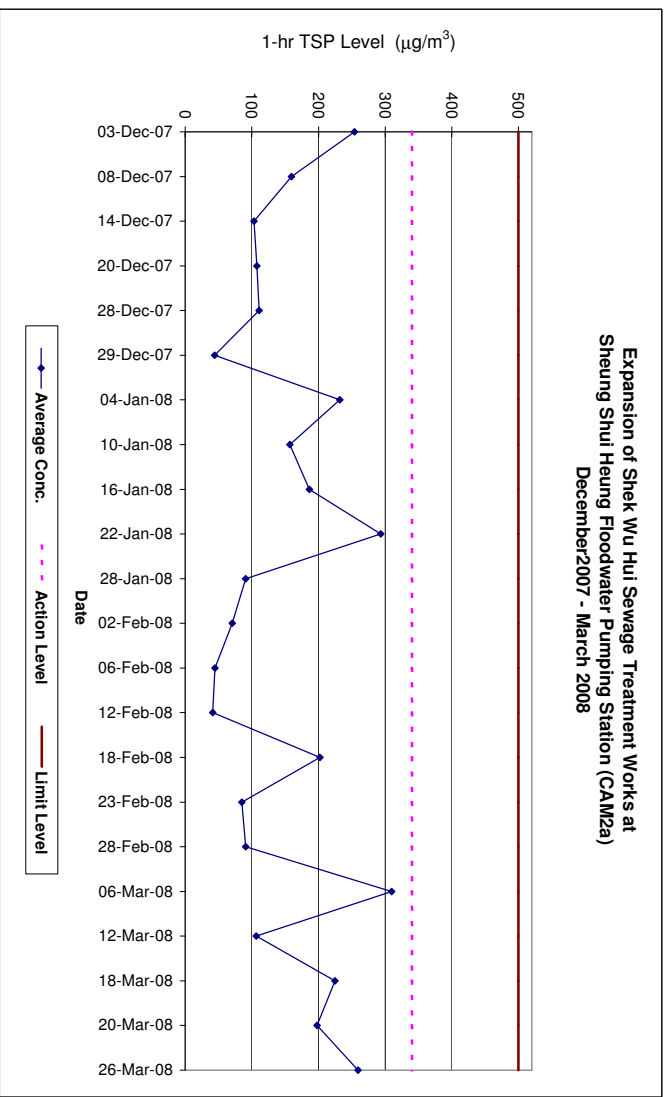
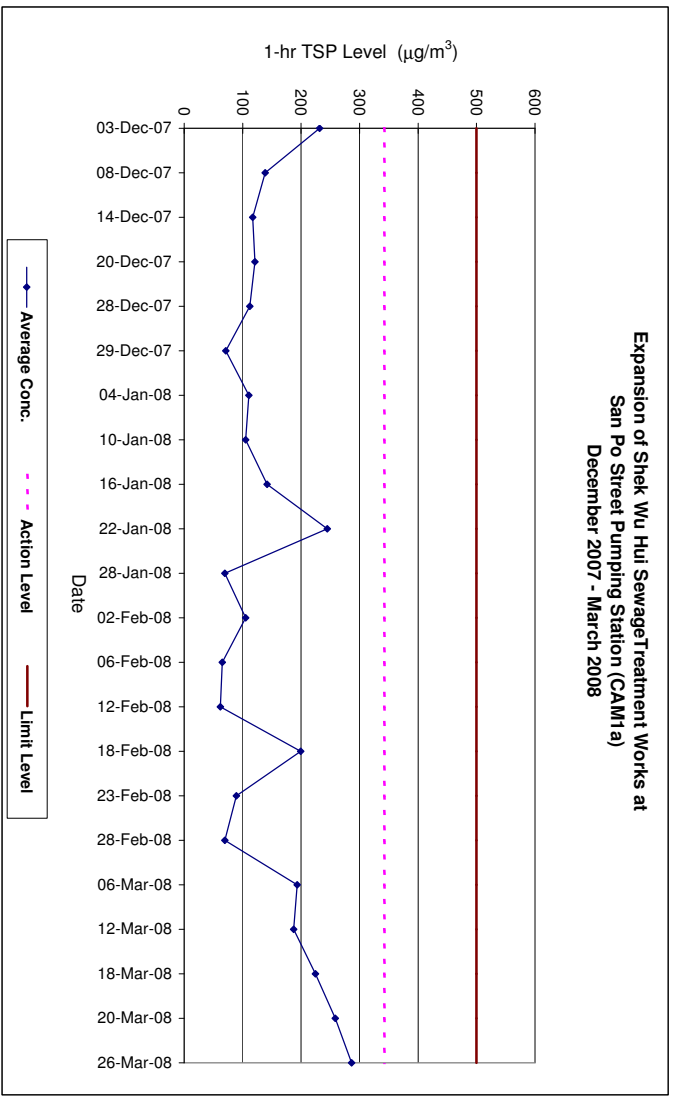


Expansion of Shek Wu Hui Sewage Treatment Works

Air Quality Impact Monitoring Results (1-Hour TSP)

Location	Monitoring Date	Weather Conditions	Wind Speed with Direction (m/s)	Temp (°C)	Timer-I	Timer-F	Time (mins)	Flow-I (CFM/Inches)	Flow-F (CFM/Inches)	Flow-I (m³/min)	Flow-F (m³/min)	Flow-avg (m³/min)	Volume (m³)	Weight-I (g)	Weight-F (g)	Weight-diff. (g)	1-hr TSP (ug/m³)	Average 1-Hr TSP (ug/m³)	Action/Limit Levels (ug/m³)	Remark
San Po Street Pumping Station CAM1a	06-Mar-08	Sunny	1.1 NE	21	571283	571374	54.6	41	41	1.02	1.02	1.02	55.52	2,7939	2,8041	0.0102	183.7	193.1	342.7/500	
		Sunny	1.1 NE	21	571374	571477	61.8	39	39	0.97	0.97	0.97	59.84	2,8030	2,8160	0.0130	217.3			
		Sunny	1.1 NE	21	571477	571575	58.8	41	39	1.02	0.97	0.99	58.36	2,7978	2,8082	0.0104	178.2			
	12-Mar-08	Fine	0.9 NE	24	573970	574062	55.2	42	42	1.04	1.04	1.04	57.48	2,7613	2,7720	0.0107	186.2	187.1		
		Fine	0.9 NE	24	574062	574154	55.2	42	42	1.04	1.04	1.04	57.48	2,7978	2,8088	0.0110	191.4			
		Fine	0.9 NE	24	574154	574248	56.4	42	42	1.04	1.04	1.04	58.73	2,8111	2,8219	0.0108	183.9			
	18-Mar-08	Fine	0.7 E	20	576644	576738	56.4	42	42	1.04	1.04	1.04	58.73	2,7549	2,7707	0.0158	269.0	224.2		
		Fine	0.7 E	20	576738	576848	66.0	41	40	1.02	0.99	1.00	66.31	2,7485	2,7626	0.0141	212.6			
		Fine	0.7 E	20	576848	576941	55.8	42	42	1.04	1.04	1.04	58.10	2,7272	2,7383	0.0111	191.0			
	20-Mar-08	Sunny	1.2 E	22	579479	579569	54.0	45	45	1.11	1.11	1.11	60.18	2,7564	2,7768	0.0204	339.0	258.4		
		Sunny	1.2 E	22	579569	579673	62.4	40	40	0.99	0.99	0.99	61.94	2,7782	2,7929	0.0147	237.3			
		Sunny	1.2 E	22	579673	579774	60.6	41	40	1.02	0.99	1.00	60.89	2,8103	2,8224	0.0121	198.7			
		Rainy	0.6 N	18	593877	593993	69.6	43	43	1.07	1.07	1.07	74.17	2,8115	2,8364	0.0249	335.7			
		Rainy	0.6 N	18	593994	594086	55.2	42	41	1.04	1.02	1.03	56.81	2,7973	2,8123	0.0150	264.1			
		Rainy	0.6 N	18	594086	594182	57.6	41	40	1.02	0.99	1.00	57.87	2,8348	2,8498	0.0150	259.2			
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Mar-08	Sunny	1.1 NE	18	674918	675030	67.2	40	39	1.02	1.00	1.01	67.72	2,7812	2,7929	0.0117	172.8	309.5		
		Sunny	1.1 NE	18	675030	675130	60.0	41	39	1.03	1.00	1.02	60.90	2,7848	2,8051	0.0203	333.3			
		Sunny	1.1 NE	18	675130	675227	58.2	40	38	1.02	0.99	1.00	58.22	2,8148	2,8394	0.0246	422.5			
	12-Mar-08	Fine	0.9 NE	24	677615	677714	59.4	42	42	1.04	1.04	1.04	62.03	2,8046	2,8107	0.0061	98.3	106.5		
		Fine	0.9 NE	24	677714	677806	55.2	42	42	1.04	1.04	1.04	57.64	2,7800	2,7860	0.0060	104.1			
		Fine	0.9 NE	24	677806	677900	56.4	42	42	1.04	1.04	1.04	58.89	2,8091	2,8160	0.0069	117.2			
	18-Mar-08	Sunny	0.7 E	20	680299	680391	55.2	41	41	1.03	1.03	1.03	56.83	2,7562	2,7677	0.0115	202.3	224.7		
		Sunny	0.7 E	20	680391	680500	65.4	41	41	1.03	1.03	1.03	67.34	2,7612	2,7786	0.0174	258.4			
		Sunny	0.7 E	20	680500	680595	57.0	42	42	1.04	1.04	1.04	59.52	2,7242	2,7369	0.0127	213.4			
	20-Mar-08	Sunny	1.2 E	22	683127	683215	52.8	40	40	1.02	1.02	1.02	53.59	2,7651	2,7843	0.0162	302.3	197.9		
		Sunny	1.2 E	22	683215	683322	64.2	42	42	1.04	1.04	1.04	67.04	2,7939	2,8055	0.0116	173.0			
		Sunny	1.2 E	22	683322	683430	64.8	42	40	1.04	1.02	1.03	66.72	2,7991	2,8070	0.0079	118.4			
	26-Mar-08	Rainy	0.6 N	18	697534	697635	60.6	40	40	1.02	1.02	1.02	61.51	2,8043	2,8290	0.0247	401.6	259.3		
		Rainy	0.6 N	18	697635	697736	60.6	42	42	1.04	1.04	1.04	63.28	2,8112	2,8250	0.0138	218.1			
		Rainy	0.6 N	18	697736	697839	61.8	41	40	1.03	1.02	1.02	63.18	2,7791	2,7891	0.0100	158.3			

*Shading indicates an exceedance of Action Level. *Bold and shading indicates an exceedance of Limit Level.



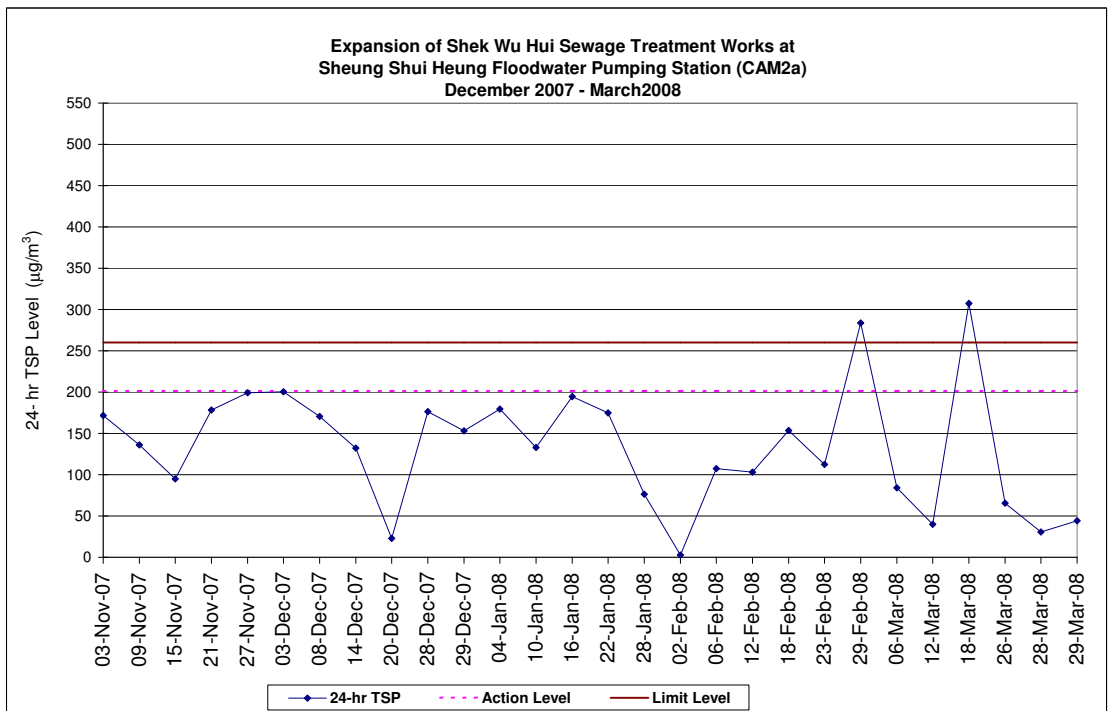
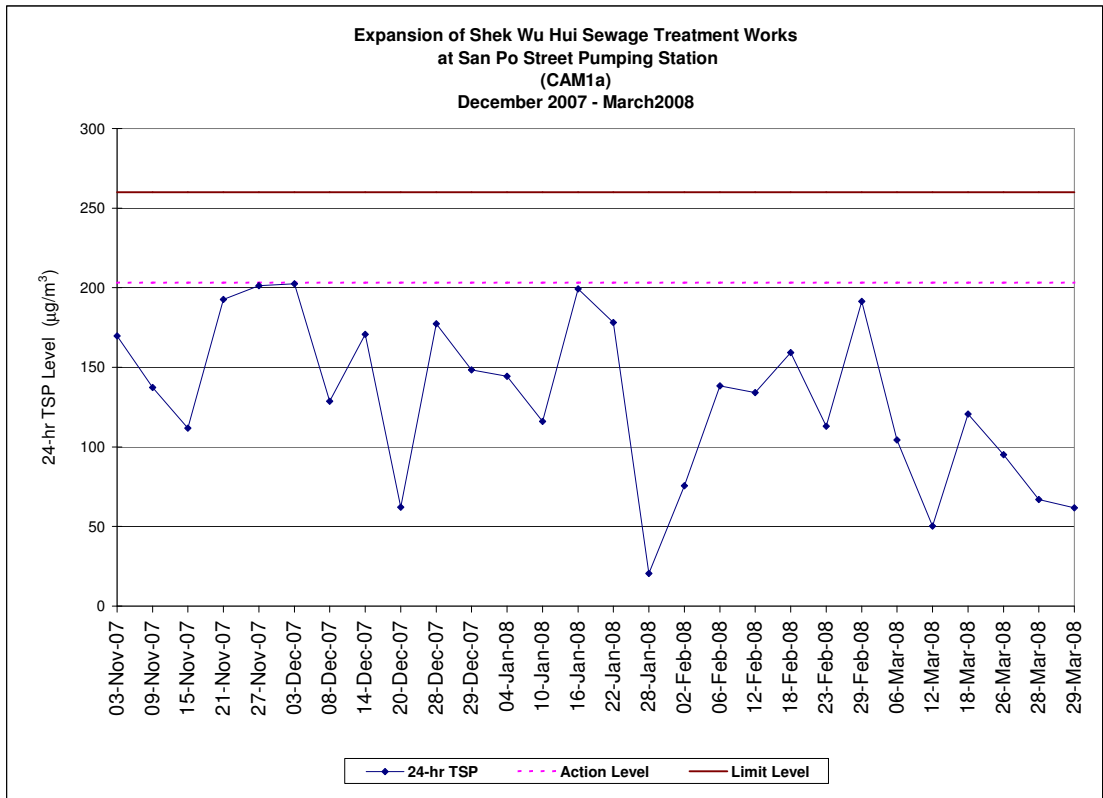
Expansion of Shek Wu Hui Sewage Treatment Works

06-Mar-08 SR4 Qstd: 0.7514 Flow: 41.056
 SR5 Qstd: 29.525 Flow: 68.497

Air Quality Impact Monitoring Results (24-Hour TSP)

Location	Monitoring Date	Weather Conditions	Wind Speed with Direction (m/s)	Temp (°C)	Pressure (mmHg)	Timer-I	Timer-F	Time (mins)	Flow-I (CFM/Inches)	Flow-F (CFM/Inches)	Flow-I (m³/min)	Flow-F (m³/min)	Flow-avg (m³/min)	Volume (m³)	Weight-I (g)	Weight-F (g)	Weight-diff. (g)	24-hr TSP (ug/m³)	Action/Limit Levels (ug/m³)	Remark	
San Po Street Pumping Station CAM1a	06-Mar-08	Sunny	0.5	21	766.3	571575	573969	2394	40	39	0.99	0.97	0.98	2347.08	2.8005	3.0454	0.2449	104.3	203/260		
	12-Mar-08	Fine	0.7	24	758.2	574248	576644	2396	42	42	1.04	1.04	1.04	2494.94	2.8093	2.9348	0.1255	50.3			
	18-Mar-08	Sunny	0.9	20	758.8	576941	579379	2438	43	43	1.07	1.07	1.07	2598.06	2.7524	3.0659	0.3135	120.7			
	20-Mar-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	No results due to a damaged filter paper.
	26-Mar-08	Rainy	0.8	18	760.6	594182	596567	2385	42	42	1.04	1.04	1.04	2483.49	2.8100	3.0463	0.2363	95.1			
	28-Mar-08	Rainy	0.9	19	758.7	596740	599116	2376	42	41	1.04	1.02	1.03	2445.18	2.7860	2.9495	0.1635	66.9			
	29-Mar-08	Sunny	0.8	24	758.7	599116	601411	2295	42	42	1.04	1.04	1.04	2389.77	2.7456	2.8932	0.1476	61.8			
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Mar-08	Sunny	0.5	21	766.3	675272	677615	2343	41	39	1.03	1.00	1.02	2378.16	2.8218	3.0220	0.2002	84.2	201/260		
	12-Mar-08	Fine	0.7	24	758.2	677900	680299	2399	42	42	1.04	1.04	1.04	2498.07	2.8012	2.9005	0.0993	39.8			
	18-Mar-08	Sunny	0.9	20	758.8	680595	683010	2415	42	42	1.04	1.04	1.04	2521.76	2.7394	3.5147	0.7753	307.4			
	20-Mar-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	No results due to a damaged filter paper.
	26-Mar-08	Rainy	0.8	18	760.6	697839	700215	2376	41	40	1.03	1.02	1.02	2429.00	2.7670	2.9261	0.1591	65.5			
	28-Mar-08	Rainy	0.9	19	758.7	700389	702758	2369	42	42	1.04	1.04	1.04	2473.72	2.7557	2.8313	0.0756	30.6			
	29-Mar-08	Sunny	0.9	24	758.7	702758	705052	2294	42	42	1.04	1.04	1.04	2395.41	2.7649	2.8708	0.1059	44.2			

Shading indicates an exceedance of Action Level. *Bold and shading* indicates an exceedance of Limit Level.



Expansion of Shek Wu Hui Sewage Treatment Works

Noise Impact Monitoring Results

Monitoring Locations	Date	Weather Conditions	Temperature	Wind Speed	Wind	Start Time	End Time	Limit Levels	L _{eq(30min)}	L _{10(30min)}	L _{90(30min)}	Remark
			(°C)	(m/s)	Direction			dB(A)	dB(A)	dB(A)	dB(A)	
Wai Loi Tsuen NM1	06-Mar-08	Sunny	21	0.9	N	10:32	11:02	75	56.6	58.1	51.7	
	12-Mar-08	Fine	24	1.2	N	13:25	13:55	75	60.4	63.0	57.0	Brid, Human Noise
	18-Mar-08	Sunny	20	1.1	N	10:15	10:45	75	57.6	64.1	50.4	
	20-Mar-08	Sunny	21	1.4	N	09:50	10:20	75	60.0	65.2	53.5	
	26-Mar-08	Rainy	18	2	N	10:27	10:57	75	58.5	61.1	54.5	
Temporary Domestic Structure NM2	06-Mar-08	Sunny	21	0.7	N	11:29	11:59	75	50.4	52.2	46.2	
	12-Mar-08	Fine	24	1.4	N	14:28	14:58	75	54.8	56.7	52.3	Air Traffic Noise
	18-Mar-08	Sunny	20	1	N	13:30	14:00	75	51.8	53.9	47.5	
	20-Mar-08	Sunny	21	0.5	N	11:00	11:30	75	53.4	55.5	48.4	
	26-Mar-08	Rainy	18	1.6	N	11:30	12:00	75	55.1	56.7	50.3	Dog Barking

A façade correction of 3 dB(A) was applied to each measurement result. "Shading" indicates an Limit Level exceedance.

