

Appendix 3.15

Result of Mitigated TSP Concentration for Tier-3 Assessment

(Blank)

Results Summary of Construction Dust Assessment
 KTN NDA
 Year: 2025
 Scenario: Mitigated Tier 3

ASR	1-hour TSP concentrations at various height (µm/m³)			24-hourTSP concentrations at various height (µm/m³)		
	1.5m	5m	10m	1.5m	5m	10m
KTN-E24	481.7	241.9	157.0	194.4	131.1	101.5
KTN-E85	270.4	243.3	178.1	85.2	84.8	82.1
KTN-E86	215.1	206.0	167.4	83.6	83.5	81.3
KTN-E87	241.0	212.1	148.0	84.1	83.2	81.5
KTN-E88	194.0	187.1	154.8	97.0	94.2	86.3
KTN-E89	156.8	155.4	137.2	83.2	83.1	81.1
KTN-E90	141.4	141.9	129.4	79.6	79.8	78.9
KTN-E91	122.3	123.8	117.2	77.2	77.4	77.0
KTN-E94	382.5	247.8	166.2	118.6	103.3	91.2
KTN-E97	226.9	204.0	150.0	96.9	93.0	84.8
KTN-E99	214.4	176.0	142.1	101.5	90.5	83.5
KTN-E100	187.9	162.0	139.8	95.6	88.2	83.1
KTN-E101	190.7	152.0	135.6	86.9	86.2	83.1
KTN-E102	173.4	143.2	128.0	94.0	86.7	82.9
KTN-E104	240.9	181.8	153.1	93.0	86.2	81.7
KTN-E106	166.8	122.9	116.1	88.8	80.9	78.6
KTN-E108	114.6	116.5	111.5	78.1	78.4	78.0
KTN-E109	110.1	112.1	108.1	77.9	78.2	77.8
KTN-E110	106.8	109.5	106.4	77.2	77.5	77.2
KTN-E111	105.8	108.4	105.3	77.3	77.7	77.4
KTN-E112	105.8	108.3	105.2	77.5	77.9	77.5
KTN-E123	383.2	267.6	151.0	110.8	100.9	91.8
KTN-E128	309.0	246.5	151.0	111.3	99.0	91.2
KTN-E154	205.2	190.3	144.1	94.1	92.7	86.9
KTN-E155	168.1	163.8	138.5	87.5	87.3	84.3
KTN-E156	148.5	147.1	130.5	83.9	84.0	82.3
KTN-E162	408.2	249.5	156.5	166.2	119.2	92.9
KTN-E163	281.8	201.6	145.8	132.7	108.3	91.8
KTN-E164	215.6	175.0	139.5	106.1	100.4	91.2
KTN-E170	222.9	154.7	124.1	104.0	95.0	87.0
KTN-E171	173.5	158.5	124.0	95.8	92.3	84.7
KTN-E172	197.4	170.3	136.7	88.0	87.0	85.1
KTN-E173	192.1	153.5	121.4	95.5	91.8	85.1
KTN-E174	338.4	164.3	129.0	132.6	98.6	88.6
KTN-E175	348.2	177.3	125.7	122.4	98.3	87.8
KTN-E209	272.2	189.8	138.7	103.5	88.2	81.5
KTN-E1001	122.5	126.8	121.8	81.1	81.8	81.2
KTN-E1002	282.2	193.2	154.2	114.0	97.8	86.7
KTN-E1003	223.5	195.5	135.9	89.7	86.6	82.9
KTN-E1004	157.2	159.2	146.6	83.8	84.2	82.7
KTN-E1005	206.6	203.4	170.5	87.0	86.9	84.4
KTN-E1006	280.6	234.0	157.5	119.7	110.3	92.8
KTN-E1007	209.7	192.1	141.2	105.8	102.4	92.0
KTN-E1008	148.6	148.0	132.7	87.0	87.0	84.9
KTN-E1009	177.1	173.5	148.6	89.9	89.2	85.3
KTN-E1010	160.9	162.1	146.2	88.5	88.1	84.6
KTN-E1011	108.5	110.6	107.1	75.8	75.9	75.8
KTN-E1012	125.2	128.9	123.9	75.7	75.9	75.7
KTN-E1013	112.2	115.6	112.3	75.3	75.5	75.3
KTN-E1014	101.4	104.0	102.1	74.6	74.8	74.7
KTN-E1015	102.7	105.9	103.9	74.7	74.9	74.8
KTN-E1016	98.4	101.3	99.7	74.5	74.7	74.6
KTN-E1017	441.6	231.4	142.0	128.8	96.3	85.6
KTN-E1018	254.9	160.7	123.2	118.0	96.4	87.4
KTN-E1019	166.5	168.8	152.5	90.0	90.5	88.2
KTN-E1020	167.2	170.8	156.0	90.8	91.4	89.0

ASR	1-hour TSP concentrations at various height ($\mu\text{m}/\text{m}^3$)			24-hour TSP concentrations at various height ($\mu\text{m}/\text{m}^3$)		
	1.5m	5m	10m	1.5m	5m	10m
KTN-E1021	222.9	173.3	122.7	95.3	91.3	85.9
KTN-E1022	129.8	132.4	125.1	83.4	83.6	82.0
KTN-E1023	249.8	191.8	164.7	108.7	99.0	89.4
KTN-E1024	97.2	99.3	97.5	76.5	76.9	76.7
KTN-1	194.3	160.2	133.7	91.0	87.4	85.4
KTN-2	200.0	160.1	129.0	94.1	91.1	85.5
KTN-3	159.5	159.5	141.6	89.5	89.7	87.0
KTN-4	161.7	151.1	134.5	91.9	90.4	85.5
KTN-5	176.6	172.6	144.4	92.7	92.4	88.4
KTN-6	191.9	185.5	151.8	96.3	95.6	90.3
KTN-7	182.3	177.7	150.4	88.0	87.6	84.3
KTN-8	193.5	185.5	148.7	87.6	87.3	84.5
KTN-9	205.6	193.9	149.7	87.7	87.6	84.9
KTN-10	240.0	219.5	160.7	91.9	90.7	86.6
KTN-11	240.5	222.6	163.4	97.6	96.1	89.7
KTN-12	288.7	251.2	166.7	93.5	91.7	86.4
KTN-13	336.6	273.0	163.2	100.0	96.0	88.1
KTN-14	212.7	194.8	142.2	92.0	91.5	87.3
KTN-15	222.4	205.9	152.6	91.8	91.3	87.1
KTN-16	225.2	208.8	154.8	91.5	90.9	86.6
KTN-17	322.1	250.2	159.5	103.9	98.5	88.8
KTN-18	365.0	269.4	164.9	106.1	98.8	88.2
KTN-19	494.1	260.0	167.4	143.5	110.5	91.0
KTN-20	382.7	259.9	164.9	114.3	102.7	90.0
KTN-21	227.4	208.1	152.1	98.2	95.7	88.5
KTN-22	223.9	206.4	154.2	101.5	98.9	90.7
KTN-23	242.9	226.5	172.8	103.4	100.3	91.4
KTN-24	262.5	238.8	174.5	106.7	102.2	92.3
KTN-25	351.6	275.9	169.3	119.7	108.0	96.7
KTN-26	447.1	275.5	169.3	141.3	119.1	100.9
KTN-27	375.1	251.3	162.7	137.4	118.8	99.8
KTN-28	378.6	236.1	160.3	140.3	113.4	97.9
KTN-82	219.2	207.3	162.5	91.2	90.8	87.5
KTN-83	235.2	217.4	163.3	93.4	92.7	89.0
KTN-84	279.7	236.2	156.9	100.1	96.6	90.6
KTN-85	311.5	246.2	154.6	105.9	100.0	91.4
KTN-86	362.7	228.3	158.4	128.7	106.7	93.1
KTN-87	348.0	215.4	160.5	140.2	112.9	94.3
KTN-88	336.9	217.4	161.6	167.5	126.1	95.0
KTN-89	322.8	235.4	161.0	152.2	119.1	93.3
KTN-90	356.3	237.4	161.0	123.9	109.8	91.7
KTN-91	446.3	254.5	160.6	169.1	128.3	97.1
KTN-92	311.1	247.5	159.9	124.1	115.4	98.4
KTN-93	221.1	205.1	153.6	104.8	102.4	93.4
KTN-94	245.7	225.4	165.5	103.2	101.0	93.1
KTN-95	191.8	187.8	158.3	91.4	91.1	87.7
KTN-96	188.6	180.5	155.2	90.4	90.3	87.1
KTN-97	487.5	250.5	158.6	184.0	127.6	98.1
KTN-98	296.0	226.9	153.0	134.7	109.6	91.2
KTN-99	238.7	221.9	166.8	100.7	99.4	92.9
KTN-220	237.2	209.3	163.2	92.1	90.0	85.0
KTN-221	205.3	192.7	149.7	89.5	88.4	84.9
KTN-222	181.6	178.6	152.1	91.0	89.6	85.4
KTN-223	173.3	167.7	145.4	89.5	88.9	85.8
KTN-224	172.2	168.0	146.6	88.0	88.1	85.6
KTN-225	219.9	200.4	159.5	89.7	88.8	84.8
KTN-226	188.3	181.7	148.8	88.8	88.6	85.7

ASR	1-hour TSP concentrations at various height (µm/m³)			24-hourTSP concentrations at various height (µm/m³)		
	1.5m	5m	10m	1.5m	5m	10m
KTN-227	193.0	183.6	148.9	90.7	90.6	87.2
KTN-228	177.0	175.7	152.1	91.5	91.3	87.7
KTN-229	205.8	200.4	167.2	90.4	90.4	87.1
KTN-230	229.4	218.9	174.9	89.1	89.1	86.2
KTN-231	192.1	186.6	154.1	94.9	94.1	89.1
KTN-232	187.2	183.8	154.8	93.8	93.3	88.8
KTN-233	208.3	201.8	166.5	96.8	95.5	89.5
KTN-234	210.4	205.8	172.6	91.4	91.3	88.1
KTN-235	190.4	189.5	165.6	88.8	88.9	86.6
KTN-236	191.6	189.0	162.3	88.7	88.6	86.3
KTN-237	188.1	185.7	160.2	90.8	90.7	87.2
KTN-248	511.0	240.1	154.2	185.5	120.8	98.9
KTN-249	374.1	250.1	158.3	145.3	114.6	97.7
KTN-272	401.3	283.9	174.7	141.7	100.7	88.3
KTN-273	285.9	226.1	153.5	120.9	100.7	90.0
KTN-274	384.5	297.4	176.6	107.4	95.2	85.9
KTN-275	278.6	241.4	162.1	96.3	94.6	88.6
KTN-276	175.0	173.9	150.7	86.8	87.1	85.1
KTN-277	145.8	148.6	137.6	80.7	81.1	80.4
KTN-278	123.5	126.7	121.0	77.8	78.1	77.8
KTN-279	121.2	124.4	119.0	77.3	77.6	77.2
KTN-280	122.8	126.2	121.3	76.8	77.0	76.7
KTN-281	131.7	135.3	128.6	77.3	77.6	77.1
KTN-282	148.4	151.5	140.6	78.3	78.6	77.9
KTN-283	169.9	171.7	154.8	78.5	78.6	77.7
KTN-284	159.3	159.8	144.1	78.7	78.8	77.9
KTN-285	183.3	183.0	160.9	80.5	80.4	78.9
KTN-286	339.7	264.4	179.8	100.1	91.4	83.4
KTN-287	252.6	230.3	169.8	108.0	93.7	85.3
KTN-302	327.9	225.3	165.8	92.3	86.1	80.9
KTN-303	178.3	160.4	140.0	86.5	84.1	81.7
KTN-304	164.2	166.0	149.7	84.5	83.3	82.0
KTN-305	153.7	147.7	133.8	84.8	83.8	80.6
KTN-306	159.3	161.0	145.7	85.7	84.4	80.1
KTN-307	229.8	167.0	141.0	91.8	86.5	81.7
KTN-308	314.4	204.1	144.2	107.4	88.2	82.3
KTN-309	213.5	191.7	154.5	84.4	84.5	83.2
KTN-310	333.1	212.6	168.8	92.9	87.9	85.8
KTN-311	239.2	194.3	168.6	89.1	88.8	86.1
KTN-312	205.1	192.3	168.0	87.7	87.2	85.1
KTN-313	178.3	180.7	161.7	84.3	84.7	83.3
KTN-314	159.7	162.1	147.2	83.2	83.6	82.6
KTN-321	388.3	226.4	151.6	136.8	114.2	93.9
KTN-322	273.5	223.2	151.6	117.3	109.6	94.5
KTN-323	244.1	218.5	154.9	107.3	103.8	93.4
KTN-324	225.6	200.9	149.5	105.2	102.5	93.4
KTN-325	288.9	223.6	153.8	117.8	109.8	94.8
KTN-326	464.1	246.0	158.0	159.8	120.4	95.0
KTN-354	373.8	240.5	157.0	117.1	102.9	91.0
KTN-355	489.9	267.1	161.9	156.7	111.3	93.3
KTN-356	552.7	265.4	169.5	214.9	135.4	99.6
KTN-357	478.3	308.8	174.0	174.5	128.6	100.7
KTN-358	425.6	272.4	178.2	173.7	133.1	100.2
KTN-377	291.9	229.1	149.8	108.8	100.2	89.4
KTN-378	335.9	233.2	154.3	122.3	105.2	90.0
KTN-379	364.9	226.3	151.2	131.0	109.3	91.6
KTN-380	465.5	225.6	142.6	177.6	117.0	94.0
KTN-381	428.6	230.3	147.6	172.5	120.9	94.7
KTN-382	338.2	226.2	151.0	132.3	111.1	92.1
KTN-408	436.9	217.0	143.9	115.8	100.3	86.3

ASR	1-hour TSP concentrations at various height (µm/m³)			24-hourTSP concentrations at various height (µm/m³)		
	1.5m	5m	10m	1.5m	5m	10m
KTN-409	347.9	197.3	149.8	123.0	97.3	86.2
KTN-410	434.3	218.1	148.6	134.2	98.1	86.8
KTN-411	393.2	227.4	136.6	161.3	104.8	87.9
KTN-C1	177.9	176.8	155.0	90.9	90.4	86.4