	611	610.9	48.9	10.8	44.6
A14	823175.5	837030.5	4.4	7.5	866	702	701.9	45.7	9.0	34.4
A15	823271.81	836947.2	4.1	7.5	1056	892	891.6	24.6	6.6	10.7
A16	823496	837908.2	4.2	7.5	2609	2445	2444.8	44.3	36.8	27.2
A16A	823470.21	837871.6	4.2	7.5	2531	2367	2367.0	39.1	35.9	22.0
A17	823500.62	838152.4	5.7	7.5	963	799	798.7	45.7	15.5	33.5
A18	823725.62	838015.9	3.5	7.5	1048	883	883.1	43.4	13.4	31.3
A19	823749.5	837459.6	3.3	7.5	938	773	773.1	30.2	5.4	15.4
A20	823745.38	837355.3	4.2	7.5	1199	1034	1034.2	28.0	6.7	6.6
A21	823713.88	837274	4.2	7.5	1392	1228	1228.0	35.9	8.0	0.6
A22	823645.12	837066.1	3.5	7.5	616	452	451.6	33.9	5.8	0.0
A23	823920.62	837886.7	3.6	7.5	1710	1546	1545.7	19.0	11.1	40.8
A24	823927.69	837923.6	3.5	7.5	1506	1342	1341.9	19.7	10.4	37.4
A25	823756	838085.2	4.9	7.5	982	817	817.1	42.4	12.9	27.7
A26	823040.62	838098.6	4.4	7.5	983	819	818.8	39.5	8.2	38.5
A27	823465.59	837089.9	4.5	7.5	913	749	749.0	35.4	5.7	2.4
A28	823286.57	837864.2	4.3	7.5	2224	2060	2059.9	28.7	30.4	30.4
A29	823279.17	837826.6	4.3	7.5	2209	2045	2044.5	25.8	29.0	26.9
A30	823293.2	837534.5	4.5	7.5	2666	2501	2501.3	41.9	21.0	32.6
A31	823393.53	837959.7	3.9	7.5	2151	1987	1987.0	40.8	29.9	32.4
A32	823353.02	837069.1	4.5	7.5	832	668	667.8	44.3	6.8	9.9
A33	823439.27	837932.1	3.9	7.5	2154	1990	1989.5	41.6	32.6	22.1
A34	823424.53	838140.2	5.2	7.5	1308	1143	1143.4	48.1	16.6	44.4
A35	823581.4	838166.3	5	7.5	1093	928	928.2	49.4	15.4	26.5
A36	823703.1	837968.5	3.5	7.5	1532	1368	1367.5	42.2	13.1	29.6
A1P	823478.5	837806.7	2	7.5	2377	2213	2212.7	31.2	27.0	19.5
A2P	823371	837176.7	5	7.5	1160	995	995.4	42.2	8.4	10.6
A3P	823392.81	837419.1	7	7.5	1614	1450	1449.6	41.5	14.2	15.8
A4P	823424.31	837553.1	3	7.5	2019	1855	1854.5	26.1	24.2	16.6
A5P	823687.88	837719	3	7.5	1899	1734	1734.3	19.9	18.4	32.4
V01	823571.7	837355.7	3	7.5	1292	1128	1127.5	39.5	13.3	0.6
V02	823780.1	837738.5	2.4	7.5	1415	1251	1250.9	18.2	15.7	38.0
V03	823524.7	837232	3	7.5	844	680	679.6	37.1	6.5	0.8
V04	823384.5	837124.2	4.8	7.5	1090	925	925.1	37.9	7.6	8.2
Max. TSP Level, ug/m³					7989	7825				
Relevant AQO Criteria, ug/m³					500	500				

Remark: * The above results have included the background level extracted from the PATH Output (year 2015). The predicted TSP level due to this Project has already exceeded the relevant air quality criteria regardless the background level (i.e. mitigation measures will be required regardless the background level), thus in calculating the total concentration of TSP (i.e. background + Project contribution), the maximum hourly RSP level from the PATH output file (i.e. 164.4 µg/m³) is used (a conservative approach).

**Appendix 3-4B Summary Table of Highest Hourly TSP Level (Southern Portion)
(Unmitigated Scenario)**

ASR	X	Y	Z	Height above ground	Max. Hourly TSP (With Bkg. Level) *	Max. Hourly TSP (W/o Bkg.)	TSP Concentration, µg/m ³			
					With Bkg. Level	= Max of (A), (B), (C1), and (C2)	(A) Cut and Cover and Haul Road (day-time)	(B) Wind erosion (Night-time)	(C1) Wind erosion (Day-time) (Holidays Only)	(C2) Wind erosion (Night-time) (Holidays Only)
A01	823101.12	837242.4	4.4	1.5	7157	6993	6992.5	140.3	70.6	139.8
A01A	823124.28	837181.3	4.4	1.5	5257	5093	5092.5	149.6	53.0	149.5
A02	823092.84	837314	4.4	1.5	6758	6593	6593.1	154.5	72.0	154.4
A02A	823119.86	837359.1	4.4	1.5	7846	7681	7681.2	161.3	54.2	156.9
A03	823260.81	837373.7	4.4	1.5	6051	5887	5886.7	150.9	63.2	150.9
A04	823276.81	837456.1	4.3	1.5	6478	6314	6313.9	170.0	70.0	170.0
A05	823287.12	837673.9	4.2	1.5	1520	1356	1356.0	96.1	19.3	95.4
A05A	823269.63	837644.5	4.2	1.5	2394	2230	2229.8	93.8	20.7	92.5
A05B	823308.73	837726.2	4.2	1.5	1491	1327	1326.7	91.1	18.5	68.6
A06	823405	837870	4.2	1.5	1058	894	893.9	70.8	9.6	69.0
A06A	823365.92	837883.6	4.2	1.5	1018	853	853.1	66.7	10.7	59.7
A07	823788.62	837882.5	3.1	1.5	775	610	610.3	32.8	5.8	38.3
A08	823679.12	837571.7	2.3	1.5	1333	1168	1168.1	49.9	9.8	50.5
A09	823717.31	837567	3.5	1.5	1399	1234	1234.2	44.9	9.0	50.0
A10	823227.62	837343.9	4.4	1.5	6609	6445	6444.5	141.2	61.2	140.8
A10A	823188.8	837327.3	4.4	1.5	5591	5427	5426.7	132.9	44.3	123.0
A11	823382.12	837043.2	4.5	1.5	2939	2775	2774.8	91.8	21.2	104.7
A12	823509.19	837017.6	6.5	1.5	1719	1554	1554.1	60.0	9.2	71.1
A13	823171.38	837105	4.6	1.5	7063	6898	6898.3	154.9	55.0	143.4
A14	823175.5	837030.5	4.4	1.5	4209	4044	4044.2	144.6	30.9	135.8
A15	823271.81	836947.2	4.1	1.5	2119	1955	1954.7	111.5	18.9	30.8
A16	823496	837908.2	4.2	1.5	1045	880	880.1	41.4	7.8	36.6
A16A	823470.21	837871.6	4.2	1.5	1164	1000	999.5	44.3	8.3	51.6
A17	823500.62	838152.4	5.7	1.5	734	570	569.5	45.1	5.7	43.1
A18	823725.62	838015.9	3.5	1.5	900	736	735.8	32.2	7.7	16.5
A19	823749.5	837459.6	3.3	1.5	1277	1113	1112.5	40.7	10.3	43.5
A20	823745.38	837355.3	4.2	1.5	2596	2432	2432.0	48.9	14.5	33.3
A21	823713.88	837274	4.2	1.5	1871	1707	1706.5	43.2	14.1	28.7
A22	823645.12	837066.1	3.5	1.5	1886	1721	1721.1	36.4	12.5	40.2
A23	823920.62	837886.7	3.6	1.5	791	626	626.1	28.9	4.8	25.5
A24	823927.69	837923.6	3.5	1.5	685	521	520.5	29.0	3.7	29.5
A25	823756	838085.2	4.9	1.5	781	617	616.7	32.9	7.2	14.0
A26	823040.62	838098.6	4.4	1.5	785	621	620.7	32.4	4.8	24.1
A27	823465.59	837089.9	4.5	1.5	2962	2797	2797.2	57.8	15.9	85.8
A28	823286.57	837864.2	4.3	1.5	899	734	734.3	64.4	10.8	64.2
A29	823279.17	837826.6	4.3	1.5	981	817	816.6	67.6	11.7	67.6
A30	823293.2	837534.5	4.5	1.5	3751	3586	3586.4	155.0	41.7	146.4
A31	823393.53	837959.7	3.9	1.5	900	736	736.0	63.1	8.7	57.8
A32	823353.02	837069.1	4.5	1.5	3746	3581	3581.1	113.3	25.7	120.1
A33	823439.27	837932.1	3.9	1.5	1013	848	848.4	63.3	8.5	59.7
A34	823424.53	838140.2	5.2	1.5	697	532	532.1	48.7	6.1	43.7
A35	823581.4	838166.3	5	1.5	728	563	563.4	29.0	4.6	24.5
A36	823703.1	837968.5	3.5	1.5	980	815	815.4	32.1	8.0	18.1
A1P	823478.5	837806.7	2	1.5	1102	938	937.6	41.5	10.4	28.1
A2P	823371	837176.7	5	1.5	4989	4824	4824.2	98.4	37.9	120.6
A3P	823392.81	837419.1	7	1.5	3299	3135	3134.6	117.8	28.2	117.6
A4P	823424.31	837553.1	3	1.5	2177	2012	2012.2	89.5	24.1	66.9
A5P	823687.88	837719	3	1.5	1008	844	844.0	43.4	6.7	46.7
V01	823571.7	837355.7	3	1.5	3555	3391	3390.7	57.1	19.0	57.4
V02	823780.1	837738.5	2.4	1.5	1073	908	908.2	40.8	7.6	30.5
V03	823524.7	837232	3	1.5	2527	2362	2362.2	78.5	19.2	73.9
V04	823384.5	837124.2	4.8	1.5	4089	3925	3924.6	91.6	25.1	112.7
A01	823101.12	837242.4	4.4	4.5	3665	3501	3501.0	48.0	41.5	40.3
A01A	823124.28	837181.3	4.4	4.5	3306	3141	3141.3	57.0	36.8	54.4
A02	823092.84	837314	4.4	4.5	3446	3281	3281.4	52.5	44.2	53.0
A02A	823119.86	837359.1	4.4	4.5	4329	4165	4164.9	53.6	33.7	50.4
A03	823260.81	837373.7	4.4	4.5	3528	3364	3363.8	52.2	44.6	48.8
A04	823276.81	837456.1	4.3	4.5	3515	3350	3350.2	67.4	46.6	64.2
A05	823287.12	837673.9	4.2	4.5	1495	1330	1330.1	76.5	19.0	75.2
A05A	823269.63	837644.5	4.2	4.5	2233	2068	2068.1	72.3	20.3	71.4
A05B	823308.73	837726.2	4.2	4.5	1444	1279	1279.1	75.2	17.1	55.4
A06	823405	837870	4.2	4.5	1040	875	875.4	63.7	9.5	62.2
A06A	823365.92	837883.6	4.2	4.5	980	816	815.7	60.4	10.6	53.8
A07	823788.62	837882.5	3.1	4.5	767	603	602.8	30.8	5.8	35.9
A08	823679.12	837571.7	2.3	4.5	1274	1109	1109.3	44.4	9.5	44.9
A09	823717.31	837567	3.5	4.5	1369	1205	1205.0	40.2	8.8	44.8
A10	823227.62	837343.9	4.4	4.5	3618	3454	3453.6	48.6	41.4	42.5
A10A	823188.8	837327.3	4.4	4.5	2991	2827	2827.0	40.9	33.0	33.2
A11	823382.12	837043.2	4.5	4.5	2668	2503	2503.3	60.0	19.1	66.0
A12	823509.19	837017.6	6.5	4.5	1634	1470	1469.5	48.6	9.1	57.6
A13	823171.38	837105	4.6	4.5	4688	4524	4523.7	70.1	33.5	56.7
A14	823175.5	837030.5	4.4	4.5	3622	3458	3457.5	86.1	26.6	79.5
A15	823271.81	836947.2	4.1	4.5	2043	1879	1878.9	80.8	18.4	26.7
A16	823496	837908.2	4.2	4.5	1029	865	864.9	38.0	7.7	33.9
A16A	823470.21	837871.6	4.2	4.5	1144	980	979.9	40.1	8.1	47.2
A17	823500.62	838152.4	5.7	4.5	728	564	563.6	42.7	5.7	40.9
A18	823725.62	838015.9	3.5	4.5	883	718	718.1	30.6	7.6	16.1
A19	823749.5	837459.6	3.3	4.5	1252	1088	1087.6	36.5	10.1	38.9
A20	823745.38	837355.3	4.2	4.5	2473	2309	2308.8	43.4	14.1	29.6
A21	823713.88	837274	4.2	4.5	1774	1610	1610.0	37.8	13.7	25.1
A22	823645.12	837066.1	3.5	4.5	1833	1668	1668.4	31.5	12.1	34.7

ASR	X	Y	Z	Height above ground	Max. Hourly TSP (With Bkg. Level) *	Max. Hourly TSP (W/o Bkg.)	TSP Concentration, µg/m ³			
					With Bkg. Level	= Max of (A), (B), (C1), and (C2)	(A) Cut and Cover and Haul Road (day-time)	(B) Wind erosion (Night-time)	(C1) Wind erosion (Day-time) (Holidays Only)	(C2) Wind erosion (Night-time) (Holidays Only)
A23	823920.62	837886.7	3.6	4.5	784	620	619.6	27.4	4.8	24.2
A24	823927.69	837923.6	3.5	4.5	680	515	515.3	27.6	3.7	28.1
A25	823756	838085.2	4.9	4.5	768	604	603.6	31.3	7.2	13.7
A26	823040.62	838098.6	4.4	4.5	778	614	613.8	30.7	4.8	22.7
A27	823465.59	837089.9	4.5	4.5	2758	2593	2593.4	42.1	14.6	62.6
A28	823286.57	837864.2	4.3	4.5	884	720	719.7	57.8	10.4	57.4
A29	823279.17	837826.6	4.3	4.5	974	810	809.7	59.8	11.6	59.8
A30	823293.2	837534.5	4.5	4.5	2887	2722	2722.1	83.8	38.2	73.6
A31	823393.53	837959.7	3.9	4.5	888	724	723.9	58.1	8.7	53.2
A32	823353.02	837069.1	4.5	4.5	3234	3070	3069.7	63.5	24.3	63.5
A33	823439.27	837932.1	3.9	4.5	998	834	833.8	58.1	8.3	54.8
A34	823424.53	838140.2	5.2	4.5	691	526	526.3	46.0	6.0	41.3
A35	823581.4	838166.3	5	4.5	722	558	558.0	27.6	4.5	23.3
A36	823703.1	837968.5	3.5	4.5	958	794	793.8	30.4	7.9	17.7
A1P	823478.5	837806.7	2	4.5	1081	917	916.7	37.3	10.1	25.6
A2P	823371	837176.7	5	4.5	3972	3808	3807.6	51.7	34.1	53.9
A3P	823392.81	837419.1	7	4.5	2763	2598	2598.1	60.5	25.5	60.3
A4P	823424.31	837553.1	3	4.5	1927	1762	1762.4	68.5	23.5	44.5
A5P	823687.88	837719	3	4.5	991	827	826.7	39.7	6.6	42.7
V01	823571.7	837355.7	3	4.5	3228	3063	3063.1	44.8	18.1	45.8
V02	823780.1	837738.5	2.4	4.5	1058	894	894.0	37.8	7.5	28.1
V03	823524.7	837232	3	4.5	2238	2073	2073.3	59.1	17.9	55.4
V04	823384.5	837124.2	4.8	4.5	3478	3314	3314.0	51.0	23.2	61.5
A01	823101.12	837242.4	4.4	7.5	2141	1977	1977.0	25.6	27.3	24.7
A01A	823124.28	837181.3	4.4	7.5	2050	1885	1885.2	27.1	24.5	31.5
A02	823092.84	837314	4.4	7.5	2384	2220	2219.6	29.3	29.6	29.8
A02A	823119.86	837359.1	4.4	7.5	2624	2459	2459.3	30.1	24.5	26.0
A03	823260.81	837373.7	4.4	7.5	2511	2346	2346.4	23.4	30.3	22.3
A04	823276.81	837456.1	4.3	7.5	2560	2396	2395.8	35.0	33.4	29.7
A05	823287.12	837673.9	4.2	7.5	1445	1280	1280.2	50.0	18.3	47.9
A05A	823269.63	837644.5	4.2	7.5	1949	1784	1784.2	45.8	19.5	45.8
A05B	823308.73	837726.2	4.2	7.5	1354	1190	1189.8	52.1	14.7	36.8
A06	823405	837870	4.2	7.5	1004	840	839.7	51.8	9.4	50.7
A06A	823365.92	837883.6	4.2	7.5	938	773	773.3	49.5	10.5	43.9
A07	823788.62	837882.5	3.1	7.5	752	588	588.0	27.1	5.6	31.7
A08	823679.12	837571.7	2.3	7.5	1185	1021	1021.0	35.1	9.1	35.5
A09	823717.31	837567	3.5	7.5	1313	1149	1148.9	32.3	8.4	36.1
A10	823227.62	837343.9	4.4	7.5	2289	2124	2124.2	21.3	27.1	17.7
A10A	823188.8	837327.3	4.4	7.5	1923	1759	1758.9	19.4	21.7	15.7
A11	823382.12	837043.2	4.5	7.5	2211	2047	2046.8	37.3	17.4	29.7
A12	823509.19	837017.6	6.5	7.5	1479	1315	1314.6	32.1	8.9	38.1
A13	823171.38	837105	4.6	7.5	2947	2782	2782.2	37.6	23.6	21.4
A14	823175.5	837030.5	4.4	7.5	2752	2588	2588.0	41.6	23.7	35.8
A15	823271.81	836947.2	4.1	7.5	1937	1773	1773.0	47.5	17.3	23.0
A16	823496	837908.2	4.2	7.5	1000	835	835.3	32.0	7.4	29.0
A16A	823470.21	837871.6	4.2	7.5	1106	942	941.8	33.0	7.8	39.5
A17	823500.62	838152.4	5.7	7.5	716	552	551.9	38.3	5.5	36.7
A18	823725.62	838015.9	3.5	7.5	848	684	683.9	27.5	7.4	15.4
A19	823749.5	837459.6	3.3	7.5	1204	1040	1039.5	29.4	9.6	31.1
A20	823745.38	837355.3	4.2	7.5	2246	2081	2081.4	34.2	13.4	23.3
A21	823713.88	837274	4.2	7.5	1598	1433	1433.4	28.9	12.9	19.2
A22	823645.12	837066.1	3.5	7.5	1732	1568	1567.8	23.7	11.4	25.9
A23	823920.62	837886.7	3.6	7.5	771	607	606.7	24.6	4.7	21.9
A24	823927.69	837923.6	3.5	7.5	670	505	505.1	25.0	3.6	25.5
A25	823756	838085.2	4.9	7.5	743	578	578.2	28.5	7.0	13.2
A26	823040.62	838098.6	4.4	7.5	765	600	600.1	27.5	4.7	20.2
A27	823465.59	837089.9	4.5	7.5	2398	2234	2234.0	28.9	13.4	34.6
A28	823286.57	837864.2	4.3	7.5	856	691	691.4	46.7	10.3	45.9
A29	823279.17	837826.6	4.3	7.5	961	796	796.1	47.0	11.5	47.0
A30	823293.2	837534.5	4.5	7.5	2537	2373	2372.7	40.4	32.5	34.3
A31	823393.53	837959.7	3.9	7.5	865	700	700.3	49.2	8.6	45.3
A32	823353.02	837069.1	4.5	7.5	2459	2295	2294.9	38.7	21.8	24.1
A33	823439.27	837932.1	3.9	7.5	970	805	805.3	49.0	8.0	46.1
A34	823424.53	838140.2	5.2	7.5	679	515	514.8	41.0	6.0	36.9
A35	823581.4	838166.3	5	7.5	712	547	547.2	24.9	4.4	21.2
A36	823703.1	837968.5	3.5	7.5	917	753	752.5	27.1	7.8	16.8
A1P	823478.5	837806.7	2	7.5	1041	876	876.3	30.3	9.6	21.2
A2P	823371	837176.7	5	7.5	2698	2534	2533.5	34.4	27.9	34.3
A3P	823392.81	837419.1	7	7.5	2450	2285	2285.2	32.1	23.2	34.7
A4P	823424.31	837553.1	3	7.5	1834	1670	1669.7	41.3	22.4	30.2
A5P	823687.88	837719	3	7.5	958	793	793.3	33.1	6.3	35.7
V01	823571.7	837355.7	3	7.5	2671	2507	2506.6	28.4	16.3	29.4
V02	823780.1	837738.5	2.4	7.5	1031	866	866.2	32.5	7.2	24.3
V03	823524.7	837232	3	7.5	1765	1601	1600.7	34.4	15.6	31.9
V04	823384.5	837124.2	4.8	7.5	2584	2419	2419.3	31.4	19.8	32.7
Max. TSP Level, µg/m³					7846	7681				
Relevant AQO Criteria, µg/m³					500	500				

Remark: * The above results have included the background level extracted from the PATH Output (year 2015). The predicted TSP level due to this Project has already exceeded the relevant air quality criteria regardless the background level (i.e. mitigation measures will be required regardless the background level), thus in calculating the total concentration of TSP (i.e. background + Project contribution), the maximum hourly RSP level from the PATH output file (i.e. 164.4 µg/m³) is used (a conservative approach).