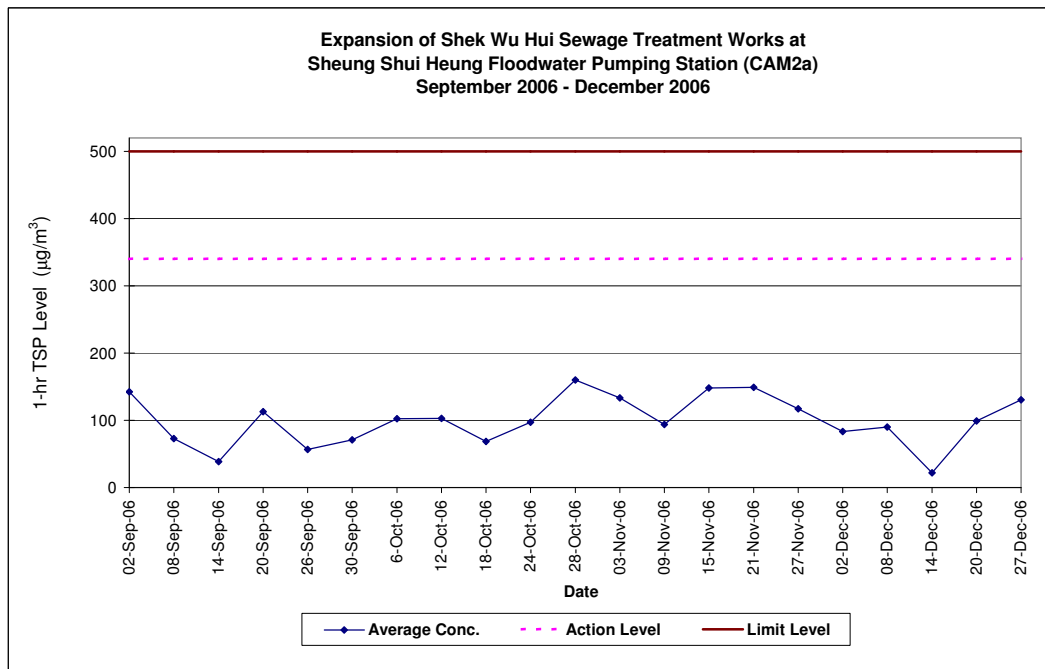
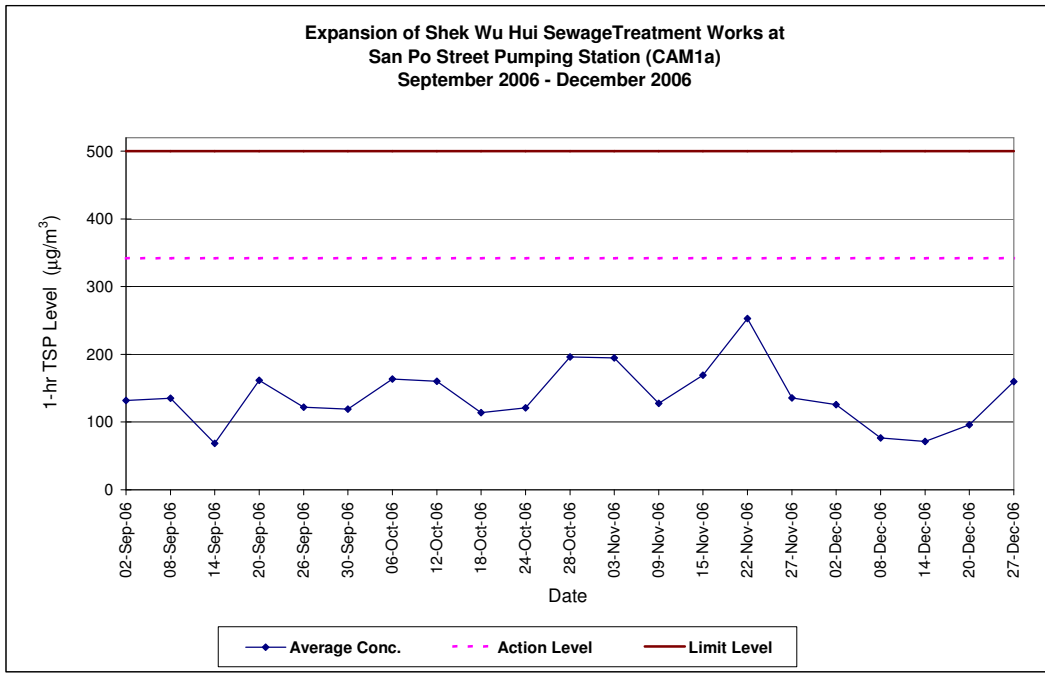


Expansion of Shek Wu Hui Sewage Treatment Works

Air Quality Impact Monitoring Results (1-Hour TSP)

Location	Monitoring Date	Weather Conditions	Wind Speed with Direction (m/s)	Temp (oC)	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	02-Dec-06	Fine	0.2N	23	576530	576629	59.4	32	32	1.11	1.11	1.11	66.03	2.8515	2.8608	0.0093	140.8	125.7	342.7/500			
		Fine	0.2N	23	576629	576725	57.6	32	32	1.11	1.11	1.11	64.03	2.8857	2.8928	0.0071	110.9					
		Fine	0.2N	23	576725	576823	58.8	32	32	1.11	1.11	1.11	65.36	2.8755	2.8837	0.0082	125.4					
	08-Dec-06	Cloudy	0.5NE	20	579226	579320	56.4	32	32	1.11	1.11	1.11	62.70	2.8573	2.8627	0.0054	86.1			76.7		
		Cloudy	0.5NE	20	579320	579420	60.0	32	32	1.11	1.11	1.11	66.70	2.8478	2.8540	0.0062	93.0					
	14-Dec-06	Cloudy	0.5NE	20	579420	579520	60.0	32	32	1.11	1.11	1.11	66.70	2.8431	2.8465	0.0034	51.0			71.4		
		Cloudy	0.1E	18	581911	582010	59.4	33	33	1.15	1.15	1.15	68.13	2.8894	2.8911	0.0017	25.0					
		Cloudy	0.1E	18	582010	582109	59.4	33	33	1.15	1.15	1.15	68.13	2.8775	2.8871	0.0096	140.9					
	20-Dec-06	Cloudy	0.1E	18	582109	582205	57.6	33	33	1.15	1.15	1.15	66.06	2.8200	2.8232	0.0032	48.4			95.8		
		Fine	0.8N	20	368110	368205	57.0	41	41	1.43	1.43	1.43	81.46	2.8821	2.8910	0.0089	109.3				New HVS was used	
		Fine	0.8N	20	368205	368300	57.0	41	41	1.43	1.43	1.43	81.46	2.8623	2.8690	0.0067	82.3					
	27-Dec-06	Fine	0.8N	20	368300	368395	57.0	41	41	1.43	1.43	1.43	81.46	2.8816	2.8894	0.0078	95.8					
		Fine	1.0N	20	370779	370876	58.2	41	41	1.43	1.43	1.43	83.17	2.8482	2.8612	0.0130	156.3			160.0		
		Fine	1.0N	20	370876	370975	59.4	41	41	1.43	1.43	1.43	84.89	2.8648	2.8783	0.0135	159.0					
	Fine	1.0N	20	370975	371072	58.2	41	41	1.43	1.43	1.43	83.17	2.8401	2.8538	0.0137	164.7						
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Dec-06	Fine	0.5N	23	466166	466262	57.6	40	40	1.31	1.31	1.31	75.25	2.8896	2.8981	0.0085	113.0	83.2	340/500			
		Fine	0.5N	23	466262	466360	58.8	40	40	1.31	1.31	1.31	76.82	2.8403	2.8475	0.0072	93.7					
		Fine	0.5N	23	466360	466458	58.8	40	40	1.31	1.31	1.31	76.82	2.9189	2.9222	0.0033	43.0					
	08-Dec-06	Cloudy	0.9NE	20	468864	468962	58.8	40	40	1.31	1.31	1.31	76.82	2.8312	2.8369	0.0057	74.2			90.0		
		Cloudy	0.9NE	20	468962	469062	60.0	40	40	1.31	1.31	1.31	78.39	2.8354	2.8422	0.0068	86.7					
		Cloudy	0.9NE	20	469062	469159	58.2	40	40	1.31	1.31	1.31	76.04	2.8441	2.8524	0.0083	109.2					
	14-Dec-06	Cloudy	0.6E	18	471560	471658	58.8	40	40	1.31	1.31	1.31	76.82	2.8782	2.8799	0.0017	22.1			21.7		
		Cloudy	0.6E	18	471658	471755	58.2	40	40	1.31	1.31	1.31	76.04	2.8604	2.8624	0.0020	26.3					
		Cloudy	0.6E	18	471755	471854	59.4	40	40	1.31	1.31	1.31	77.60	2.8847	2.8860	0.0013	16.8					
	20-Dec-06	Fine	1.0N	20	474247	474345	58.8	40	40	1.31	1.31	1.31	76.82	2.8755	2.8839	0.0084	109.3			99.2		
		Fine	1.0N	20	474345	474439	56.4	40	40	1.31	1.31	1.31	73.69	2.8592	2.8670	0.0078	105.9					
		Fine	1.0N	20	474439	474532	55.8	40	40	1.31	1.31	1.31	72.90	2.8583	2.8643	0.0060	82.3					
	27-Dec-06	Fine	1.1N	20	476917	477015	58.8	41	41	1.33	1.33	1.33	78.47	2.8856	2.8964	0.0108	137.6			130.4		
		Fine	1.1N	20	477015	477114	59.4	41	41	1.33	1.33	1.33	79.27	2.8809	2.8909	0.0100	126.2					
		Fine	1.1N	20	477114	477211	58.2	41	41	1.33	1.33	1.33	77.67	2.8661	2.8760	0.0099	127.5					

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

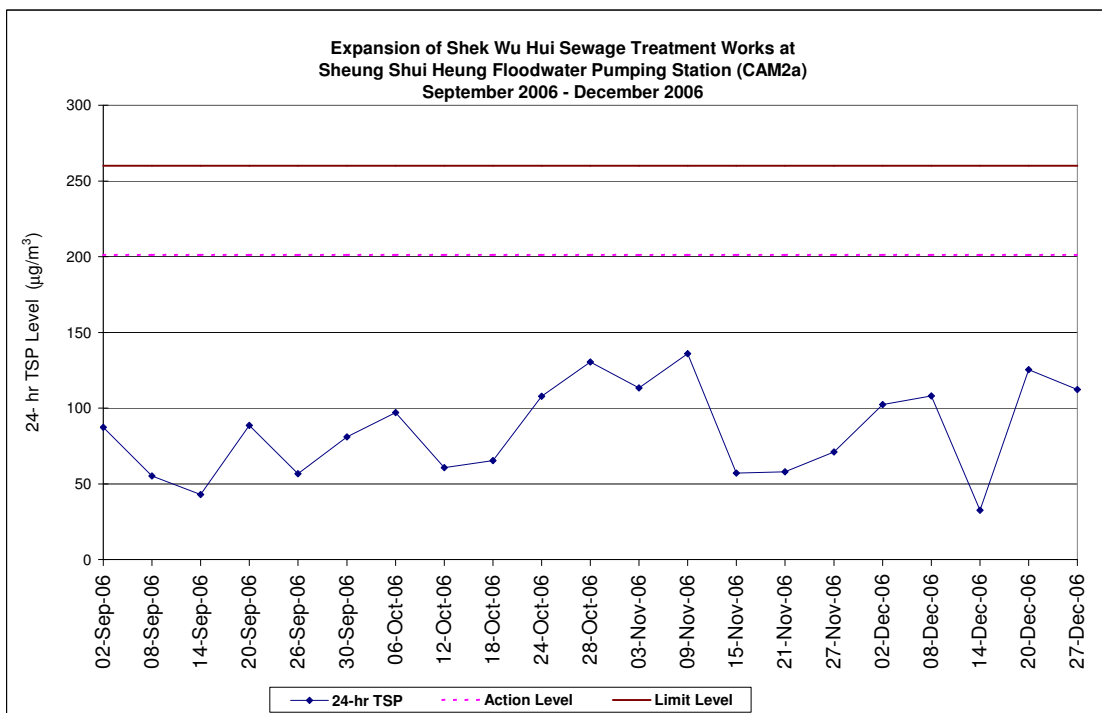
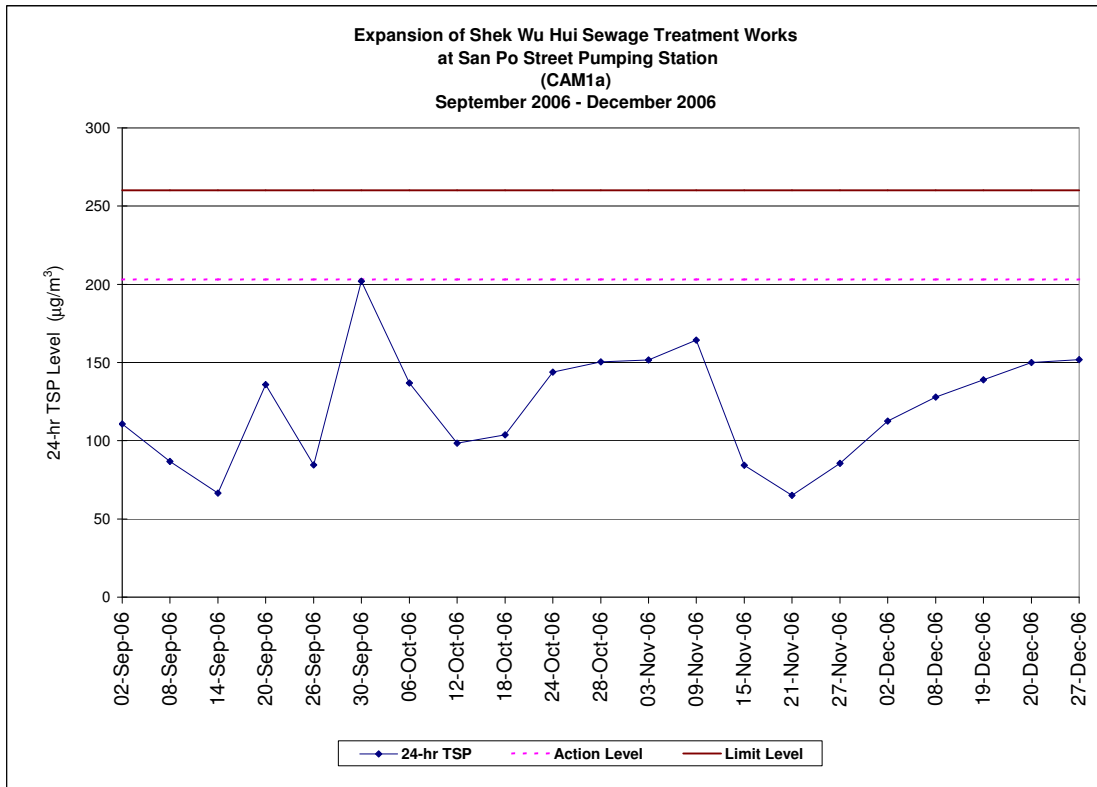


Expansion of Shek Wu Hui Sewage Treatment Works

Air Quality Impact Monitoring Results (24-Hour TSP)

Location	Monitoring Date	Weather Conditions	Wind Speed with Direction (m/s)	Temp (oC)	Pressure (mmHg)	Timer-I	Timer-F	Time (mins)	Flow-I (CFM/Inches)	Flow-F (CFM/Inches)	Flow-I (m <sup>3</sup> /min)	Flow-F (m <sup>3</sup> /min)	Flow-avg (m <sup>3</sup> /min)	Volume (m <sup>3</sup> )	Weight-I (g)	Weight-F (g)	Weight-diff. (g)	24-hr TSP (ug/m <sup>3</sup> )	Action/Limit Levels (ug/m <sup>3</sup> )	Remark
San Po Street Pumping Station CAM1a	02-Dec-06	Fine	0.2N	23	764.1	576823	579226	1441.8	32	32	1.11	1.11	1.11	1602.77	2.8617	3.0422	0.1805	112.6	203/260	No monitoring of 24-hr TSP at CAM1a was carried out on 14 December 2006 because the HVS was out of order. Re-monitoring was carried out on 19 December 2006.
	08-Dec-06	Cloudy	0.5NE	20	763.8	579520	581911	1434.6	32	32	1.11	1.11	1.11	1594.77	2.8278	3.0318	0.204	127.9		
	19-Dec-06	Fine	0.5N	17	760.5	365715	368110	1437	41	41	1.10	1.10	1.10	1583.56	2.8654	3.0854	0.22	138.9		
	20-Dec-06	Fine	0.8N	20	759.6	368395	370779	1430.4	41	41	1.10	1.10	1.10	1576.28	2.8499	3.0862	0.2363	149.9		
	27-Dec-06	Fine	1.0N	20	759.8	371072	373462	1434	41	41	1.10	1.10	1.10	1580.25	2.8832	3.1231	0.2399	151.8		
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Dec-06	Fine	0.5N	23	764.1	466458	468864	1443.6	40	40	1.29	1.29	1.29	1856.26	2.8827	3.0728	0.1901	102.4	201/260	
	08-Dec-06	Cloudy	0.9NE	20	763.8	469159	471560	1440.6	40	40	1.29	1.29	1.29	1852.40	2.8476	3.0477	0.2001	108.0		
	14-Dec-06	Cloudy	0.6E	18	762.7	471854	474247	1435.8	40	40	1.31	1.31	1.31	1875.84	2.8829	2.9440	0.0611	32.6		
	20-Dec-06	Fine	1.0N	20	759.6	474532	476917	1431	40	40	1.31	1.31	1.31	1869.57	2.8665	3.1007	0.2342	125.3		
	27-Dec-06	Fine	1.1N	20	759.8	477211	479602	1434.6	41	41	1.33	1.33	1.33	1914.48	2.8571	3.0719	0.2148	112.2		

\*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 <sub>eq(30min)</sub>	L <sub>10(30min)</sub>	L <sub>90(30min)</sub>	Remark
			(°C)	(m/s)	Direction			dB(A)	dB(A)	dB(A)	dB(A)	
Wai Loi Tsuen NM1	08-Dec-06	Cloudy	23	0.2	NE	10:20	10:50	75	63.7	66.5	60.5	
	14-Dec-06	Cloudy	20	0.1	N	10:20	10:50	75	57.5	59.9	54.0	
	20-Dec-06	Fine	18	0.8	N	14:10	14:40	75	59.0	61.3	54.3	
	27-Dec-06	Cloudy	20	0.1	E	10:10	10:40	75	60.2	62.3	55.1	
Temporary Domestic Structure NM2	08-Dec-06	Cloudy	23	0.9	NE	11:20	11:50	75	53.2	54.8	50.5	
	14-Dec-06	Cloudy	20	0.6	N	11:20	11:50	75	53.8	55.8	51.0	
	20-Dec-06	Fine	18	1	N	15:15	15:45	75	53.6	56.0	50.0	
	27-Dec-06	Cloudy	20	0.2	E	11:15	11:45	75	53.2	57.0	49.5	

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

