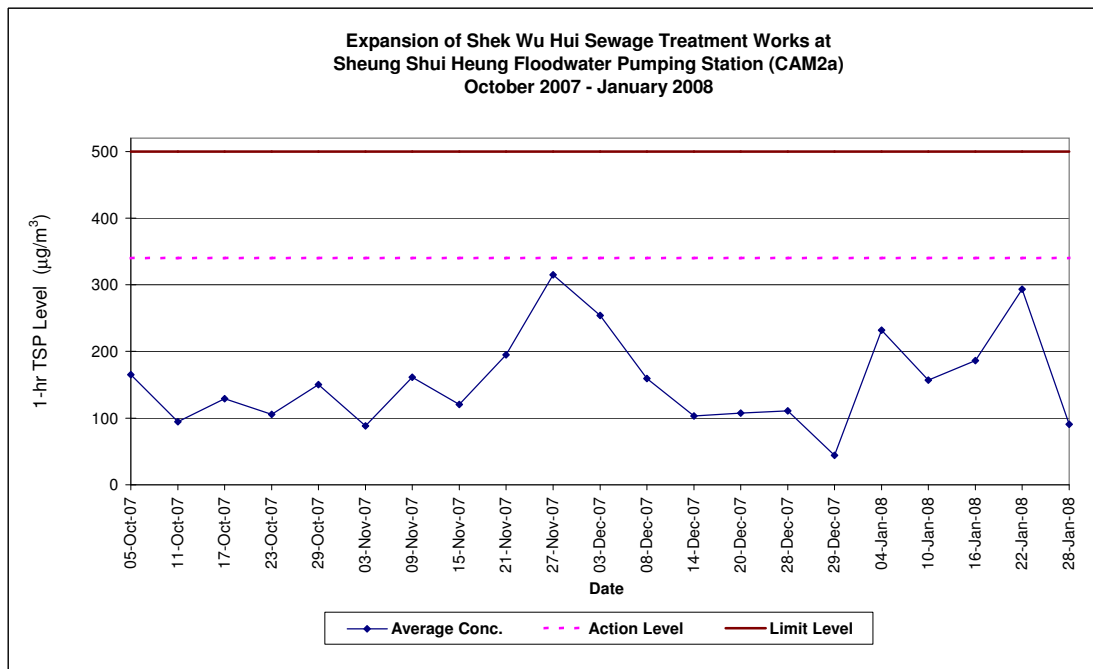
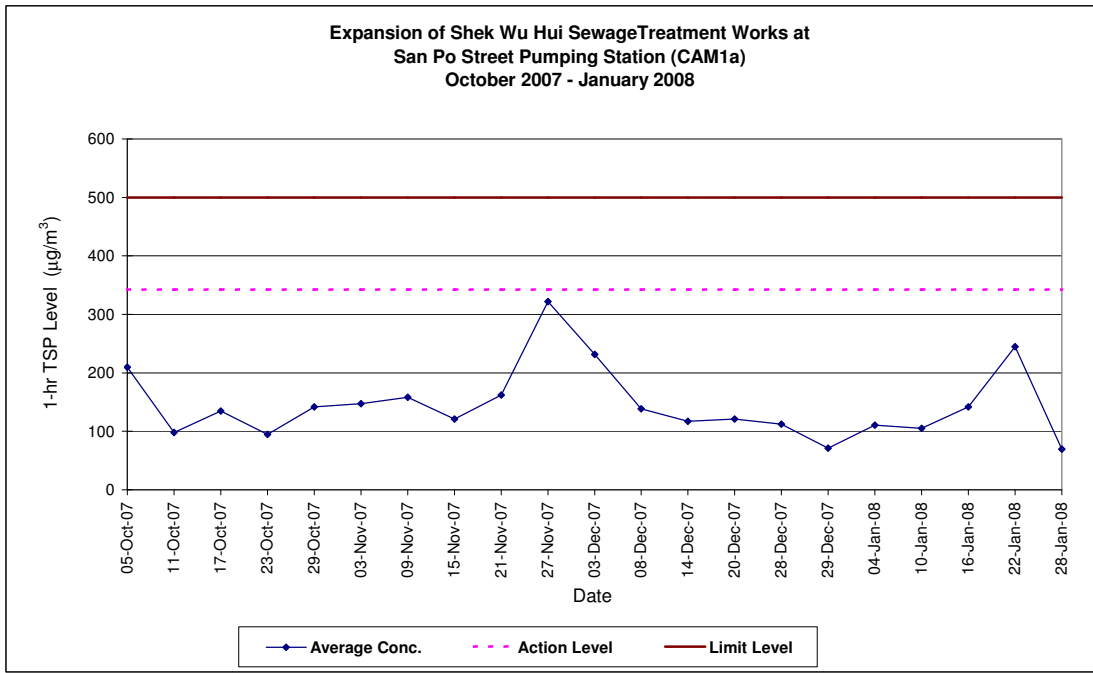


Expansion of Shek Wu Hui Sewage Treatment Works

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	04-Jan-08	Fine	0.3N	24	542646	542743	58.2	43	43	1.09	1.09	1.09	63.67	2.7452	2.7524	0.0072	113.1	110.7	342.7/500	
		Fine	0.3N	24	542743	542840	58.2	43	43	1.09	1.09	1.09	63.67	2.7386	2.7453	0.0067	105.2			
		Fine	0.3N	24	542840	542935	57.0	43	43	1.09	1.09	1.09	62.36	2.7169	2.7240	0.0071	113.9			
	10-Jan-08	Cloudy	0.7NE	22	545295	545390	57.0	42	42	1.07	1.07	1.07	61.06	2.7564	2.7629	0.0065	106.5			
		Cloudy	0.7NE	22	545390	545488	58.8	42	42	1.07	1.07	1.07	62.98	2.7784	2.7857	0.0073	115.9			
		Cloudy	0.7NE	22	545488	545583	57.0	42	42	1.07	1.07	1.07	61.06	2.7702	2.7759	0.0057	93.4			
	16-Jan-08	Fine	0.1E	20	547934	548029	57.0	42	42	1.07	1.07	1.07	61.06	2.7572	2.7636	0.0064	104.8			
		Fine	0.1E	20	548029	548125	57.6	42	42	1.07	1.07	1.07	61.70	2.7769	2.7871	0.0102	165.3			
		Fine	0.1E	20	548125	548222	58.2	41	41	1.05	1.05	1.05	61.01	2.7694	2.7789	0.0095	155.7			
	22-Jan-08	Cloudy	1.1NE	21	550564	550660	57.6	41	41	1.05	1.05	1.05	60.38	2.7823	2.7961	0.0138	228.5			
		Cloudy	1.1NE	21	550660	550757	58.2	41	41	1.05	1.05	1.05	61.01	2.7151	2.7301	0.0150	245.9			
		Cloudy	1.1NE	21	550757	550852	57.0	41	41	1.05	1.05	1.05	59.75	2.8882	2.9037	0.0155	259.4			
	28-Jan-08	Cloudy	0.9N	12	553221	553320	59.4	40	40	1.03	1.03	1.03	60.91	2.7726	2.7765	0.0039	64.0			
		Cloudy	0.9N	12	553320	553417	58.2	40	40	1.03	1.03	1.03	59.68	2.7880	2.7925	0.0045	75.4			
		Cloudy	0.9N	12	553417	553515	58.8	40	40	1.03	1.03	1.03	60.30	2.7657	2.7699	0.0042	69.7			
Sheung Shui Heung Floodwater Pumping Station CAM2a	04-Jan-08	Fine	0.6N	24	645725	645822	58.2	44	44	1.06	1.06	1.06	61.66	2.7454	2.7548	0.0094	152.4	231.7	340/500	
		Fine	0.6N	24	645822	645918	57.6	44	44	1.06	1.06	1.06	61.02	2.7269	2.7397	0.0128	209.8			
		Fine	0.6N	24	645918	646025	64.2	44	45	1.06	1.07	1.07	68.51	2.7656	2.7884	0.0228	332.8			
	10-Jan-08	Cloudy	1.0NE	22	648343	648440	58.2	43	44	1.04	1.06	1.05	61.22	2.8086	2.8174	0.0088	143.8			
		Cloudy	1.0NE	22	648440	648538	58.8	44	44	1.06	1.06	1.06	62.30	2.7329	2.7342	0.0103	165.3			
		Cloudy	1.0NE	22	648538	648634	57.6	44	44	1.06	1.06	1.06	61.02	2.7374	2.7473	0.0099	162.2			
	16-Jan-08	Fine	0.1E	20	650991	651089	58.8	42	42	1.03	1.03	1.03	60.51	2.7843	2.7957	0.0114	188.4			
		Fine	0.1E	20	651091	651187	57.6	42	42	1.03	1.03	1.03	59.27	2.7751	2.7870	0.0119	200.8			
		Fine	0.1E	20	651187	651284	58.2	42	42	1.03	1.03	1.03	59.89	2.8111	2.8213	0.0102	170.3			
	22-Jan-08	Cloudy	1.5NE	21	653607	653704	58.2	42	42	1.03	1.03	1.03	59.89	2.7280	2.7446	0.0166	277.2			
		Cloudy	1.5NE	21	653704	653800	57.6	42	42	1.03	1.03	1.03	59.27	2.8671	2.8854	0.0183	308.8			
		Cloudy	1.5NE	21	653800	653896	57.6	42	42	1.03	1.03	1.03	59.27	2.8200	2.8374	0.0174	293.6			
	28-Jan-08	Cloudy	0.3N	12	656262	656359	58.2	42	42	1.03	1.03	1.03	59.89	2.7745	2.7818	0.0073	121.9			
		Cloudy	0.3N	12	656359	656454	57.0	42	42	1.03	1.03	1.03	58.65	2.7959	2.8009	0.0050	85.2			
		Cloudy	0.3N	12	656454	656555	60.6	42	42	1.03	1.03	1.03	62.36	2.8448	2.8489	0.0041	65.8			

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

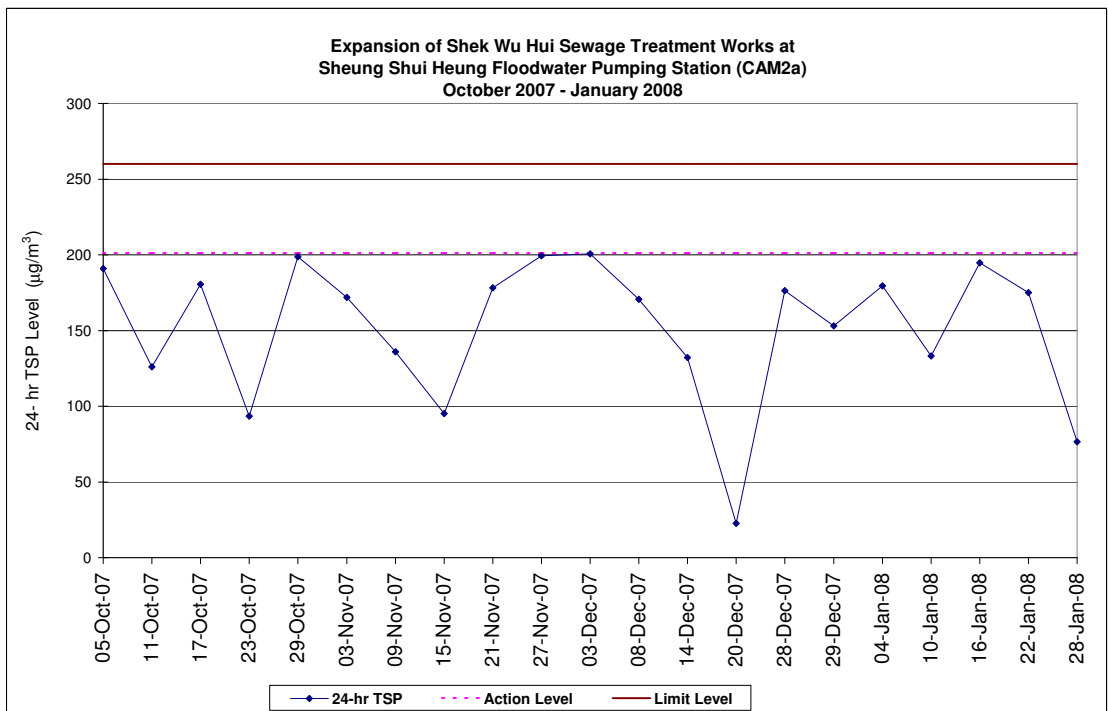
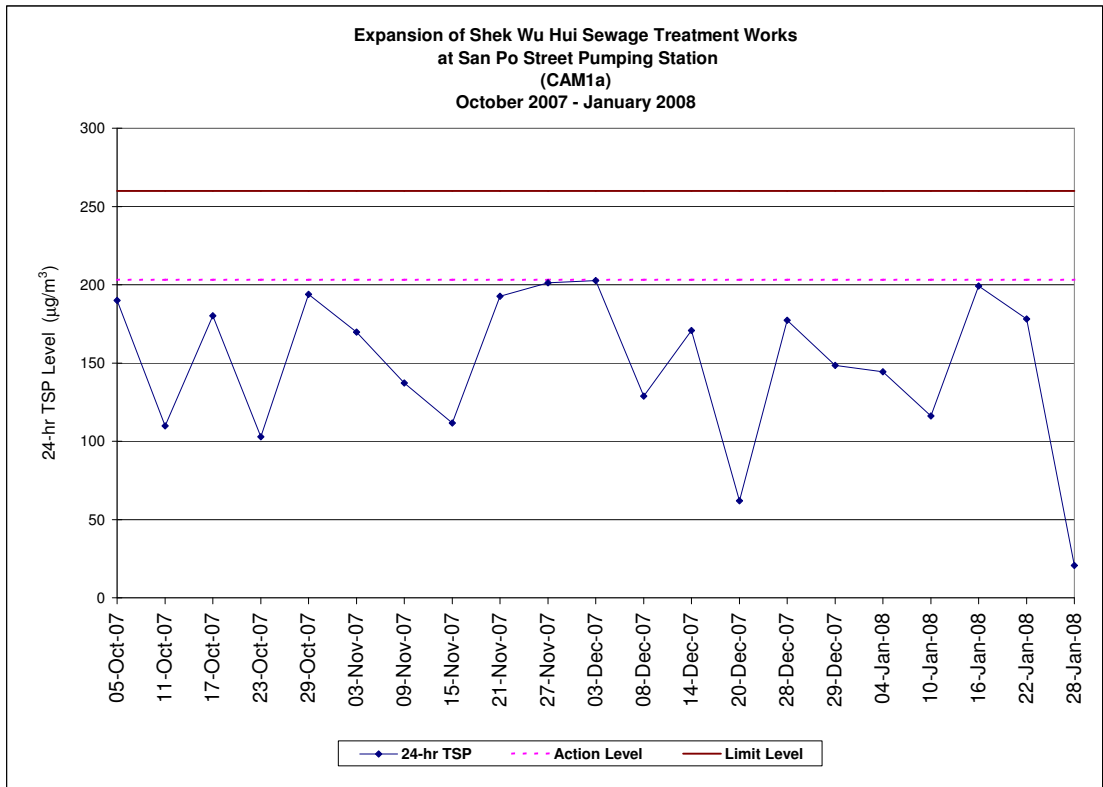


Expansion of Shek Wu Hui Sewage Treatment Works

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	04-Jan-08	Fine	0.3N	24	745.9	542935	545295	1416	43	43	1.09	1.09	1.09	1549.14	2.7586	2.9822	0.2236	144.3	203/260	
	10-Jan-08	Cloudy	0.7NE	22	760.5	545583	547934	1410.6	42	42	1.07	1.07	1.07	1510.97	2.7783	2.9537	0.1754	116.1		
	16-Jan-08	Fine	0.1E	20	749.9	548222	550564	1405.2	42	42	1.07	1.07	1.07	1505.19	2.7706	3.0704	0.2998	199.2		
	22-Jan-08	Cloudy	1.1NE	21	753.5	550852	553221	1421.4	41	41	1.05	1.05	1.05	1490.04	2.7567	3.0221	0.2654	178.1		
	28-Jan-08	Cloudy	0.9N	12	754.2	553515	555900	1431	41	41	1.05	1.05	1.05	1500.11	2.7947	2.8256	0.0309	20.6		
Sheung Shui Heung Floodwater Pumping Station CAM2a	04-Jan-08	Fine	0.6N	24	745.9	646025	648343	1390.8	44	44	1.06	1.06	1.06	1473.48	2.7561	3.0206	0.2645	179.5	201/260	
	10-Jan-08	Cloudy	1.0NE	22	760.5	648634	650991	1414.2	43	43	1.04	1.04	1.04	1476.74	2.8018	2.9984	0.1966	133.1		
	16-Jan-08	Fine	0.1E	20	749.9	651284	653607	1393.8	42	42	1.03	1.03	1.03	1434.22	2.7700	3.0493	0.2793	194.7		
	22-Jan-08	Cloudy	1.5NE	21	753.5	653896	656262	1419.6	42	42	1.03	1.03	1.03	1460.77	2.7494	3.0050	0.2556	175.0		
	28-Jan-08	Cloudy	0.3N	12	754.2	656555	658886	1398.6	42	42	1.03	1.03	1.03	1439.16	2.8102	2.9202	0.11	76.4		

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	04-Jan-08	Fine	24	0.3	N	10:20	10:50	75	58.7	61.0	54.0	
	10-Jan-08	Cloudy	22	0.7	NE	10:20	10:50	75	60.6	62.8	57.0	
	16-Jan-08	Fine	21	0.1	E	09:30	10:00	75	58.3	61.2	55.5	
	22-Jan-08	Cloudy	20	1.1	NE	09:30	10:00	75	59.6	63.1	56.5	
	28-Jan-08	Cloudy	15	0.1	N	10:00	10:30	75	59.2	61.6	56.8	
Temporary Domestic Structure NM2	04-Jan-08	Fine	24	0.6	N	11:20	11:50	75	54.2	57.0	51.0	
	10-Jan-08	Cloudy	22	1	NE	11:20	11:50	75	54.2	57.0	50.5	
	16-Jan-08	Fine	21	0.1	E	10:30	11:00	75	52.6	56.0	50.0	
	22-Jan-08	Cloudy	20	1.5	NE	10:30	11:00	75	53.2	57.0	51.0	
	28-Jan-08	Cloudy	15	0.3	N	11:00	11:30	75	53.4	56.0	50.6	

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

