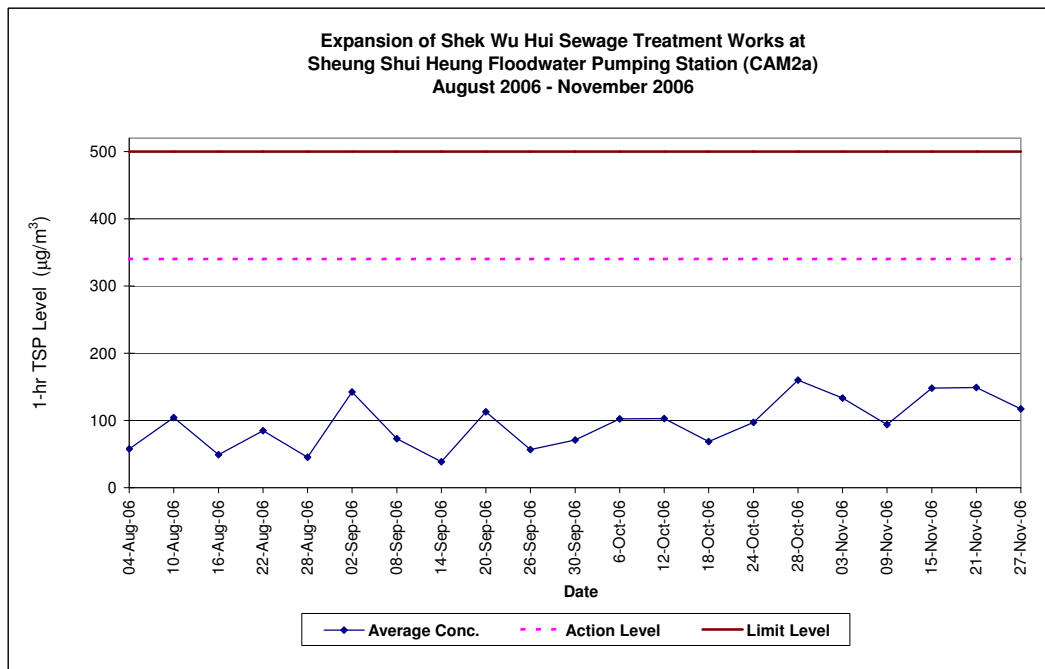
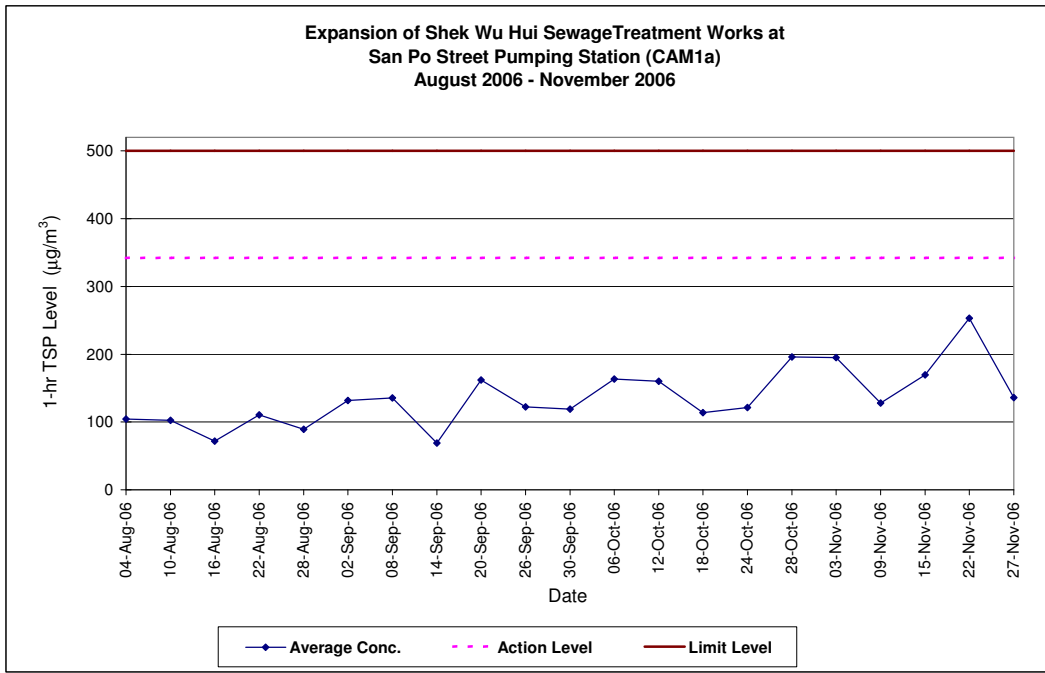


Expansion of Shek Wu Hui Sewage Treatment Works

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	03-Nov-06	Fine	0.6N	25	562913	563014	60.6	33	33	1.07	1.07	1.07	64.74	2.8753	2.8880	0.0127	196.2	194.9	342.7/500	
		Fine	0.6N	25	563014	563113	59.4	33	33	1.07	1.07	1.07	63.46	2.8828	2.8958	0.0130	204.9			
		Fine	0.6N	25	563113	563215	61.2	33	33	1.07	1.07	1.07	65.38	2.8509	2.8629	0.0120	183.5			
	09-Nov-06	Fine	0.1NE	28	565593	565694	60.6	32	32	1.04	1.04	1.04	62.80	2.8449	2.8535	0.0086	137.0			
		Fine	0.1NE	28	565694	565792	58.8	32	32	1.04	1.04	1.04	60.93	2.8589	2.8650	0.0061	100.1			
		Fine	0.1NE	28	565792	565892	60.0	32	32	1.04	1.04	1.04	62.17	2.8473	2.8564	0.0091	146.4			
	15-Nov-06	Cloudy	1.8NE	24	568288	568384	57.6	32	32	1.11	1.11	1.11	64.03	2.8706	2.8816	0.0110	171.8			
		Cloudy	1.8NE	24	568384	568480	57.6	32	32	1.11	1.11	1.11	64.03	2.8705	2.8797	0.0092	143.7			
		Cloudy	1.8NE	24	568480	568575	57.0	32	32	1.11	1.11	1.11	63.36	2.8504	2.8626	0.0122	192.5			
	22-Nov-06	Cloudy	0.6NW	23	573550	573641	54.6	33	33	1.15	1.15	1.15	62.62	2.8903	2.9099	0.0196	313.0			
		Cloudy	0.6NW	23	573641	573740	59.4	33	33	1.15	1.15	1.15	68.13	2.8650	2.8770	0.0120	176.1			
		Cloudy	0.6NW	23	573740	573837	58.2	33	33	1.15	1.15	1.15	66.75	2.8793	2.8973	0.0180	269.7			
	27-Nov-06	Cloudy	1.8NE	23	573825	573920	57.0	33	33	1.15	1.15	1.15	65.37	2.8159	2.8248	0.0089	136.1			
		Cloudy	1.8NE	23	573920	574018	58.8	32	32	1.11	1.11	1.11	65.36	2.8187	2.8267	0.0080	122.4			
		Cloudy	1.8NE	23	574018	574119	60.6	33	32	1.15	1.11	1.13	68.43	2.8304	2.8406	0.0102	149.0			
Sheung Shui Heung Floodwater Pumping Station CAM2a	03-Nov-06	Fine	0.9N	25	452727	452826	59.4	40	40	1.29	1.29	1.29	76.38	2.8650	2.8759	0.0109	142.7	133.5	340/500	
		Fine	0.9N	25	452826	452924	58.8	40	40	1.29	1.29	1.29	75.61	2.8768	2.8862	0.0094	124.3			
		Fine	0.9N	25	452924	453024	60.0	40	40	1.29	1.29	1.29	77.15	2.8756	2.8859	0.0103	133.5			
	09-Nov-06	Fine	0.3NE	28	455421	455522	60.6	40	40	1.29	1.29	1.29	77.92	2.8662	2.8739	0.0077	98.8			
		Fine	0.3NE	28	455522	455619	58.2	40	40	1.29	1.29	1.29	74.84	2.8589	2.8649	0.0060	80.2			
		Fine	0.3NE	28	455619	455720	60.6	40	40	1.29	1.29	1.29	77.92	2.8466	2.8546	0.0080	102.7			
	15-Nov-06	Cloudy	1.8NE	24	458107	458208	60.6	40	40	1.31	1.31	1.31	79.17	2.8774	2.8904	0.0130	164.2			
		Cloudy	1.8NE	24	458208	458306	58.8	40	40	1.31	1.31	1.31	76.82	2.8652	2.8751	0.0099	128.9			
		Cloudy	1.8NE	24	458306	458406	60.0	40	40	1.31	1.31	1.31	78.39	2.8831	2.8949	0.0118	150.5			
	21-Nov-06	Cloudy	0.8NW	23	460817	460914	58.2	40	40	1.31	1.31	1.31	76.04	2.8686	2.8753	0.0067	88.1			
		Cloudy	0.8NW	23	460914	461011	58.2	40	40	1.31	1.31	1.31	76.04	2.8693	2.8796	0.0103	135.5			
		Cloudy	0.8NW	23	461011	461111	60.0	40	40	1.31	1.31	1.31	78.39	2.8866	2.9041	0.0175	223.2			
	27-Nov-06	Cloudy	1.9NE	23	463470	463567	58.2	40	40	1.31	1.31	1.31	76.04	2.8385	2.8467	0.0082	107.8			
		Cloudy	1.9NE	23	463567	463667	60.0	40	40	1.31	1.31	1.31	78.39	2.8422	2.8513	0.0091	116.1			
		Cloudy	1.9NE	23	463667	463768	60.6	40	40	1.31	1.31	1.31	79.17	2.8347	2.8448	0.0101	127.6			

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

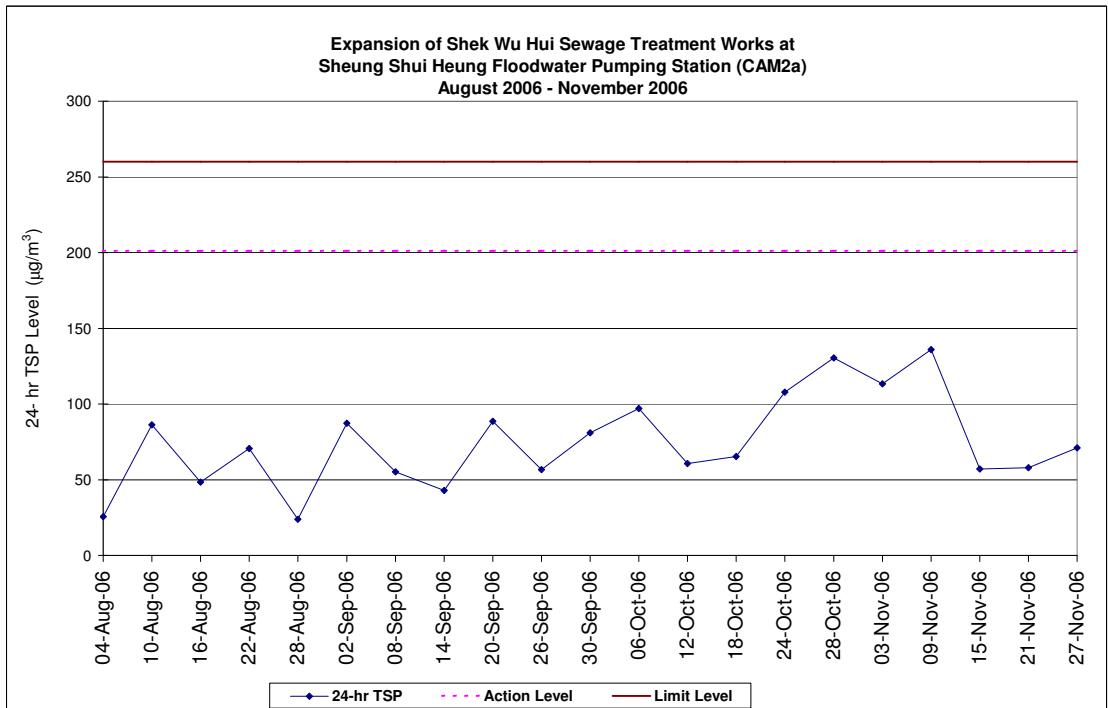
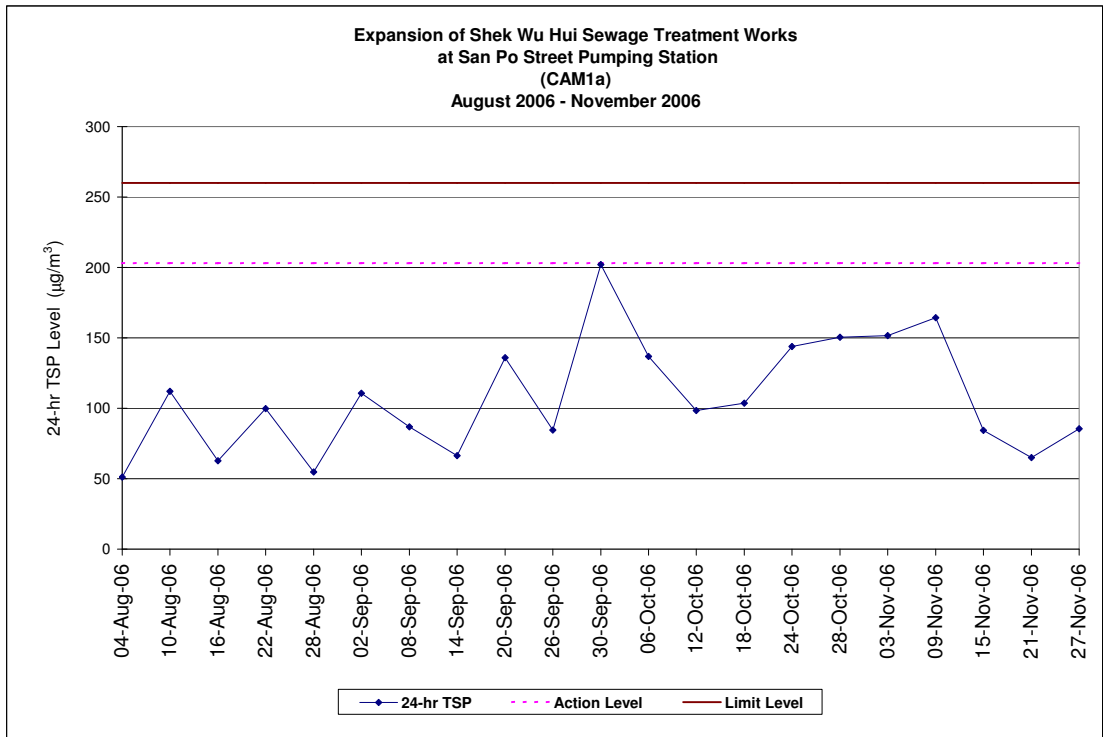


Expansion of Shek Wu Hui Sewage Treatment Works

Air Quality Impact Monitoring Results (24-Hour TSP)

Location	Monitoring Date	Weather Conditions	Wind Speed with Direction (m/s)	Temp (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	03-Nov-06	Fine	0.6N	25	761.2	563215	565592	1426.2	33	33	1.07	1.07	1.07	1523.65	2.8619	3.0929	0.231	151.6	203/260	
	09-Nov-06	Fine	0.1NE	28	764.7	565892	568275	1429.8	32	32	1.04	1.04	1.04	1481.63	2.8954	3.1390	0.2436	164.4		
	15-Nov-06	Cloudy	1.8NE	24	763.9	568575	570971	1437.6	32	32	1.11	1.11	1.11	1598.10	2.8757	3.0104	0.1347	84.3		
	21-Nov-06	Cloudy	0.6NW	23	761.5	571089	573530	1464.6	33	33	1.15	1.15	1.15	1679.77	2.8807	2.9899	0.1092	65.0		
	27-Nov-06	Cloudy	1.8NE	23	758.9	574119	576517	1438.8	33	33	1.15	1.15	1.15	1650.18	2.8814	3.0225	0.1411	85.5		
Sheung Shui Heung Floodwater Pumping Station CAM2a	03-Nov-06	Fine	0.9N	25	761.2	453024	455421	1438.2	40	40	1.29	1.29	1.29	1849.32	2.8440	3.0537	0.2097	113.4	201/260	
	09-Nov-06	Fine	0.3NE	28	764.7	455720	458107	1432.2	40	40	1.29	1.29	1.29	1841.60	2.8565	3.1068	0.2503	135.9		
	15-Nov-06	Cloudy	1.8NE	24	763.9	458422	460817	1437	40	40	1.31	1.31	1.31	1877.40	2.8760	2.9830	0.107	57.0		
	21-Nov-06	Cloudy	0.8NW	23	761.5	461111	463470	1415.4	40	40	1.31	1.31	1.31	1849.18	2.8610	2.9682	0.1072	58.0		
	27-Nov-06	Cloudy	1.9NE	23	758.9	463768	466166	1438.8	40	40	1.31	1.31	1.31	1879.76	2.8373	2.971	0.1337	71.1		

\*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	03-Nov-06	Fine	25	0.6	N	10:10	10:40	75	57.9	60.1	55.2	
	09-Nov-06	Fine	28	0.1	NE	10:15	10:45	75	58.2	60.1	55.3	
	15-Nov-06	Cloudy	24	1.8	NE	10:50	11:20	75	58.2	60.1	55.3	
	21-Nov-06	Cloudy	23	0.6	NW	10:00	10:30	75	60.1	62.3	58.2	
	27-Nov-06	Cloudy	23	1.8	NE	10:00	10:30	75	58.5	60.5	55.5	
Temporary Domestic Structure NM2	03-Nov-06	Fine	25	0.9	N	11:25	11:55	75	53.2	55.7	49.5	
	09-Nov-06	Fine	28	0.3	NE	11:20	11:50	75	52.5	55.0	48.8	
	15-Nov-06	Cloudy	24	1.8	NE	13:00	13:30	75	52.8	55.5	50.4	
	21-Nov-06	Cloudy	23	0.8	NW	11:00	11:30	75	51.6	54.7	49.4	
	27-Nov-06	Cloudy	23	1.9	NE	11:00	11:30	75	53.4	57.0	50.2	

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

