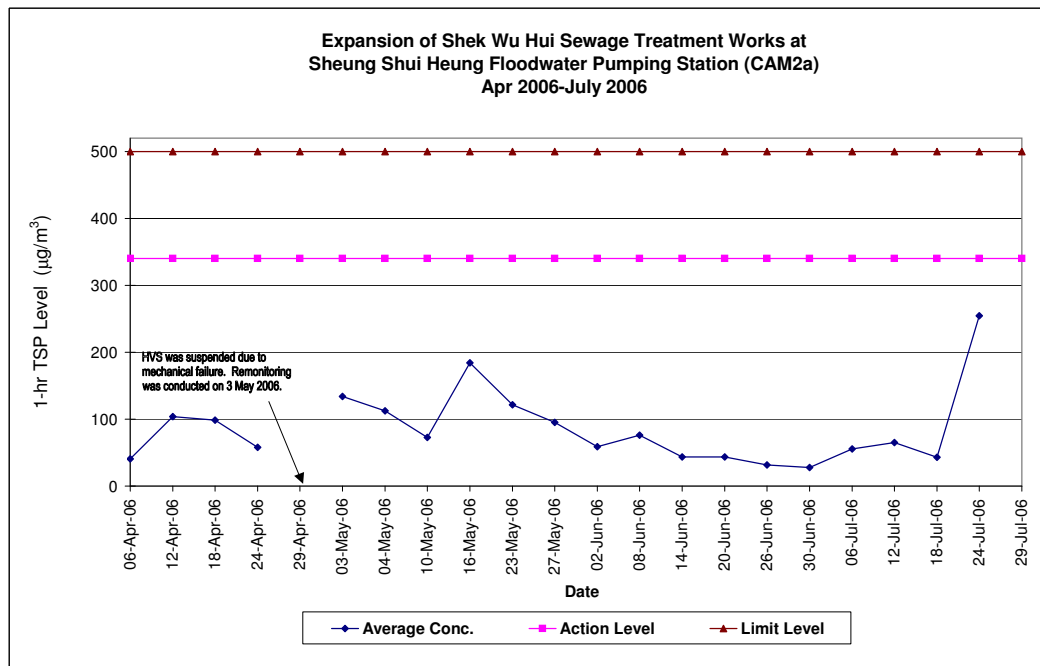
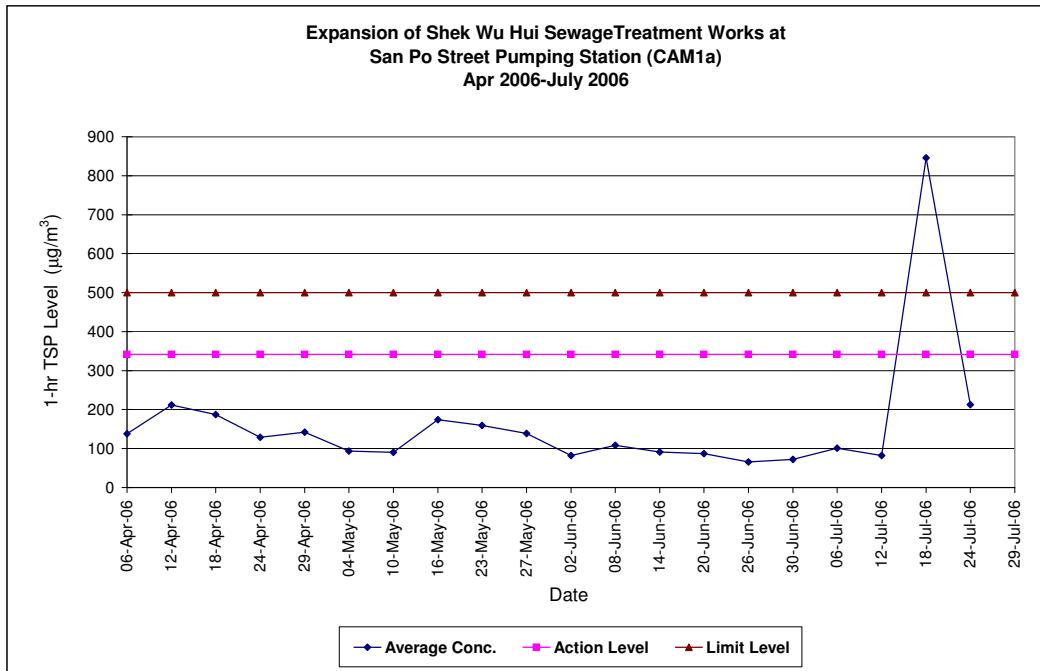


Expansion of Shek Wu Hui Sewage Treatment Works

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	06-Jul-06	Sunny	0.1SW	32	496870	496969	59.4	32	32	1.08	1.08	1.08	63.90	2.8795	2.8855	0.0060	93.9	100.9	342.7/500	Concrete breaking was undertaken within first two hours monitoring inside the pumping station			
		Sunny	0.1SW	32	496969	497067	58.8	32	32	1.08	1.08	1.08	63.25	2.8796	2.8869	0.0073	115.4						
		Sunny	0.1SW	32	497067	497165	58.8	32	32	1.08	1.08	1.08	63.25	2.8805	2.8864	0.0059	93.3						
	12-Jul-06	Sunny	0.1SW	33	499579	499678	59.4	32	32	1.03	1.03	1.03	61.35	2.8784	2.8844	0.0060	97.8	82.3					
		Sunny	0.1SW	33	499678	499772	56.4	32	32	1.03	1.03	1.03	58.25	2.8736	2.8787	0.0051	87.6						
		Sunny	0.1SW	33	499772	499869	58.2	32	32	1.03	1.03	1.03	60.11	2.8769	2.8806	0.0037	61.6						
	18-Jul-06	Sunny	0.1S	29	502266	502368	61.2	32	32	1.03	1.03	1.03	63.21	2.8984	2.9615	0.0631	998.3	845.5					
		Sunny	0.1S	29	502368	502462	56.4	32	32	1.03	1.03	1.03	58.25	2.8845	2.9691	0.0846	1452.4						
		Sunny	0.1S	29	502462	502558	57.6	32	32	1.03	1.03	1.03	59.49	2.8649	2.8700	0.0051	85.7						
	24-Jul-06	Sunny	0.2SE	32	504960	505057	58.2	35	35	1.13	1.13	1.13	65.70	2.8635	2.8749	0.0114	173.5	212.7					
		Sunny	0.2SE	32	505057	505153	57.6	36	35	1.16	1.13	1.14	65.94	2.8874	2.9020	0.0146	221.4						
		Sunny	0.2SE	32	505153	505250	58.2	36	35	1.16	1.13	1.14	66.63	2.8837	2.8999	0.0162	243.1						
	29-Jul-06																						
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Jul-06	Sunny	0.9SW	32	382240	382340	60.0	34	34	1.10	1.10	1.10	65.93	2.8867	2.8905	0.0038	57.6	55.6	340/500				
		Sunny	0.9SW	32	382340	382439	59.4	34	34	1.10	1.10	1.10	65.27	2.8761	2.8798	0.0037	56.7						
		Sunny	0.9SW	32	382439	382540	60.6	34	34	1.10	1.10	1.10	66.59	2.8741	2.8776	0.0035	52.6						
	12-Jul-06	Sunny	0.1SW	33	384936	385035	59.4	40	40	1.27	1.27	1.27	75.17	2.8824	2.8881	0.0057	75.8	64.9					
		Sunny	0.1SW	33	385035	385134	59.4	40	40	1.27	1.27	1.27	75.17	2.8724	2.8776	0.0052	69.2						
		Sunny	0.1SW	33	385134	385235	60.6	40	40	1.27	1.27	1.27	76.69	2.8672	2.8710	0.0038	49.6						
	18-Jul-06	Sunny	0.1S	29	387635	387733	58.8	40	40	1.27	1.27	1.27	74.41	2.9030	2.9066	0.0036	48.4	43.1					
		Sunny	0.1S	29	387733	387830	58.2	40	40	1.27	1.27	1.27	73.65	2.8832	2.8857	0.0025	33.9						
		Sunny	0.1S	29	387830	387928	58.8	40	40	1.27	1.27	1.27	74.41	2.8834	2.8869	0.0035	47.0						
	24-Jul-06	Sunny	0.5SE	30	390326	390425	59.4	40	40	1.27	1.27	1.27	75.17	2.8604	2.8763	0.0159	211.5	254.6					
		Sunny	0.5SE	30	390425	390522	58.2	40	40	1.27	1.27	1.27	73.65	2.8556	2.8748	0.0192	260.7						
		Sunny	0.5SE	30	390522	390620	58.8	40	40	1.27	1.27	1.27	74.41	2.8976	2.9193	0.0217	291.6						
	29-Jul-06																						

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

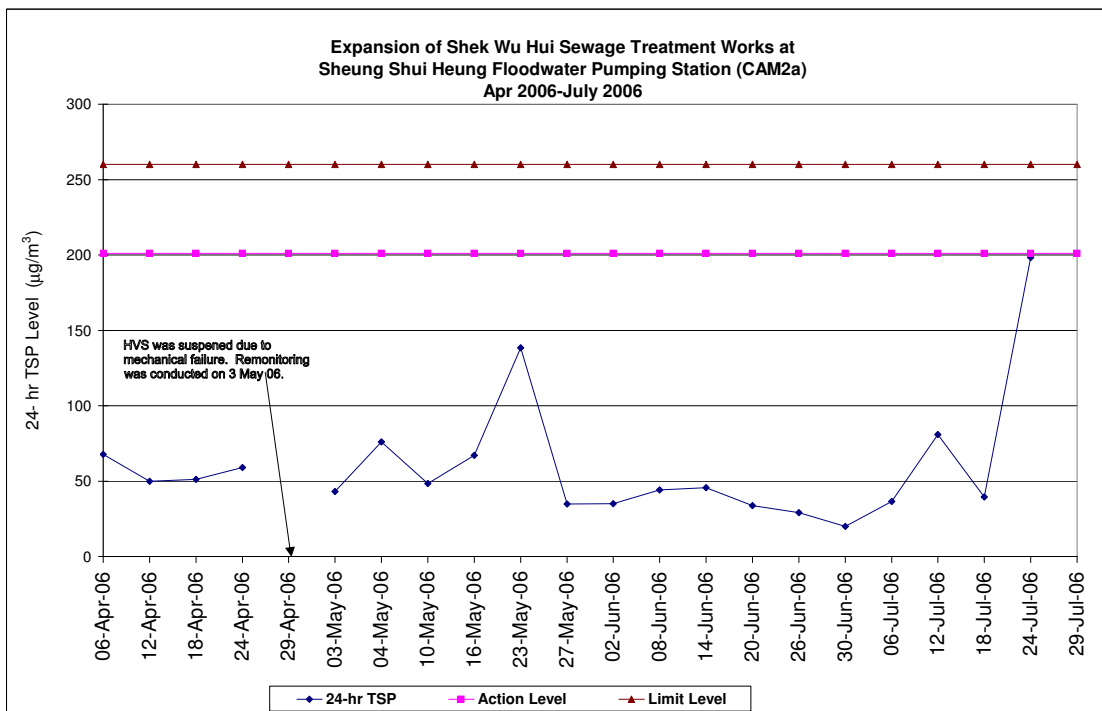
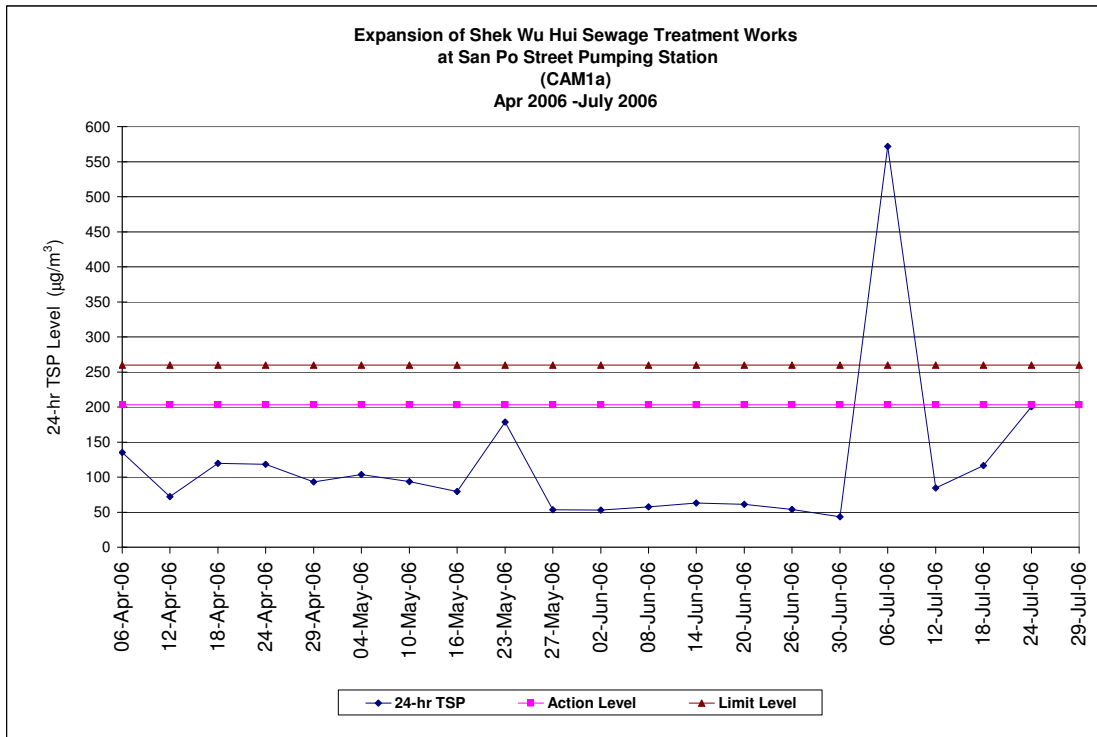


Expansion of Shek Wu Hui Sewage Treatment Works

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 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-Jul-06	Sunny	0.1SW	32	752.8	497165	499563	1438.8	32	32	1.08	1.08	1.08	1547.73	2.8744	3.7590	0.8846	571.5	203/260	concrete breaking was undertaken inside the pumping station
	12-Jul-06	Sunny	0.1SW	33	750.9	499869	502266	1438.2	32	32	1.03	1.03	1.03	1485.37	2.8718	2.9970	0.1252	84.3		
	18-Jul-06	Sunny	0.1SW	29	756.7	502558	504960	1441.2	32	31	1.03	1.00	1.02	1465.40	2.8989	3.0719	0.173	118.1		
	24-Jul-06	Sunny	0.2SE	32	751.6	505250	507648	1438.8	36	35	1.16	1.13	1.14	1647.20	2.8922	3.2225	0.3303	200.5		
	29-Jul-06																			
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Jul-06	Sunny	0.9SW	32	752.8	382540	384936	1437.6	34	34	1.20	1.20	1.20	1722.50	2.8669	2.9298	0.0629	36.5	201/260	
	12-Jul-06	Sunny	0.1SW	33	750.9	385235	387634	1439.4	40	40	1.27	1.27	1.27	1821.48	2.8646	3.0121	0.1475	81.0		
	18-Jul-06	Sunny	0.1SW	29	756.7	387928	390326	1438.8	40	40	1.27	1.27	1.27	1820.72	2.8800	2.9520	0.072	39.5		
	24-Jul-06	Sunny	0.5SE	30	751.6	390620	393016	1437.6	40	40	1.27	1.27	1.27	1819.20	2.8945	3.2554	0.3609	198.4		
	29-Jul-06																			

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-Jul-06	Sunny	32	0.1	SW	11:00	11:30	75	64.3	65.4	62.7	
	12-Jul-06	Sunny	33	0.1	SW	10:25	10:55	75	61.0	65.0	55.7	
	18-Jul-06	Sunny	29	0.1	S	10:00	10:30	75	61.5	63.4	56.5	
	24-Jul-06	Sunny	32	0.2	SE	10:23	10:53	75	59.9	63.0	54.2	
Temporary Domestic Structure NM2	06-Jul-06	Sunny	32	0.9	SW	10:00	10:30	75	56.2	58.0	54.3	
	12-Jul-06	Sunny	33	0.1	SW	11:25	11:55	75	57.3	59.4	53.6	
	18-Jul-06	Sunny	29	0.1	S	11:00	11:30	75	58.3	60.2	55.2	
	24-Jul-06	Sunny	32	0.5	SE	11:30	12:00	75	58.8	60.6	56.2	

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

