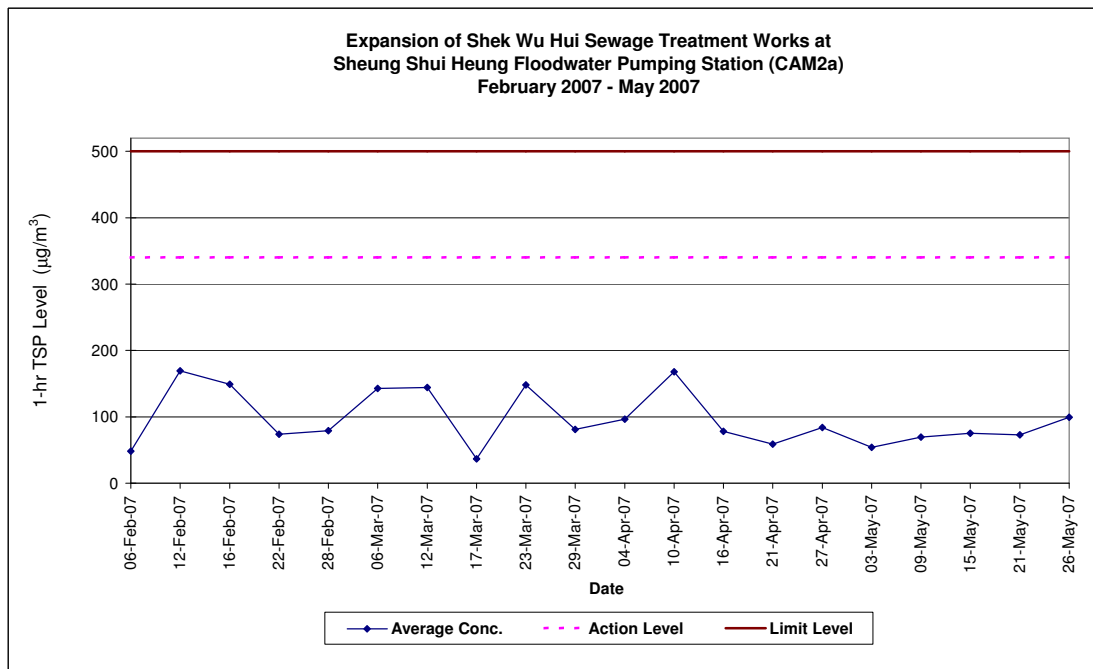
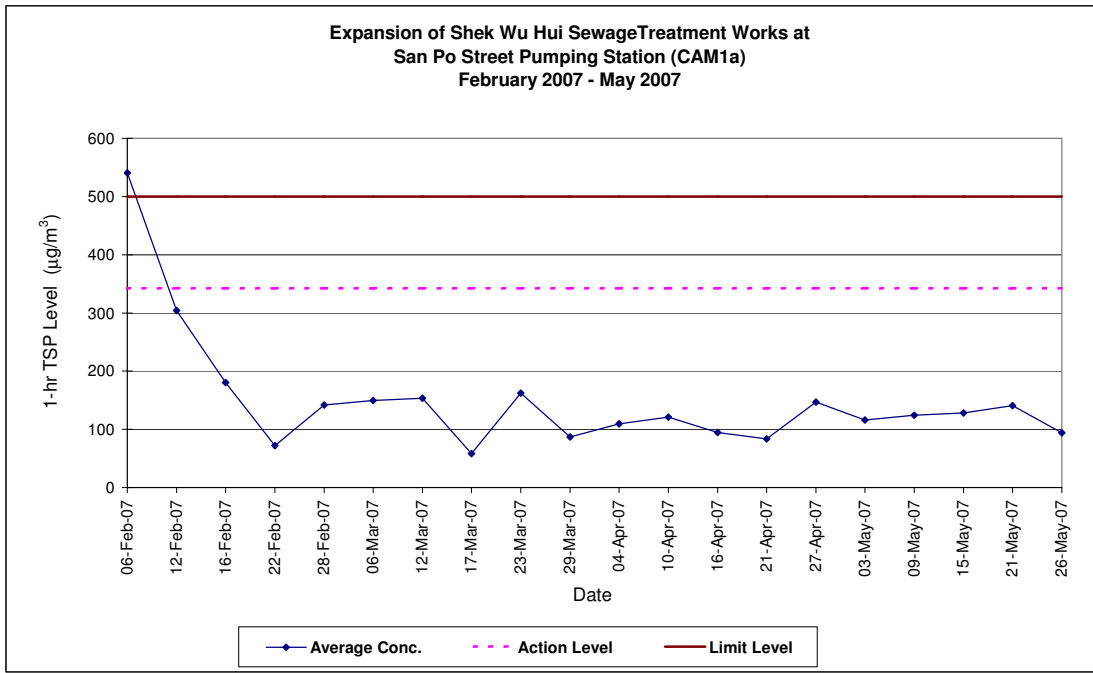


Expansion of Shek Wu Hui Sewage Treatment Works

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	03-May-07	Fine	0.2E	26	429831	429924	55.8	40	40	1.00	1.00	1.00	55.83	2.8760	2.8832	0.0072	129.0	116.3	342.7/500					
		Fine	0.2E	26	429924	430022	58.8	40	40	1.00	1.00	1.00	58.83	2.8737	2.8801	0.0064	108.8							
		Fine	0.2E	26	430022	430118	57.6	40	40	1.00	1.00	1.00	57.63	2.8647	2.8711	0.0064	111.1							
	09-May-07	Sunny	0.3NE	28	432530	432625	57.0	40	40	1.00	1.00	1.00	57.03	2.8745	2.8844	0.0099	173.6							
		Sunny	0.3NE	28	432625	432720	57.0	40	40	1.00	1.00	1.00	57.03	2.9005	2.9072	0.0067	117.5							
		Sunny	0.3NE	28	432720	432818	58.8	40	40	1.00	1.00	1.00	58.83	2.8881	2.8929	0.0048	81.6							
	15-May-07	Sunny	0.5E	30	435182	435277	57.0	40	40	1.00	1.00	1.00	57.03	2.8520	2.8633	0.0113	198.2							
		Sunny	0.5E	30	435277	435373	57.6	40	40	1.00	1.00	1.00	57.63	2.8329	2.8382	0.0053	92.0							
		Sunny	0.5E	30	435373	435470	58.2	40	40	1.00	1.00	1.00	58.23	2.8770	2.8825	0.0055	94.5							
	21-May-07	Cloudy	0.6E	25	437718	437813	57.0	39	40	0.98	0.98	0.98	56.41	2.8436	2.8527	0.0091	161.3							
		Cloudy	0.6E	25	437813	437909	57.6	39	39	0.98	0.98	0.98	56.38	2.8036	2.8118	0.0082	145.4							
		Cloudy	0.6E	25	437909	438013	62.4	39	39	0.98	0.98	0.98	61.08	2.8052	2.8123	0.0071	116.2							
	26-May-07	Sunny	0.3E	28	440370	440471	60.6	38	38	0.96	0.96	0.96	58.01	2.845	2.8531	0.0081	139.6							
		Sunny	0.3E	28	440471	440565	56.4	38	38	0.96	0.96	0.96	53.99	2.8738	2.8802	0.0064	118.5							
		Sunny	0.3E	28	440565	440662	58.2	387	38	8.50	0.96	4.73	275.30	2.8378	2.8444	0.0066	24.0							
	Sheung Shui Heung Floodwater Pumping Station CAM2a	03-May-07	Fine	0.2E	26	535958	536056	58.8	40	40	1.00	1.00	1.00	58.67	2.8491	2.8535	0.0044				75.0	54.1	340/500	
			Fine	0.2E	26	536056	536152	57.6	40	40	1.00	1.00	1.00	57.47	2.8738	2.8765	0.0027				47.0			
			Fine	0.2E	26	536152	536247	57.0	40	40	1.00	1.00	1.00	56.87	2.8602	2.8625	0.0023				40.4			
09-May-07		Sunny	0.3NE	28	538623	538717	56.4	40	40	1.00	1.00	1.00	56.27	2.8750	2.8797	0.0047	83.5							
		Sunny	0.3NE	28	538717	538818	60.6	40	40	1.00	1.00	1.00	60.46	2.8700	2.8743	0.0043	71.1							
		Sunny	0.3NE	28	538818	538915	58.2	40	40	1.00	1.00	1.00	58.07	2.8777	2.8808	0.0031	53.4							
15-May-07		Sunny	0.5E	30	541265	541362	58.2	40	40	1.00	1.00	1.00	58.07	2.8662	2.8712	0.0050	86.1							
		Sunny	0.5E	30	541362	541460	58.8	40	40	1.00	1.00	1.00	58.67	2.8636	2.8679	0.0043	73.3							
		Sunny	0.5E	30	541460	541560	60.0	40	40	1.00	1.00	1.00	59.86	2.8831	2.8871	0.0040	66.8							
21-May-07		Cloudy	0.6E	25	543895	543990	57.0	39	40	0.98	1.00	0.99	56.48	2.8136	2.8185	0.0049	86.8							
		Cloudy	0.6E	25	543990	544090	60.0	39	40	0.98	1.00	0.99	59.45	2.8088	2.8133	0.0045	75.7							
		Cloudy	0.6E	25	544090	544189	59.4	39	40	0.98	1.00	0.99	58.85	2.7989	2.8022	0.0033	56.1							
26-May-07		Sunny	0.4E	28	546546	546645	59.4	39	39	0.98	0.98	0.98	58.44	2.7985	2.8023	0.0038	65.0							
		Sunny	0.4E	28	546645	546740	57.0	39	39	0.98	0.98	0.98	56.08	2.8429	2.8498	0.0069	123.0							
		Sunny	0.4E	28	546740	546835	57.0	39	39	0.98	0.98	0.98	56.08	2.8192	2.8254	0.0062	110.6							

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

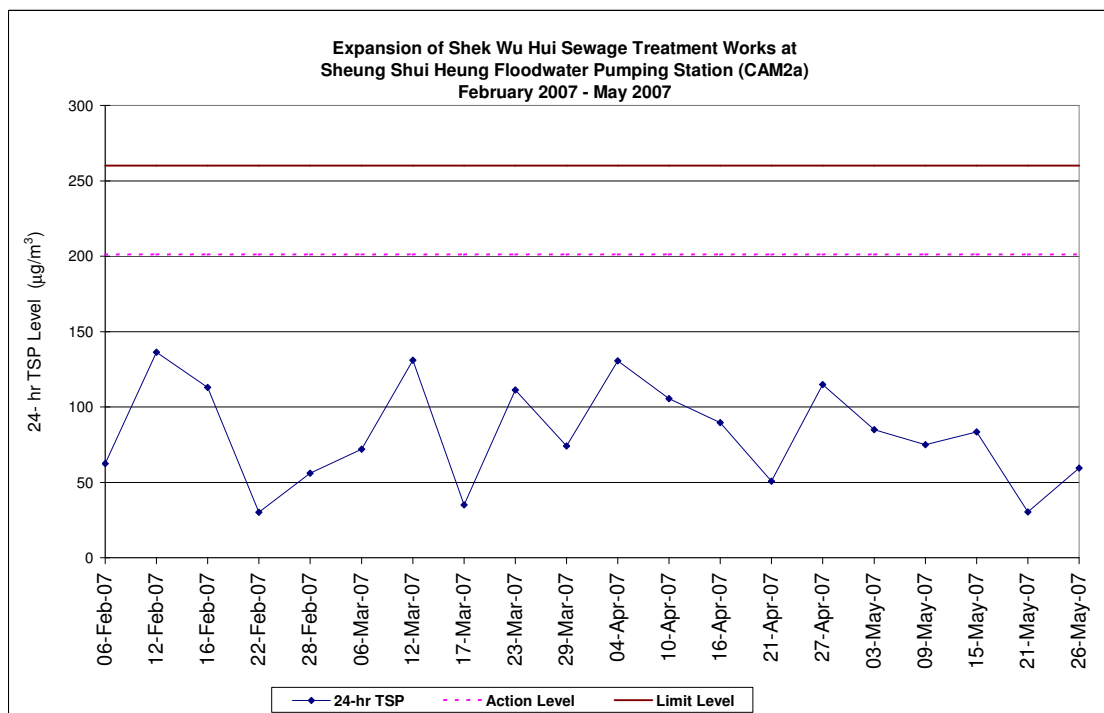
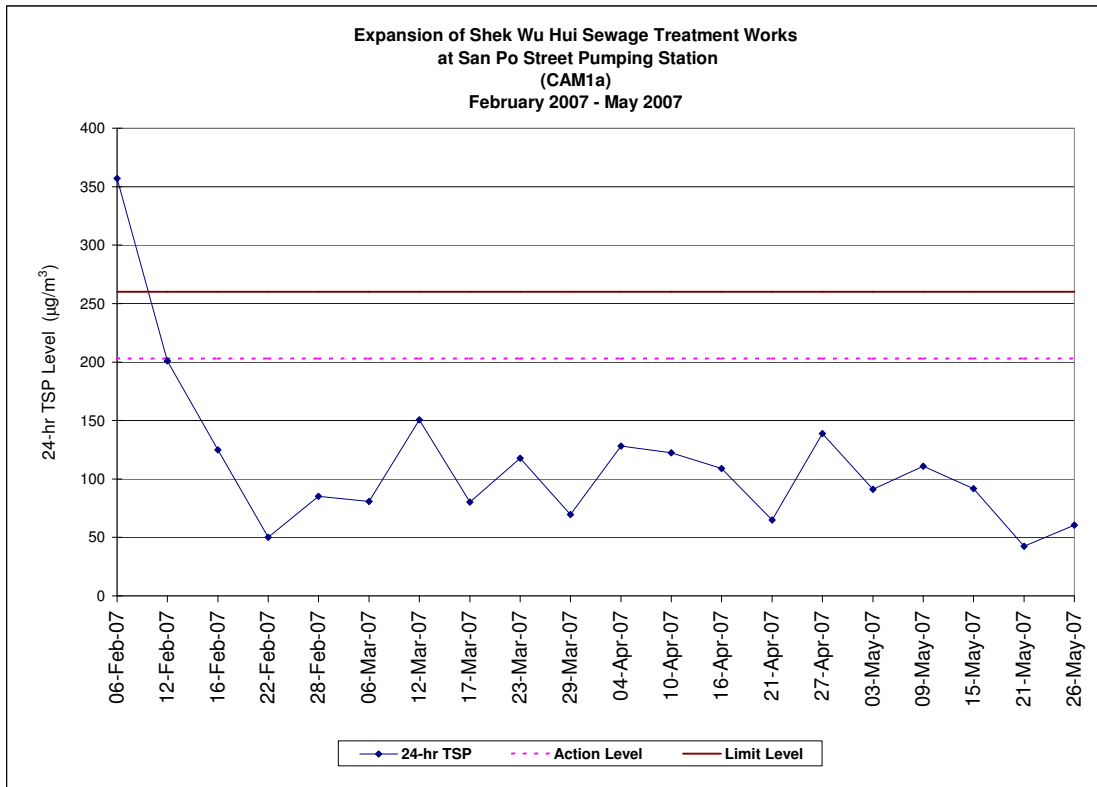


Expansion of Shek Wu Hui Sewage Treatment Works

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 (m ³ /min)	Flow-F (m ³ /min)	Flow-avg (m ³ /min)	Volume (m ³)	Weight-I (g)	Weight-F (g)	Weight-diff. (g)	24-hr TSP (ug/m ³)	Action/Limit Levels (ug/m ³)	Remark
San Po Street Pumping Station CAM1a	03-May-07	Fine	0.2E	26	759.2	430118	432530	1447.2	40	40	1.00	1.00	1.00	1447.87	2.8894	3.0216	0.1322	91.3	203/260	
	09-May-07	Sunny	0.3NE	28	759.3	432818	435182	1418.4	40	40	1.00	1.00	1.00	1419.06	2.8876	3.0448	0.1572	110.8		
	15-May-07	Sunny	0.5E	30	759.3	435470	437718	1348.8	40	40	1.00	1.00	1.00	1349.43	2.8903	3.0140	0.1237	91.7		
	21-May-07	Cloudy	0.6E	25	760.2	438013	440370	1414.2	40	39	1.00	0.98	0.99	1399.57	2.7915	2.8508	0.0593	42.4		
	26-May-07	Sunny	0.3E	28	760.8	440662	443037	1425	39	39	0.98	0.98	0.98	1394.85	2.8751	2.9596	0.0845	60.6		
Sheung Shui Heung Floodwater Pumping Station CAM2a	03-May-07	Fine	0.2E	26	759.2	536247	538623	1425.6	40	40	1.00	1.00	1.00	1422.36	2.8826	3.0035	0.1209	85.0	201/260	
	09-May-07	Sunny	0.3NE	28	759.3	538915	541265	1410	40	40	1.00	1.00	1.00	1406.79	2.8734	2.9788	0.1054	74.9		
	15-May-07	Sunny	0.5E	30	759.3	541560	543895	1401	40	40	1.00	1.00	1.00	1397.81	2.8592	2.9757	0.1165	83.3		
	21-May-07	Cloudy	0.6E	25	760.2	544189	546546	1414.2	40	39	1.00	0.98	0.99	1401.18	2.8104	2.8530	0.0426	30.4		
	26-May-07	Sunny	0.4E	28	760.8	546835	549213	1426.8	39	39	0.98	0.98	0.98	1403.77	2.8889	2.9724	0.0835	59.5		

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	03-May-07	Sunny	26	0.2	E	11:00	11:30	75	59.3	62.0	55.3	
	09-May-07	Sunny	28	0.3	NE	11:00	11:30	75	59.2	61.4	55.5	
	15-May-07	Sunny	30	0.5	E	10:00	10:30	75	60.6	63.1	57.3	
	21-May-07	Cloudy	25	0.6	E	10:10	10:40	75	61.2	63.5	58.2	
Temporary Domestic Structure NM2	03-May-07	Sunny	26	0.2	E	10:00	10:30	75	53.5	55.5	51.0	
	09-May-07	Sunny	28	0.3	NE	10:00	10:30	75	54.5	57.9	51.7	
	15-May-07	Sunny	30	0.5	E	11:00	11:30	75	55.2	58.3	53.2	
	21-May-07	Cloudy	25	0.6	E	11:30	12:00	75	55.9	58.3	52.3	

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

