

Fugitive Dust Modeling Results (Assuming 10 working hrs per day)

ASR ID	Description	Land use	Assessment level (mPD)	Construction Stage 1	1-hr Fugitive Dust Concentration ($\mu\text{g}/\text{m}^3$)					Max	Remark
					Construction Stage 2	Construction Stage 3	Construction Stage 4	Construction Stage 5			
A1	Hai Nam Garden	Residential	2.1	182.94	67.92	68.65	53.88	58.23	182.939		
A2	Western Sports Pavilion A	Recreational	5.6	137.26	67.64	69.58	53.91	58.29	137.269		
A3	Sun Star Plaza	Residential	3.7	168.41	68.07	68.78	53.95	58.47	168.407		
A4	Edifício Comandante Pinto Ribeiro	Residential	8.5	136.43	67.97	68.63	53.92	58.42	136.427		
A5	Escola Hoi Fai	Educational Institution	3	80.55	132.40	120.12	55.60	61.77	132.396		
A6	Escola Dos Moradores De Macau	Educational Institution	3.1	176.93	68.02	68.63	53.93	58.46	176.935		
A7	Edifício Fok Sai Seaview Garden	Residential	12.5	96.87	68.11	68.79	53.95	58.52	96.872		
A8	Escola Kaang Peng	Educational Institution	3.2	108.77	68.10	68.63	53.94	58.56	108.766		
A9	Hoi Keng Yuen III	Residential	11.4	118.42	68.31	68.88	53.98	58.67	118.422		
A10	Area Praia Park	Recreational	3.5	130.36	68.24	68.71	53.96	58.67	130.360		
A11	Iao Hon Recreational area	Recreational	3.5	235.65	68.58	68.80	53.99	58.77	235.655		
A12	Edif. Jardim Kung Fok On	Residential	3.3	114.53	68.61	69.26	54.05	58.94	114.529		
A13	Wa Mau San Chun	Residential	10.2	123.20	68.53	68.98	54.02	58.84	123.199		
A14	Escola Luso-Chinese Techno-Professional	Educational Institution	3.2	161.76	68.73	69.30	54.07	58.93	161.758		
A15	Edifício Kin Wa Bloco 13	Residential	2.9	135.49	68.88	69.38	54.08	59.00	135.488		
A16	Edifício Kin Wa Bloco 2	Residential	3.7	106.37	68.15	69.65	54.14	59.16	106.374		
A17	Ho Tin Industrial Centre	Industrial	2.8	177.34	69.28	69.86	54.15	59.17	177.344		
A18	Hoi Pan Garden Bloco 14	Residential	2.8	127.62	69.12	69.93	54.15	59.08	127.625		
A19	Hoi Pan Garden Bloco 2	Residential	3	215.65	69.61	69.99	54.20	59.37	215.647		
A20	Royal Supermarket Centre	Industrial	3.3	226.58	69.72	70.15	54.22	59.42	226.580		
A21	Fai Tong Industrial Centre	Industrial	2.9	134.71	69.54	70.25	54.21	59.31	134.715		
A22	Escola Dos Moradores De Macau	Educational Institution	12.9	102.40	116.27	70.41	54.28	60.67	116.520		
A23	Tong Wa San Chun Bloco 1	Residential	6.2	192.59	69.75	70.08	54.22	59.44	192.592		
A24	Nam Wa San Chun Bloco 7	Residential	8.4	154.36	69.94	70.02	54.22	59.54	154.361		
A25	Tin Hou temple	Industrial	4	177.82	70.28	70.12	54.26	59.69	177.817		
A26	Creche A Andorinha Associacao Das Senhoras Democraticas De Macau	Educational Institution	3.2	155.56	70.82	69.99	54.28	59.94	155.556		
A27	Escola Seong Fan Da Associacao Comercial De Macau	Educational Institution	2.9	167.16	70.18	69.96	54.23	59.64	167.165		
A28	Industrial Ocean Centro	Industrial	3.5	188.83	70.47	70.31	54.28	59.75	188.826		
A29	Sheng Kung Hui Escola Choi Kou (Macau)	Educational Institution	3	190.83	70.35	69.86	54.24	59.75	190.827		
A30	Fu Lai Plaza	Residential	3	199.28	70.07	69.61	54.20	59.67	199.285		
A31	Escola Chong Tak	Educational Institution	3.1	253.62	70.21	69.56	54.22	59.77	253.620		
A32	Park east of the Reservoir	Recreational	7.4	199.19	70.44	69.63	54.24	59.86	199.188		
A33	Park west of the Reservoir	Recreational	7.4	181.80	73.03	70.07	54.43	60.79	181.805		
A34	Golden Dragon Hotel	Hotel	140.20	140.20	80.11	72.52	54.66	60.97	140.200		
A35	Commercial Centro Internacional De Macau	Residential	2.8	138.80	104.48	74.56	54.84	61.30	138.805		
A36	La Oceania	Residential	2.8	132.93	88.46	73.67	54.76	61.13	132.928		
A37	Roman Amphitheatre	Amphitheatre	3.6	105.30	87.18	76.60	54.99	61.56	105.299		
A38	Largo de Monte Carlo	Recreational	4.2	128.29	112.43	74.32	54.96	61.85	128.286		
A39	Santa Helena	Hotel	4.6	156.53	105.06	75.80	55.02	61.79	156.526		
A40	Macau Cultural Centre Square	Recreational	4.6	183.77	140.80	75.40	55.07	62.06	183.774		
A41	Macau Cultural Centre	Amphitheatre	4.4	127.93	173.59	75.44	55.27	62.66	173.587		
A42	Jardin Hang Kai	Residential	13.5	126.58	123.76	74.67	55.27	62.68	126.581		
A43	Kao Yip Kindergarten	Educational Institution	13.9	96.82	95.80	76.87	55.26	62.30	99.817		
A44	Zhu Kuan Bldg	Residential	13.9	102.40	116.25	70.41	54.28	60.67	116.520		
A45	Inter-Universitatem Institutum Macao	Educational Institution	13.6	95.08	121.10	76.96	55.39	62.58	121.095		
A46	Dr. Carlos d'Assumpcao Park	Recreational	4.8	91.97	206.79	79.06	55.52	62.71	206.789		
A47	Vista Magnifica Court	Residential	13.6	88.04	113.70	79.48	55.51	62.50	113.695		
A48	Lai Keng Kok Seaview Garden	Residential	13.8	86.26	106.39	79.03	55.63	62.65	106.390		
A49	Edificio Brahmanism	Residential	13.6	83.54	104.49	80.33	55.73	62.51	104.493		
A50	Edificio Kam Yuen	Residential	13.4	85.08	125.26	82.51	55.56	62.35	125.255		
A51	Starworld Hotel	Hotel	3.4	84.46	189.08	85.59	55.68	62.49	189.082		
A52	School of the Nations	Educational Institution	2.9	82.86	169.40	115.22	55.46	61.83	169.397		
A53	Edificio Kam Yai Kock	Residential	2.9	81.72	141.38	127.94	55.39	61.56	141.357		
A54	Wynn Hotel	Hotel	90.05	103.88	97.50	55.36	61.31	103.871			
A55	Hotel Lisboa	Hotel	3.6	79.13	128.69	105.36	55.54	61.38	128.693		
A56	Park adjacent to Avenida da Amizade	Recreational	3.2	79.32	160.69	172.48	55.66	61.63	172.477		
A57	Park adjacent to Ponte Governador Nobre de Carvalho	Recreational	4.1	80.02	236.41	213.71	55.54	61.57	236.413		
A58	Wah Yung Mansion	Residential	20.3	77.63	85.41	89.08	55.32	60.72	89.083		
A59	Grand Emperor Hotel	Hotel	4.3	77.63	148.02	187.12	55.40	60.76	187.117		
A60	Jorge Alvares Park	Recreational	3.4	77.41	106.00	238.60	55.31	60.53	238.598		
A61	Lakeview Mansion	Residential	7.9	76.92	93.89	140.98	55.43	60.69	140.983		
A62	Edificio Hou Van	Residential	3.6	76.96	83.74	155.27	55.37	60.51	155.269		
A63	Nam Van Lake recreational area	Recreational	2.5	76.74	91.59	189.59	55.46	60.59	189.590		
A64	Headquarters of the Macau SAR government	Office	3.8	76.61	87.83	123.45	55.46	60.54	123.446		
A65	Instituto Salesiano	Educational Institution	17	75.96	80.84	92.10	55.42	60.31	92.102		
A66	Edif. Long Tou Kook	Residential	4.2	76.33	84.18	141.75	55.59	60.64	141.746		
A67	Regent Garden	Residential	4.3	76.22	83.81	139.75	55.65	60.68	139.750		
A68	Instituto Helen Liang	Educational Institution	4.4	76.11	81.32	157.20	55.78	60.82	157.200		
A69	Portuguese Consul General's residence in Macao	Residential	16.4	75.70	78.28	101.44	55.76	60.67	101.439		
A70	Nam Wan Lake pavilion	Recreational	14.9	75.27	79.27	101.47	55.50	60.61	101.468		
A71	Praca da Assembleia Legislativa	Recreational	4.7	76.44	77.38	107.38	56.34	61.71	107.381		
A72	Edificio Son Fat Garden	Residential	4	74.35	71.38	122.79	56.26	60.60	122.786		
A73	Ed Torre-Barra III	Residential	4.4	74.41	71.67	106.43	56.10	60.46	106.428		
A74	Ed Torre-Barra I	Residential	4.3	74.54	72.08	94.00	56.03	60.44	93.999		
A75	A-Ma Temple	Place of worship	2.6	74.68	72.83	84.21	55.88	60.11	84.207		
A76	Edif. Kam Tou	Residential	3.3	74.75	72.36	96.37	56.42	60.95	96.365		
A77	Macau Red Cross Society	Clinic	3.4	74.58	71.88	111.31	56.44	60.88	111.306		
A78	Sai Van Lake Park	Recreational	5.3	75.64	73.70	150.81	56.71	61.79	150.805		
A79	Sai Van Lake recreational area	Recreational	2.6	75.06	72.56	196.69	56.75	61.50	196.688		
A80	Park adjacent to Sai Van Lake	Recreational	4	74.58	71.54	140.83	56.72	61.51	140.834		
A81	Ocean Garden - Lotus Court	Residential	14.2	73.28	67.83	69.45	66.25	66.78	73.276		
A82	Pui Wa Middle School	School	4.2	73.39	67.91	69.50	67.58	67.60	73.390		
A83	Ocean Garden - Rose Court	Residential	14.6	73.15	67.73	69.35	67.16	66.65	73.146		
A84	Ocean Garden - Ocean Park	Recreational	4.7	73.15	67.74	69.42	68.79	67.00	73.152		
A85	Ocean Garden - Carnation Court	Residential	14.6	72.93	67.54	68.09	72.71	66.76	72.929		
A86	Ocean Garden - Bamboo Court	Residential	14.6	72.78	67.42	68.95	65.61	66.54	85.808		
A87	Ocean Garden - Ocean Tower	Commercial	49.9	72.50	67.13	68.28	63.59	65.45	72.501		
A88	Creche o Pequeno Golinho	Nursery	4.2	72.81	67.43	68.90	94.68	67.64	94.680		
A89	Ocean Garden - Magnolia Court	Residential	14.5	72.68	67.32	68.76	77.82	66.99	77.825		
A90	Jardim de São Lourenço	Residential	4.3	72.71	67.85	68.80	114.73	67.52	114.734		
A91	Jardim do Cas	Recreational	2.1	72.38	67.11	68.37	118.48	67.53	118.481		
A92	Proposed housing development	Residential	2.7	72.68	67.28	68.48	134.80	69.34	134.800	Layout not available	
A93	Proposed housing development	Residential	2.3	72.71	67.26	68.26	146.61	71.61	146.609	Layout not available	
A94	Triumph Torre	Residential	2.8	72.83	67.32	68.31	118.76	72.37	118.764		
A95	Macau Jockey Club	Recreational	4.2	72.74	67.24	68.20	130.70	72.95	130.704		
A96	Tak Fok Seaview Garden	Residential	2.7	72.85	67.34	68.30	107.40	72.85	107.397		
A97	Fast Garden	Residential	2.8	72.95	67.39	68.33	97.07	73.19	97.069		
A98	Centro Medico Popular	Clinic	11.4	73.01	67.41	68.30	88.85	73.34	88.849		
A99	Nam San Garden	Residential	11.7	72.83	67.28	68.16	98.68	73.70	98.684		
A100	Hotel Taipa Square	Hotel	10.6	72.85	67.28	68.10	116.23	75.00	116.234		
A101	Recreational park	Recreational	3.6	72.84	67.29	68.16	201.43	74.76	201.429		
A102	Four Faces Buddah Shrine	Place of worship	3.1	72.85	67.28	68.10	256.79	75.88	256.786		
A103	Grandview Hotel	Hotel	3	72.85	67.27	68.05	255.36	77.00	255.360		
A104	Fong Jung school	School	4.2	73.06	67.40	68.16	97.97	77.09	97.968		
A105	Creche o Trigueiras	Nursery	11.5	72.86	67.22	67.88	86.86	80.04	86.864		
A106	St.X.H. St. Stephen's Church Macau	Place of worship	14.4	72.87	67.24	67.93	85.28	78.09	85.284		
A107	Chan's medical clinic	Clinic	3.9	72.82	67.22	67.96	207.19	78.62	207.194		
A108	Cheong Lit Noi Medical clinic	Clinic	3.3	72.84	67.23	67.95	138.06	79.32	138.061		
A109	Jardim de Wa Bao	Residential	5.4	72.78	67.18	67.85	107.63	80.77	107.628		
A110	Rolunda do Estadio	Recreational	2.9	72.76	67.18	67.88	151.31	79.66	151.315		
A111	Swimming complex	Recreational	3.4	72.39	66.94	67.6					

Fugitive Dust Modelling Results (Assuming 10 working hrs per day)

ASR ID	Description	Land use	Assessment level (mPD)	1-hr Fugitive Dust Concentration ($\mu\text{g}/\text{m}^3$)					Max	Remark
				Construction Stage1	Construction Stage2	Construction Stage3	Construction Stage4	Construction Stage5		
A136	Edifício Industrial Fok Tai	Industrial	4.4	73.13	67.13	67.24	66.59	121.16	121.159	
A137	Industrial building	Industrial	4.1	73.19	67.16	67.25	56.48	116.62	116.623	
A138	Corpo de Polícia de Segurança Publica	Office	4	73.13	67.10	67.18	56.30	162.79	162.787	
A139	Centro de Saúde de Taipa - Jardins de Oceano	Clinic	4.1	72.77	67.40	68.84	94.99	67.71	94.987	
A141	Macau Airport - departures	Office	12.6	72.51	66.77	66.96	56.81	184.05	184.046	
A142	Edifício Chio Fai	Residential	2.3	112.56	67.81	68.61	53.88	58.17	112.556	Need to obtain # of storeys
A143	S/S Dr. Carlos Assumpcao	Residential	2.2	110.51	67.84	68.65	53.88	58.17	110.513	
A144	Edifício Kian Fui San Chuen	Residential	3.3	130.00	68.01	68.84	53.95	58.38	130.000	Need to obtain # of storeys
A145	Proposed Residential Development near Avenida da Dr. Francisco Vieira Machado	Residential	10	165.95	69.96	69.46	54.19	59.66	165.953	No layout available
A146	Proposed Library near Grand Avenida da Praia	Library	3.3	77.38	97.29	159.70	55.27	60.46	159.698	
A147	Edifício Hoi Tin	Residential	3.6	76.79	90.59	135.09	55.42	60.54	135.085	
A148	Edifício Nam Yun	Residential	3.7	76.51	86.23	136.48	55.52	60.60	136.481	
A149	Proposed Residential Development near Rua da Lago Sai Van	Residential	10	76.06	78.89	126.35	56.03	61.14	126.352	No layout available
A150	Proposed Residential Development near Rua da Lago Sai Van	Residential	10	75.99	77.62	129.97	56.13	61.25	129.973	No layout available
A151	Proposed Residential Development near Rua da Lago Sai Van	Residential	10	76.15	77.40	112.26	56.21	61.43	112.258	No layout available
A152	Proposed Residential Development near Estrada Governador Albano de Oliveira	Residential	2.9	72.76	67.31	68.42	165.93	70.61	165.930	No layout available
A153	Proposed Residential Development near Avenida Wai Long	Residential	10	72.50	66.81	67.09	58.05	224.13	224.135	No layout available
A154	Proposed Residential Development near Avenida Wai Long	Residential	10	72.51	66.81	67.06	57.74	217.30	217.300	No layout available
A155	Proposed Residential Development near Avenida Wai Long	Residential	10	72.54	66.81	67.04	57.40	208.56	208.561	No layout available
A156	Proposed Residential Development near Avenida Wai Long	Residential	10	72.55	66.80	67.01	57.06	197.57	197.566	No layout available

Fugitive Dust Modeling Results (Assuming 10 working hrs per day)

24-hr Fugitive Dust Concentration ($\mu\text{g}/\text{m}^3$)										
ASR ID	Description	Land use	Assessment level (mPD)	Construction Stage1	Construction Stage2	Construction Stage3	Construction Stage4	Construction Stage5	Max	Remark
A1	Hai Nam Garden	Residential	2.1	116.39	66.25	66.56	53.04	56.06	116.393	
A2	Workers Sports Pavilion A	Recreational	5.6	97.36	66.22	66.53	53.05	56.08	97.359	
A3	Sun Star Plaza I	Residential	3.7	110.34	66.32	66.61	53.07	56.16	110.338	
A4	Edificio Comandante Pinto Ribeiro	Residential	8.5	97.01	66.27	66.55	53.06	56.14	97.013	
A5	Escola Hoi Fai	Educational Institution	3	73.73	93.12	88.01	53.75	57.53	93.120	
A6	Escola Dos Moradores De Macau	Educational Institution	3.1	113.89	66.30	66.55	53.06	56.16	113.891	
A7	Edificio Pou Fai Seaview Garden	Residential	12.5	81.36	66.34	66.62	53.07	56.18	81.365	
A8	Escola Keang Peng	Educational Institution	3.2	85.49	66.33	66.55	53.06	56.20	85.487	
A9	Hoi Keng Yuen III	Residential	11.4	89.51	66.42	66.65	53.08	56.25	89.511	
A10	Area Pista Park	Recreational	3.5	94.49	66.39	66.59	53.07	56.24	94.495	
A11	Iao Hon Recreational area	Recreational	3.5	138.36	66.45	66.62	53.08	56.28	138.358	
A12	Edif. Jardim Kong Fok On	Residential	3.3	87.89	66.54	66.81	53.11	56.31	87.889	
A13	Wa Mau San Chun	Residential	10.2	91.50	66.51	66.70	53.09	56.32	91.501	
A14	Escola Luso-Chinese Technico-Profissional	Educational Institution	3.2	107.57	66.59	66.83	53.11	56.35	107.567	
A15	Edificio Kin Wa Bloco 13	Residential	2.9	96.62	66.65	66.86	53.12	56.38	96.622	
A16	Edificio Kin Wa Bloco 2	Residential	3.7	84.49	66.77	66.97	53.14	56.45	84.491	
A17	Ho Yin Industrial Centre	Industrial	2.8	114.06	66.81	67.06	53.15	56.45	114.062	
A18	Ho Pan Garden Bloco 14	Residential	2.8	93.35	66.75	67.09	53.15	56.42	93.345	
A19	Ho Pan Garden Bloco 2	Residential	3	130.02	66.96	67.12	53.17	56.54	130.021	
A20	Royal Supermarket Centre	Industrial	3.3	134.58	67.01	67.18	53.18	56.56	134.577	
A21	Fai Tong Industrial Centre	Industrial	2.9	96.30	66.93	67.23	53.18	56.51	96.299	
A22	Escola Dos Moradores De Macau	Educational Institution	2.9	105.80	67.27	67.29	53.20	56.66	105.802	
A23	Tong Wa San Chun Bloco 1	Residential	8.2	120.41	67.02	67.15	53.18	56.56	120.415	
A24	Nam Wa San Chun Bloco 7	Residential	8.4	104.49	67.10	67.13	53.18	56.61	104.485	
A25	Yin Hou temple	Industrial	4	114.26	67.24	67.17	53.19	56.67	114.259	
A26	Creche A Andorinha Associacao Das Senhoras Democraticas De Macau	Educational Institution	3.2	104.98	67.46	67.12	53.20	56.77	104.983	
A27	Escola Seong Fan Da Associacao Comercial De Macau	Educational Institution	2.9	109.92	67.20	67.11	53.18	56.65	109.920	
A28	Industrial Ocean Centre	Industrial	3.5	118.85	67.32	67.25	53.21	56.69	118.846	
A29	Sheng Kung Hui Escola Choi Kou (Macau)	Educational Institution	3	119.68	67.27	67.06	53.19	56.69	119.679	
A30	Fu Iai Plaza	Residential	3	123.20	67.15	66.96	53.17	56.66	123.204	
A31	Escola Chong Tak	Educational Institution	3.1	145.84	67.21	66.94	53.18	56.70	145.843	
A32	Park east of the Reservoir	Recreational	7.4	123.16	67.31	66.97	53.19	56.74	123.163	
A33	Park west of the Reservoir	Recreational	7.4	115.92	66.38	67.15	53.27	57.13	115.920	
A34	Golden Dragon Hotel	Hotel	2.8	101.96	71.34	68.17	53.36	57.20	101.959	
A35	Comercial Centro Internacional De Macau	Residential	2.8	98.00	81.49	69.02	53.44	57.34	98.004	
A36	La Ocenia	Residential	2.8	95.55	74.81	68.65	53.40	57.27	95.555	
A37	Roman Amphitheatre	Amphitheatre	3.6	84.04	74.28	69.87	53.50	57.45	84.043	
A38	Largo de Monte Carlo	Recreational	4.2	93.62	84.80	68.92	53.49	57.57	93.621	
A39	Sands Hotel	Hotel	4.6	105.39	81.73	69.54	53.51	57.54	105.387	
A40	Macau Cultural Centre Square	Recreational	4.6	116.74	96.62	69.37	53.53	57.66	116.741	
A41	Macau Cultural Centre	Amphitheatre	4.4	93.47	110.28	69.39	53.62	57.81	110.283	
A42	Jardin Hang Kai	Residential	13.5	92.91	89.52	69.07	53.61	57.92	92.910	
A43	Kao Yip Kindergarten	Educational Institution	13.9	81.76	77.87	69.88	53.61	57.76	81.759	
A44	Zhu Kuan Building	Residential	13.9	82.00	86.39	69.64	53.65	57.88	86.394	
A45	Inter-Universitarium Institutum Macao	Educational Institution	13.6	79.78	88.41	70.02	53.67	57.87	88.412	
A46	Dr. Carlos d'Assumpcao Park	Recreational	4.8	78.49	124.12	70.90	53.72	57.93	124.117	
A47	Vista Magnifica Court	Residential	13.6	76.85	85.33	71.07	53.72	57.84	85.338	
A48	Lai Kong Kok Seaview Garden	Residential	13.8	76.11	82.28	70.88	53.76	57.90	82.285	
A49	Edificio Binhaijiao	Residential	13.6	74.96	81.49	71.43	53.81	57.87	81.494	
A50	Edificio Kam Yuen	Residential	13.4	75.62	90.14	72.34	53.74	57.78	90.145	
A51	Stanworld Hotel	Hotel	3.4	75.36	116.74	73.62	53.79	57.84	116.740	
A52	School of the Nations	Educational Institution	2.9	74.69	108.54	85.96	53.69	57.56	108.537	
A53	Edificio Kam Va Kook	Residential	2.9	74.22	96.85	91.26	53.66	57.45	96.854	
A54	Wynn Hotel	Hotel	16.7	73.52	81.24	78.58	53.65	57.34	81.237	
A55	Hotel Lisboa	Hotel	3.6	73.14	91.58	81.96	53.73	57.37	91.577	
A56	Park adjacent to Avenida da Amizade	Recreational	3.2	73.22	104.91	109.82	53.78	57.48	109.821	
A57	Park adjacent to Ponte Governador Nobre de Carvalho	Recreational	4.1	73.51	136.46	127.00	53.73	57.45	136.461	
A58	Wah Yung Mansion	Residential	20.3	72.51	73.54	75.07	53.64	57.10	75.073	
A59	Grand Emperor Hotel	Hotel	4.3	72.51	99.63	115.92	53.67	57.11	115.921	
A60	Jorge Alvares Park	Recreational	3.4	72.42	82.12	137.37	53.63	57.02	137.371	
A61	Lakeview Mansion	Recreational	7.3	72.22	77.08	96.70	53.68	57.05	96.698	
A62	Edificio Hou Yan	Residential	3.5	72.24	77.01	102.65	53.66	57.01	102.650	
A63	Nam Wan Lake recreational area	Recreational	2.5	72.14	76.12	116.95	53.70	57.04	116.951	
A64	Headquarters of the Macau SAR government	Office	3.8	72.09	74.47	89.39	53.70	57.02	89.391	
A65	Instituto Salesiano	Educational Institution	17	71.82	71.64	76.33	53.68	56.93	76.331	
A66	Edif. Long You Kok	Residential	4.2	71.97	73.03	97.02	53.75	57.06	97.016	
A67	Regent Garden	Residential	4.3	71.93	72.46	96.19	53.78	57.08	96.192	
A68	Instituto Helen Liang	Educational Institution	4.4	71.88	71.84	103.46	53.83	57.14	103.455	
A69	Portuguese Consul General's residence in Macao	Residential	16.4	71.71	70.57	80.22	53.82	57.08	80.222	
A70	Nam Wan Lake pier	Recreational	1.4	71.57	70.99	80.23	53.71	56.88	80.234	
A71	Praca da Assembleia Legislativa	Recreational	4.7	72.02	70.20	82.70	54.06	57.51	82.697	
A72	Edificio Son Fat Garden	Residential	4	71.15	67.70	89.12	54.03	57.05	89.116	
A73	Ed Yorre-Barra II	Residential	4.4	71.17	67.82	82.30	53.96	56.99	82.300	
A74	Ed Yorre-Barra I	Residential	4.3	71.22	67.99	77.12	53.93	56.98	77.122	
A75	A-Ma Temple	Place of worship	2.6	71.28	68.30	73.04	53.79	56.84	73.042	
A76	Edif. Kam You	Residential	3.3	71.31	68.11	78.11	54.09	57.20	78.109	
A77	Macau Red Cross Society	Clinic	3.4	71.24	67.90	84.33	54.10	57.17	84.333	
A78	Sai Van Lake Park	Recreational	5.3	71.68	68.66	100.79	54.22	57.54	100.791	
A79	Sai Van Lake recreational area	Recreational	2.6	71.44	68.19	119.91	54.23	57.42	119.909	
A80	Park adjacent to Sai Van Lake	Recreational	4	71.24	67.76	96.64	54.22	57.29	96.636	
A81	Ocean Garden - Lotus Court	Residential	14.2	70.70	66.22	66.89	58.19	59.62	70.700	
A82	Pui Wa Middle School	School	4.2	70.75	66.25	66.91	58.75	59.96	70.747	
A83	Ocean Garden - Rose Court	Residential	14.6	70.65	66.17	66.85	58.57	59.57	70.646	
A84	Ocean Garden - Ocean Park	Recreational	4.7	70.65	66.18	66.88	59.25	59.72	70.648	
A85	Ocean Garden - Carnation Court	Residential	14.6	70.66	66.10	66.74	60.88	59.62	70.555	
A86	Ocean Garden - Bamboo Court	Residential	14.6	70.50	66.05	66.69	60.34	59.57	70.495	
A87	Ocean Garden - Ocean Tower	Commercial	46.8	70.38	65.83	66.40	57.08	59.07	70.377	
A88	Creche o Pequeno Golinho	Nursery	4.2	70.51	66.05	66.65	70.04	59.98	70.507	
A89	Ocean Garden - Magnolia Court	Residential	14.5	70.45	66.01	66.60	63.01	59.71	70.451	
A90	Jardim Beira-Lai Loi	Residential	4.3	70.46	66.02	66.62	78.39	59.93	78.392	
A91	Jardim do Cais	Recreational	2.1	70.33	65.92	66.44	79.95	59.94	79.954	
A92	Proposed housing development	Residential	2.7	70.45	65.99	66.49	86.75	60.69	86.753	Layout not available
A93	Proposed housing development	Residential	2.3	70.47	65.98	66.40	91.67	61.63	91.674	Layout not available
A94	Triumph Tone	Residential	2.8	70.51	66.01	66.42	80.07	61.95	80.071	
A95	Macau Jockey Club	Recreational	4.2	70.48	65.97	66.37	85.05	62.19	85.046	
A96	Tak Fok Seaview Garden	Residential	2.7	70.52	66.01	66.41	75.34	62.07	75.335	
A97	Fast Garden	Residential	2.8	70.56	66.04	66.43	71.03	62.29	71.032	
A98	Centro Medico Popular	Clinic	11.4	70.59	66.04	66.41	67.61	62.36	70.590	
A99	Nam San Garden	Residential	11.7	70.52	65.99	66.35	71.70	62.50	71.705	
A100	Hotel Taipa Square	Hotel	10.6	70.52	65.99	66.33	79.02	63.05	79.017	
A101	Recreational park	Recreational	3.6	70.52	65.99	66.35	114.52	62.95	114.515	
A102	Four Faces Buddah Shrine	Place of worship	3.1	70.52	65.99	66.33	137.58	63.41	137.581	
A103	Grandview Hotel	Hotel	3	70.52	65.98	66.31	136.99	63.88	136.986	
A104	Fong Jung school	School	4.2	70.61	66.04	66.36	71.41	63.92	71.406	
A105	Creche o Traquinas	Nursery	11.5	70.53	65.96	66.24	66.70	65.15	70.527	
A106	S.K.H. St Stephen's Church Macau	Place of worship	14.4	70.53	65.97	66.26	66.12	64.34	70.533	
A107	Chan's medical clinic	Clinic	3.9	70.51	65.96	66.27	116.92	64.56	116.917	
A108	Cheong Lit No Medical clinic	Clinic	3.3	70.52	65.97	66.27	86.11	64.85	86.112	
A109	Jardim de Wa Bao	Residential	3.4	70.49	65.95	66.23	75.43	65.45	75.431	
A110	Rolunda do Estadio	Recreational	2.9	70.48	65.95	66.24	93.63	64.99	93.634	
A111	Swimming complex	Recreational	3.4	70.33	65.85	66.16	80.72	64.37	80.716	
A112	Hotel Marina	Hotel	3.5	70.20	65.76	66.07	63.07	63.63	70.200	
A113	Sam Yuk Middle School	School	3.1	70.30	65.82	66.09	75.30	65.80	75.299	
A114	Tapas Kiang Wu Hospital	Hospital	2.3	70.23	65.77	66.03	98.91	66.12	98.909	
A115	Escola Luso-Chinese de Taipa	School	2.3	70.22	65.77	66.01	77.57	67.00	77.567	
A116	Biblioteca de Wong Ieng Kuan da Taipa	Library	1.9	70.26	65.80	66.03	61.35	67.32	70.264	
A117	Galaxy Resort (Under construction)	Hotel	3.2	70.21	65.75	66.01	80.80	66.76	80.803	Layout not available
A118	Pak Tai Temple	Place of worship	2.2	70.28	65.80	66.05	64.16	66.98	70.276	

Fugitive Dust Modeling Results (Assuming 10 working hrs per day)

24-hr Fugitive Dust Concentration ($\mu\text{g}/\text{m}^3$)										
ASR ID	Description	Land use	Assessment level (mPD)	Construction Stage1	Construction Stage2	Construction Stage3	Construction Stage4	Construction Stage5	Max	Remark
A128	Tennis complex	網球學校	4.5	69.98	65.57	65.71	56.55	97.91	97.911	
A129	TIS School	澳門國際學校	4.6	70.18	65.68	65.81	55.33	151.36	151.359	
A130	University of Science & Technology - dorm	澳門科技大學宿舍	4.6	70.20	65.70	65.84	55.59	120.26	120.256	
A131	TIS Basketball court	澳門國際學校籃球場	4.9	70.22	65.70	65.83	55.19	155.00	155.004	
A132	University of Science & Technology - Chinese hospital	澳門科技大學醫院	6.4	70.33	65.77	65.89	54.95	132.96	132.963	
A133	CAM Building	澳門國際機場專業股份有限公司大廈	9.5	70.34	65.76	65.87	54.66	128.45	128.453	
A134	University of Science & Technology - Gymnasium	澳門科技大學體育館	5	70.26	65.72	65.84	54.96	198.32	198.320	
A135	Golden Crown China Hotel	金皇朝中國大酒店	45.7	70.28	65.71	65.78	53.89	77.88	77.883	
A136	Edificio Industrial Fok Tai	偉倫工業中心	4.4	70.64	65.92	65.97	54.17	82.28	82.281	
A137	Industrial building	工業樓	4.1	70.67	65.94	65.98	54.12	80.39	80.391	
A138	Corpo de Policia de Seguranca Publica	機場可警處	4	70.64	65.91	65.95	54.04	99.63	99.626	
A139	Centro de Saude de Taipa - Jardins de Oceano	政府衛生中心	4.1	70.49	66.04	66.64	70.16	60.01	70.489	
A141	Macao Airport - departures	澳門國際機場 - 離境大堂	12.6	70.38	65.77	65.86	54.26	108.48	108.483	
A142	Edificio Chico Fai	新輝大廈	2.3	87.07	65.21	66.54	53.04	56.04	87.067	Need to obtain # of storeys
A143	BS Dr. Carlos Assumpcao	澳門大廈	2.2	86.22	66.22	66.56	53.04	56.04	86.215	
A144	Edificio Kian Fu San Chuen	建富軒徑-樂富閣	3.3	94.33	66.29	66.64	53.07	56.12	94.335	Need to obtain # of storeys
A145	Proposed Residential Development near Avenida da Dr. Francisco Vieira Machado	馬赫度博士大馬路附近之擬建住宅發展	10	109.32	67.11	66.90	53.17	56.66	109.315	No layout available
A146	Proposed Library near Grand Avenida da Praia	南灣大馬路附近之擬建圖書館	3.3	72.41	78.49	104.50	53.62	56.99	104.496	
A147	Edificio Hoi Tin	海天大廈	3.6	72.16	75.70	94.24	53.68	57.02	94.241	
A148	Edificio Nam Yun	南苑	3.7	72.05	73.88	94.82	53.72	57.05	94.822	
A149	Proposed Residential Development near Rua da Lago Sal Van	西灣湖街附近之擬建住宅發展	10	71.86	70.83	90.60	53.93	57.27	90.602	No layout available
A150	Proposed Residential Development near Rua da Lago Sal Van	西灣湖街附近之擬建住宅發展	10	71.83	70.30	92.11	53.97	57.32	92.111	No layout available
A151	Proposed Residential Development near Rua da Lago Sal Van	西灣湖街附近之擬建住宅發展	10	71.90	70.21	84.73	54.01	57.39	84.730	No layout available
A152	Proposed Residential Development near Estrada Governador Albano de Oliveira	何維納馬路附近之擬建住宅發展	2.9	70.49	66.00	66.46	99.72	61.22	99.724	No layout available
A153	Proposed Residential Development near Avenida Wai Long	偉龍馬路附近之擬建住宅發展	10	70.38	65.79	65.91	54.77	125.19	125.187	No layout available
A154	Proposed Residential Development near Avenida Wai Long	偉龍馬路附近之擬建住宅發展	10	70.38	65.79	65.90	54.65	122.34	122.339	No layout available
A155	Proposed Residential Development near Avenida Wai Long	偉龍馬路附近之擬建住宅發展	10	70.39	65.79	65.89	54.50	118.70	118.698	No layout available
A156	Proposed Residential Development near Avenida Wai Long	偉龍馬路附近之擬建住宅發展	10	70.40	65.79	65.87	54.36	114.12	114.117	No layout available