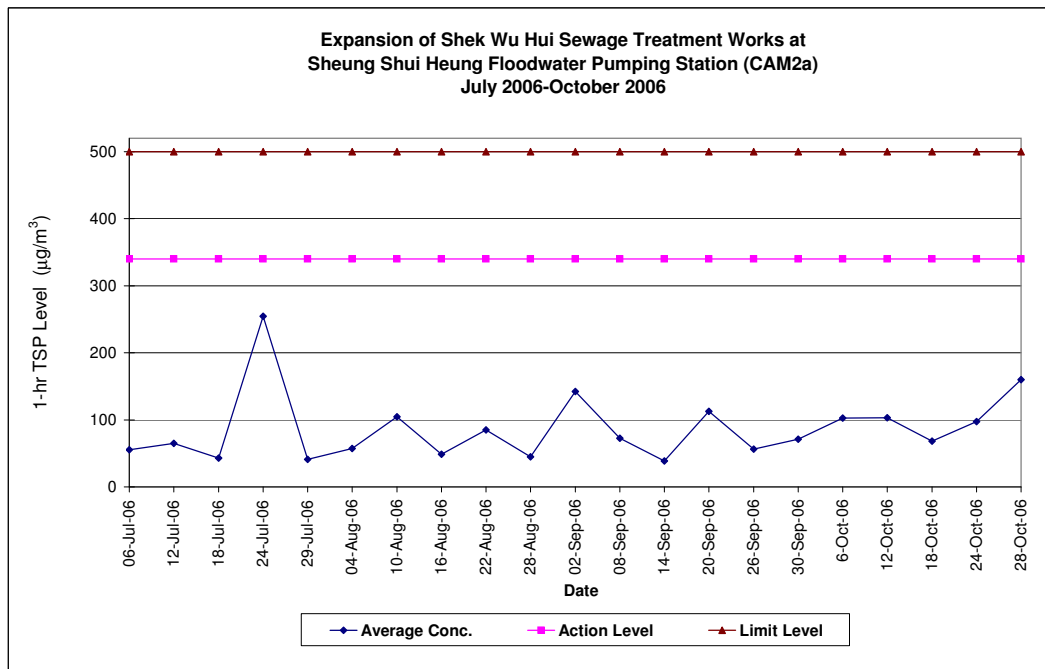
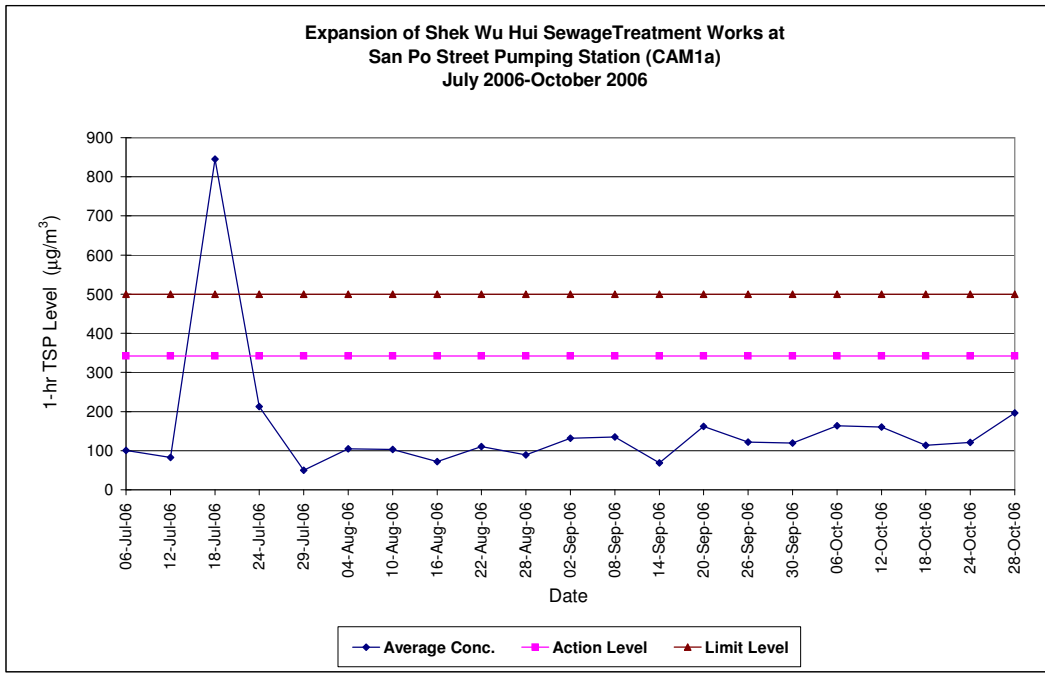


Expansion of Shek Wu Hui Sewage Treatment Works

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-Oct-06	Sunny	0.5NE	27	549435	549536	60.6	34	34	1.10	1.10	1.10	66.68	2.8870	2.8982	0.0112	168.0	163.6	342.7/500	
		Sunny	0.5NE	27	549536	549636	60.0	34	33	1.10	1.07	1.08	65.06	2.8654	2.8778	0.0124	190.6			
		Sunny	0.5NE	27	549636	549736	60.0	34	33	1.10	1.07	1.08	65.06	2.8796	2.8882	0.0086	132.2			
	12-Oct-06	Sunny	0.1N	31	552128	552232	62.4	33	33	1.07	1.07	1.07	66.66	2.8922	2.9044	0.0122	183.0			
		Sunny	0.1N	31	552232	552329	58.2	33	33	1.07	1.07	1.07	62.18	2.8735	2.8824	0.0089	143.1			
	18-Oct-06	Sunny	0.1N	31	552329	552429	60.0	33	33	1.07	1.07	1.07	64.10	2.8657	2.8756	0.0099	154.4			
		Cloudy	1.0NE	26	554824	554922	58.8	33	33	1.07	1.07	1.07	62.82	2.8566	2.8666	0.0100	159.2			
		Cloudy	1.0NE	26	554922	555020	58.8	33	33	1.07	1.07	1.07	62.82	2.8723	2.8792	0.0069	109.8			
	24-Oct-06	Cloudy	1.0NE	26	555020	555116	57.6	33	33	1.07	1.07	1.07	61.54	2.8812	2.8857	0.0045	73.1			
		Fine	0.7NE	29	557511	557611	60.0	33	33	1.07	1.07	1.07	64.10	2.8558	2.8643	0.0085	132.6			
		Fine	0.7NE	29	557611	557710	59.4	33	33	1.07	1.07	1.07	63.46	2.8647	2.8733	0.0086	135.5			
	28-Oct-06	Fine	0.7NE	29	557710	557813	61.8	33	33	1.07	1.07	1.07	66.02	2.8607	2.8670	0.0063	95.4			
		Fine	0.2N	29	560216	560318	61.2	32	32	1.04	1.04	1.04	63.42	2.8657	2.8796	0.0139	219.2			
		Fine	0.2N	29	560318	560417	59.4	32	32	1.04	1.04	1.04	61.55	2.8535	2.8663	0.0128	208.0			
			Fine	0.2N	29	560417	560516	59.4	32	32	1.04	1.04	1.04	61.55	2.8719	2.8818	0.0099			
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Oct-06	Sunny	0.1NE	27	434229	434330	60.6	40	40	1.29	1.29	1.29	77.92	2.8740	2.8823	0.0083	106.5	102.5	340/500	
		Sunny	0.1NE	27	434330	434430	60.0	40	40	1.29	1.29	1.29	77.15	2.8903	2.8989	0.0086	111.5			
		Sunny	0.1NE	27	434430	434530	60.0	40	40	1.29	1.29	1.29	77.15	2.8860	2.8929	0.0069	89.4			
	12-Oct-06	Sunny	0.2N	31	441887	441788	60.6	40	40	1.29	1.29	1.29	77.92	2.8691	2.8780	0.0089	114.2			
		Sunny	0.2N	31	441788	441889	60.6	40	40	1.29	1.29	1.29	77.92	2.8487	2.8567	0.0080	102.7			
		Sunny	0.2N	31	441889	441989	60.0	40	40	1.29	1.29	1.29	77.15	2.8833	2.8904	0.0071	92.0			
	18-Oct-06	Cloudy	1.5NE	26	444384	444483	59.4	40	40	1.29	1.29	1.29	76.38	2.8754	2.8848	0.0094	123.1			
		Cloudy	1.5NE	26	444483	444591	64.8	40	40	1.29	1.29	1.29	83.32	2.8845	2.8869	0.0024	28.9			
		Cloudy	1.5NE	26	444591	444691	60.0	40	40	1.29	1.29	1.29	77.15	2.8867	2.8908	0.0041	53.1			
	24-Oct-06	Fine	0.9NE	29	447074	447174	60.0	40	40	1.29	1.29	1.29	77.15	2.8464	2.8555	0.0091	117.9			
		Fine	0.9NE	29	447174	447276	61.2	40	40	1.29	1.29	1.29	78.69	2.8732	2.8813	0.0081	102.9			
		Fine	0.9NE	29	447276	447380	62.4	40	40	1.29	1.29	1.29	80.24	2.8643	2.8700	0.0057	71.0			
	28-Oct-06	Fine	0.1N	29	450039	450139	60.0	40	40	1.29	1.29	1.29	77.15	2.8831	2.8974	0.0143	185.3			
		Fine	0.1N	29	450139	450238	59.4	40	40	1.29	1.29	1.29	76.38	2.8725	2.8857	0.0132	172.8			
		Fine	0.1N	29	450238	450340	61.2	40	40	1.29	1.29	1.29	78.69	2.8655	2.8751	0.0096	122.0			

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

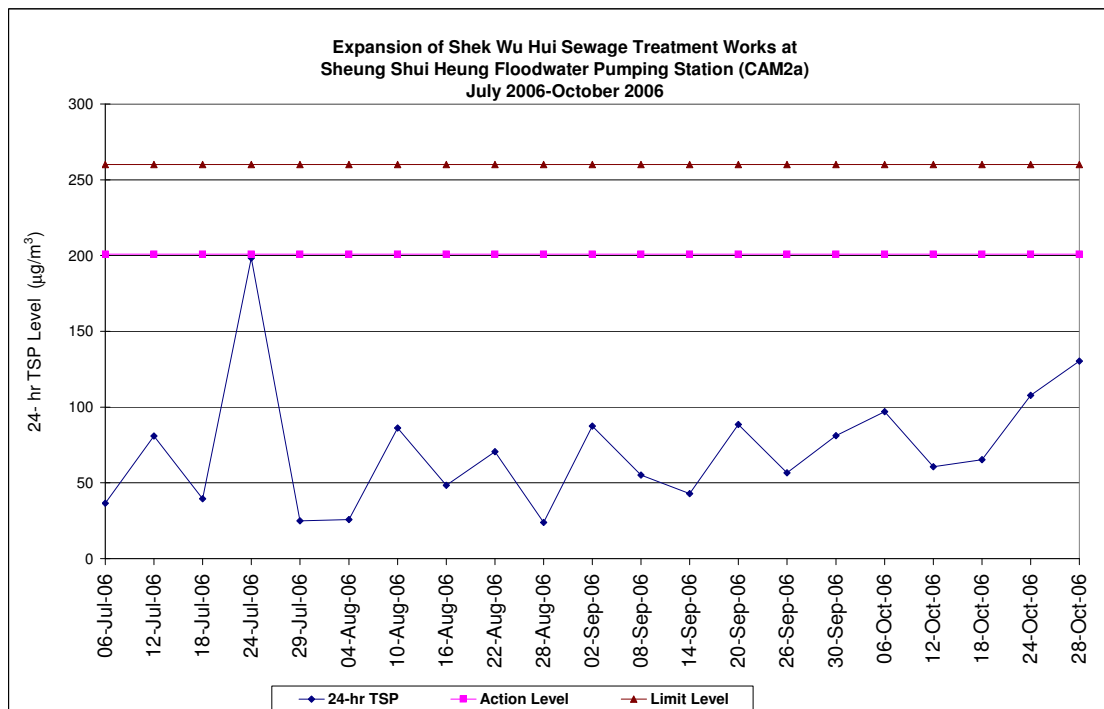
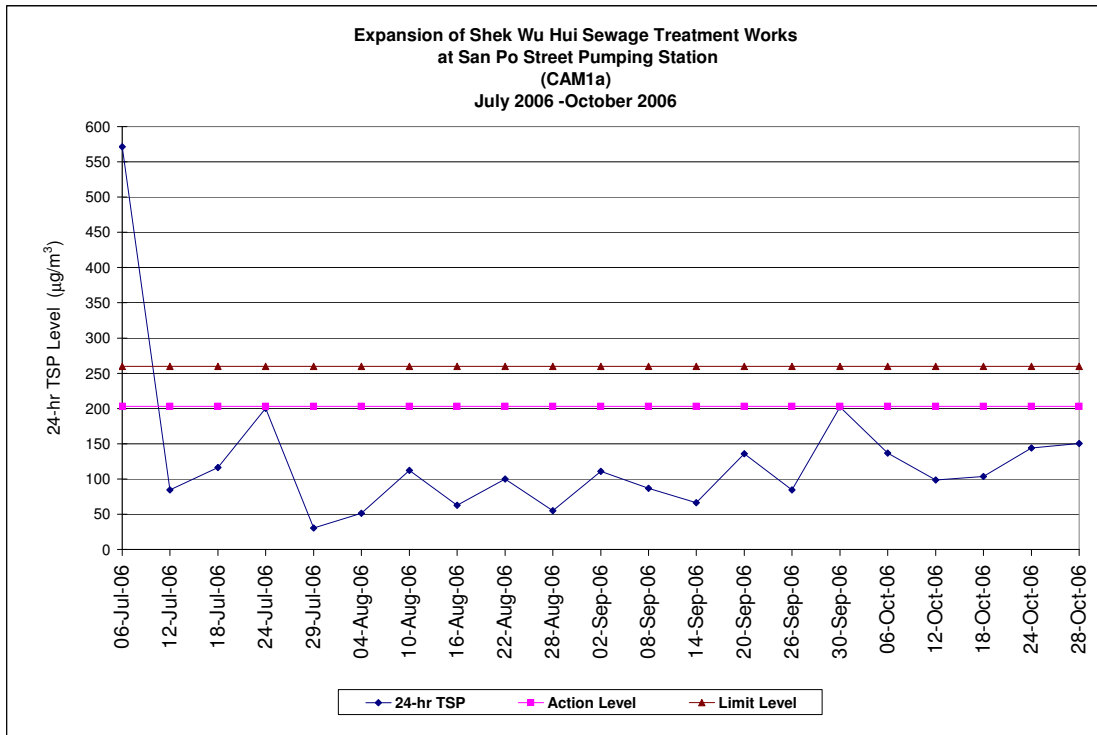


Expansion of Shek Wu Hui Sewage Treatment Works

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	06-Oct-06	Sunny	0.5NE	27	759.1	549736	552128	1435.2	34	34	1.10	1.10	1.10	1579.31	2.8707	3.0868	0.2161	136.8	203/260	
	12-Oct-06	Sunny	0.1N	31	762.7	552429	554824	1437	33	33	1.07	1.07	1.07	1535.19	2.8880	3.0392	0.1512	98.5		
	18-Oct-06	Cloudy	1.0NE	26	753.3	555116	557511	1437	33	33	1.07	1.07	1.07	1535.19	2.8719	3.0311	0.1592	103.7		
	24-Oct-06	Fine	0.7NE	29	759.6	557813	560216	1441.8	33	33	1.07	1.07	1.07	1540.32	2.8427	3.0642	0.2215	143.8		
	28-Oct-06	Sunny	0.2N	29	762.2	560516	562913	1438.2	33	33	1.07	1.07	1.07	1536.47	2.8623	3.0935	0.2312	150.5		
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Oct-06	Sunny	0.1NE	27	759.1	434530	441687	4294.2	40	40	1.29	1.29	1.29	5521.72	2.8951	3.4309	0.5358	97.0	201/260	Due to malfunction of timer, the 24-hr TSP calculated is the average of a 3 days value
	12-Oct-06	Sunny	0.2N	31	762.7	441989	444383	1436.4	40	40	1.29	1.29	1.29	1847.00	2.8949	3.0069	0.112	60.6		
	18-Oct-06	Cloudy	1.5NE	26	753.3	444691	447074	1429.8	40	40	1.29	1.29	1.29	1838.52	2.8747	2.9947	0.12	65.3		
	24-Oct-06	Fine	0.9NE	29	759.6	447380	450038	1594.8	40	40	1.29	1.29	1.29	2050.68	2.8662	3.0871	0.2209	107.7		
	28-Oct-06	Sunny	0.1N	29	762.2	450340	452738	1438.8	40	40	1.29	1.29	1.29	1850.09	2.9028	3.144	0.2412	130.4		

\*"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 <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	06-Oct-06	Sunny	27	0.1	NE	09:55	10:25	75	58.6	61.3	55.3	
	12-Oct-06	Sunny	31	0.1	N	09:55	10:25	75	66.5	67.6	63.3	
	18-Oct-06	Cloudy	26	1	NE	10:05	10:35	75	61.3	62.2	54.5	
	24-Oct-06	Fine	29	0.7	NE	10:25	10:55	75	56.2	58.5	52.5	
Temporary Domestic Structure NM2	06-Oct-06	Sunny	27	0.5	NE	11:00	11:30	75	53.9	57.1	50.3	
	12-Oct-06	Sunny	31	0.2	N	11:00	11:30	75	53.2	54.6	50.2	
	18-Oct-06	Cloudy	26	1.5	NE	11:10	11:40	75	58.4	60.5	52.4	
	24-Oct-06	Fine	29	0.9	NE	11:30	12:00	75	53.3	55.9	51.0	

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

