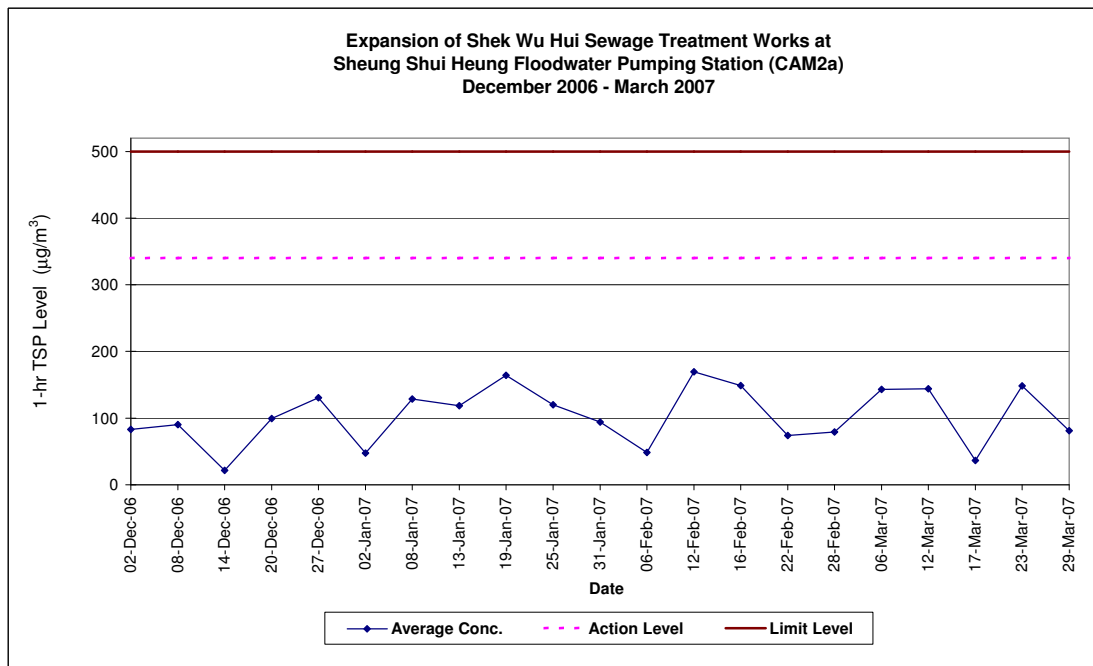
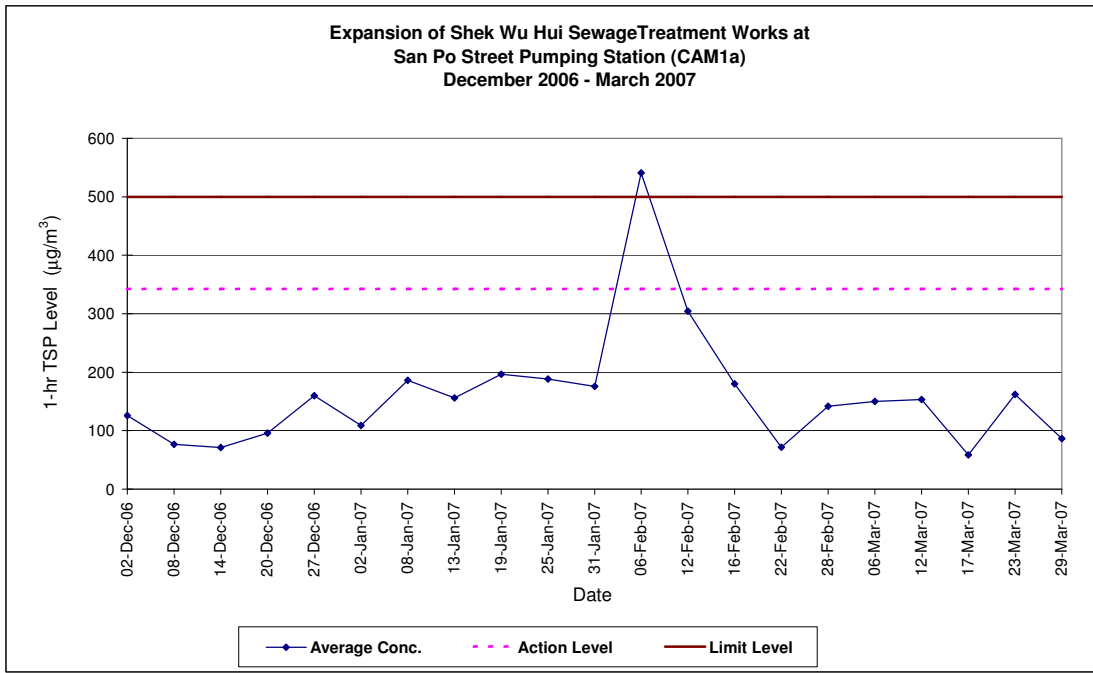


Expansion of Shek Wu Hui Sewage Treatment Works

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-07	Cloudy	0.9N	19	402978	403078	60.0	40	40	1.00	1.00	1.00	59.74	2.8564	2.8652	0.0088	147.3	149.8	342.7/500	
		Cloudy	0.9N	19	403078	403173	57.0	40	40	1.00	1.00	1.00	56.76	2.8728	2.8829	0.0101	178.0			
		Cloudy	0.9N	19	403173	403270	58.2	40	40	1.00	1.00	1.00	57.95	2.8490	2.8562	0.0072	124.2			
	12-Mar-07	Cloudy	1.9NE	17	405670	405769	59.4	40	40	1.00	1.00	1.00	59.15	2.8554	2.8653	0.0099	167.4			
		Cloudy	1.9NE	17	405769	405873	62.4	40	40	1.00	1.00	1.00	62.13	2.8368	2.8460	0.0092	148.1			
		Cloudy	1.9NE	17	405873	405976	61.8	40	40	1.00	1.00	1.00	61.54	2.8506	2.8595	0.0089	144.6			
	17-Mar-07	Cloudy	1.0N	16	408371	408467	57.6	40	40	1.00	1.00	1.00	57.35	2.8669	2.8719	0.0050	87.2			
		Cloudy	1.0N	16	408467	408564	58.2	40	40	1.00	1.00	1.00	57.95	2.8391	2.8402	0.0011	19.0			
		Cloudy	1.0N	16	408564	408668	62.4	40	40	1.00	1.00	1.00	62.13	2.8321	2.8364	0.0043	69.2			
	23-Mar-07	Cloudy	1.5NE	20	411065	411161	57.6	39	39	0.97	0.97	0.97	56.14	2.8540	2.8645	0.0105	187.0			
		Cloudy	1.5NE	20	411161	411257	57.6	39	39	0.97	0.97	0.97	56.14	2.8677	2.8770	0.0093	165.7			
		Cloudy	1.5NE	20	411257	411352	57.0	40	40	1.00	1.00	1.00	56.76	2.8679	2.8755	0.0076	133.9			
	29-Mar-07	Fine	0.5N	25	413748	413845	58.2	40	40	1.00	1.00	1.00	57.95	2.8556	2.8612	0.0056	96.6			
		Fine	0.5N	25	413845	413942	58.2	40	40	1.00	1.00	1.00	57.95	2.8228	2.8291	0.0063	108.7			
		Fine	0.5N	25	413942	414037	57.0	40	40	1.00	1.00	1.00	56.76	2.8158	2.8189	0.0031	54.6			
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Mar-07	Cloudy	0.9N	19	509144	509244	60.0	40	40	1.02	1.02	1.02	60.91	2.8512	2.8594	0.0082	134.6	142.9	340/500	
		Cloudy	0.9N	19	509244	509340	57.6	40	40	1.02	1.02	1.02	58.47	2.8628	2.8705	0.0077	131.7			
		Cloudy	0.9N	19	509340	509437	58.2	40	40	1.02	1.02	1.02	59.08	2.8779	2.8875	0.0096	162.5			
	12-Mar-07	Cloudy	2.3NE	17	511833	511934	60.6	40	40	1.02	1.02	1.02	61.52	2.8586	2.8689	0.0103	167.4			
		Cloudy	2.3NE	17	511934	512039	63.0	40	40	1.02	1.02	1.02	63.96	2.8391	2.8469	0.0078	122.0			
		Cloudy	2.3NE	17	512039	512142	61.8	40	40	1.02	1.02	1.02	62.74	2.8824	2.8914	0.0090	143.5			
	17-Mar-07	Cloudy	1.5N	16	514537	514635	58.8	40	40	1.00	1.00	1.00	58.78	2.8269	2.8292	0.0023	39.1			
		Cloudy	1.5N	16	514635	514731	57.6	40	40	1.00	1.00	1.00	57.58	2.8526	2.8542	0.0016	27.8			
		Cloudy	1.5N	16	514731	514824	55.8	40	40	1.00	1.00	1.00	55.78	2.8429	2.8453	0.0024	43.0			
	23-Mar-07	Cloudy	1.5NE	20	517202	517299	58.2	41	40	1.01	1.00	1.01	58.55	2.8528	2.8632	0.0104	177.6			
		Cloudy	1.5NE	20	517299	517394	57.0	40	40	1.00	1.00	1.00	56.98	2.8566	2.8650	0.0084	147.4			
		Cloudy	1.5NE	20	517394	517490	57.6	40	40	1.00	1.00	1.00	57.58	2.8465	2.8534	0.0069	119.8			
	29-Mar-07	Fine	0.8N	25	519879	519979	60.0	40	40	1.00	1.00	1.00	59.98	2.853	2.859	0.0060	100.0			
		Fine	0.8N	25	519979	520074	57.0	40	40	1.00	1.00	1.00	56.98	2.8335	2.8376	0.0041	71.9			
		Fine	0.8N	25	520074	520170	57.6	40	40	1.00	1.00	1.00	57.58	2.8377	2.8418	0.0041	71.2			

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

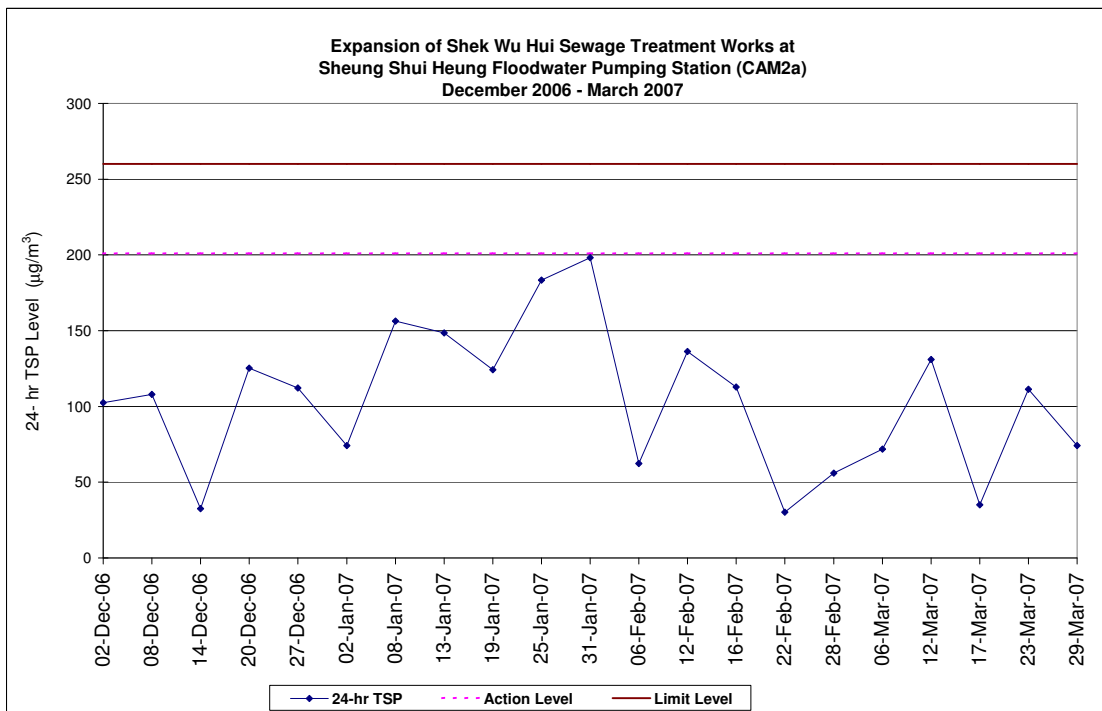
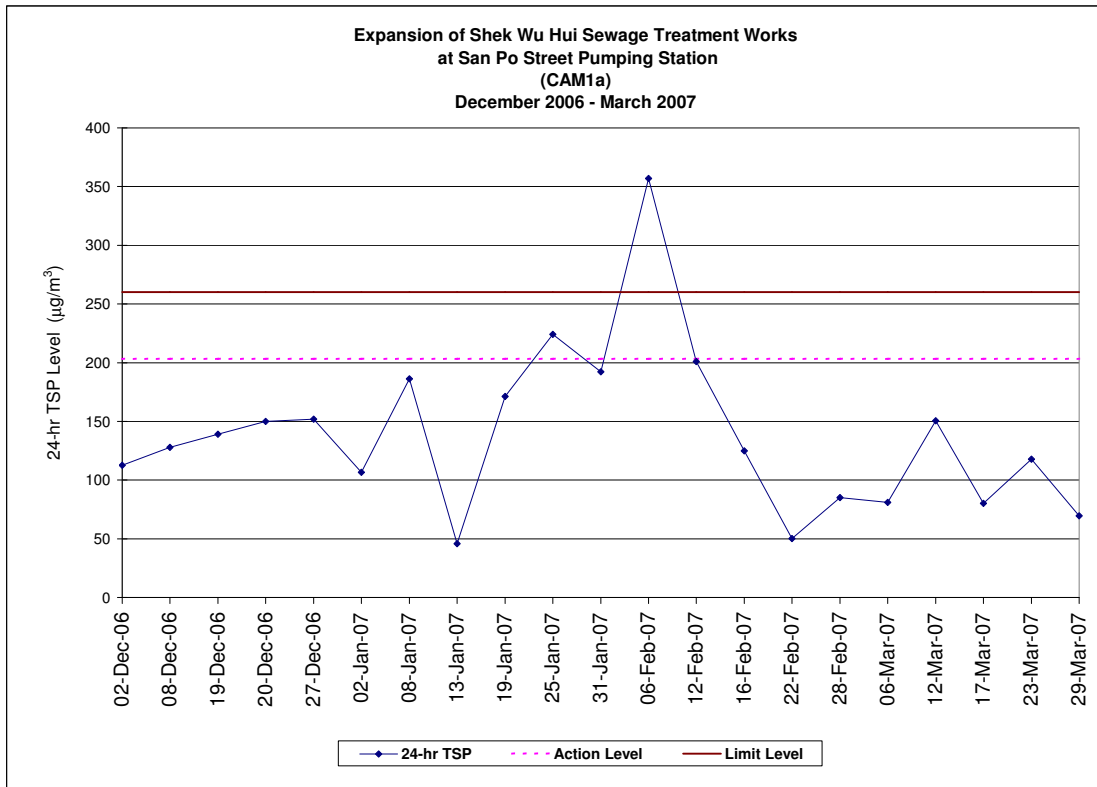


Expansion of Shek Wu Hui Sewage Treatment Works

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	06-Mar-07	Cloudy	0.9	19	764	403270	405670	1440	40	40	1.00	1.00	1.00	1433.85	2.8700	2.9860	0.1160	80.9	203/260	
	12-Mar-07	Cloudy	1.9	17	764.4	405976	408311	1401	40	40	1.00	1.00	1.00	1395.02	2.8578	3.0679	0.2101	150.6		
	17-Mar-07	Cloudy	1	16	759.6	408668	411065	1438.2	39	39	0.97	0.97	0.97	1401.76	2.8647	2.9771	0.1124	80.2		
	23-Mar-07	Cloudy	1.5	20	761.2	411257	413748	1494.6	40	40	1.00	1.00	1.00	1488.22	2.8622	3.0374	0.1752	117.7		
	29-Mar-07	Fine	0.5	25	759.9	414037	416530	1495.8	40	40	1.00	1.00	1.00	1489.41	2.819	2.9226	0.1036	69.6		
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Mar-07	Cloudy	0.9	19	764	509437	511832	1437	40	40	1.02	1.02	1.02	1458.80	2.8677	2.9726	0.1049	71.9	201/260	
	12-Mar-07	Cloudy	2.3	17	764.4	512143	514537	1436.4	40	40	1.02	1.02	1.02	1458.19	2.8689	3.0598	0.1909	130.9		
	17-Mar-07	Cloudy	1.5	16	759.6	514824	517201	1426.2	40	40	1.00	1.00	1.00	1425.81	2.8344	2.8845	0.0501	35.1		
	23-Mar-07	Cloudy	1.5	20	761.2	517490	519879	1433.4	40	40	1.00	1.00	1.00	1433.01	2.8415	3.0010	0.1595	111.3		
	29-Mar-07	Fine	0.8	25	759.9	520170	522564	1436.4	40	40	1.00	1.00	1.00	1436.01	2.8267	2.9332	0.1065	74.2		

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-07	Cloudy	19	0.9	N	10:40	11:10	75	58.2	60.5	55.0	
	12-Mar-07	Cloudy	17	1.9	NE	10:25	10:55	75	59.1	61.0	55.0	
	23-Mar-07	Cloudy	20	1.5	NE	11:20	11:50	75	58.9	61.5	55.5	
	29-Mar-07	Fine	24	0.5	N	10:40	11:10	75	57.3	61.0	55.0	
Temporary Domestic Structure NM2	06-Mar-07	Cloudy	19	0.9	N	11:30	12:00	75	53.4	56.0	50.0	
	12-Mar-07	Cloudy	17	2.3	NE	11:30	12:00	75	55.5	58.0	53.0	
	23-Mar-07	Cloudy	20	1.5	NE	10:20	11:50	75	54.6	57.0	52.5	
	29-Mar-07	Fine	24	0.8	N	11:30	12:00	75	54.2	57.5	53.0	

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

