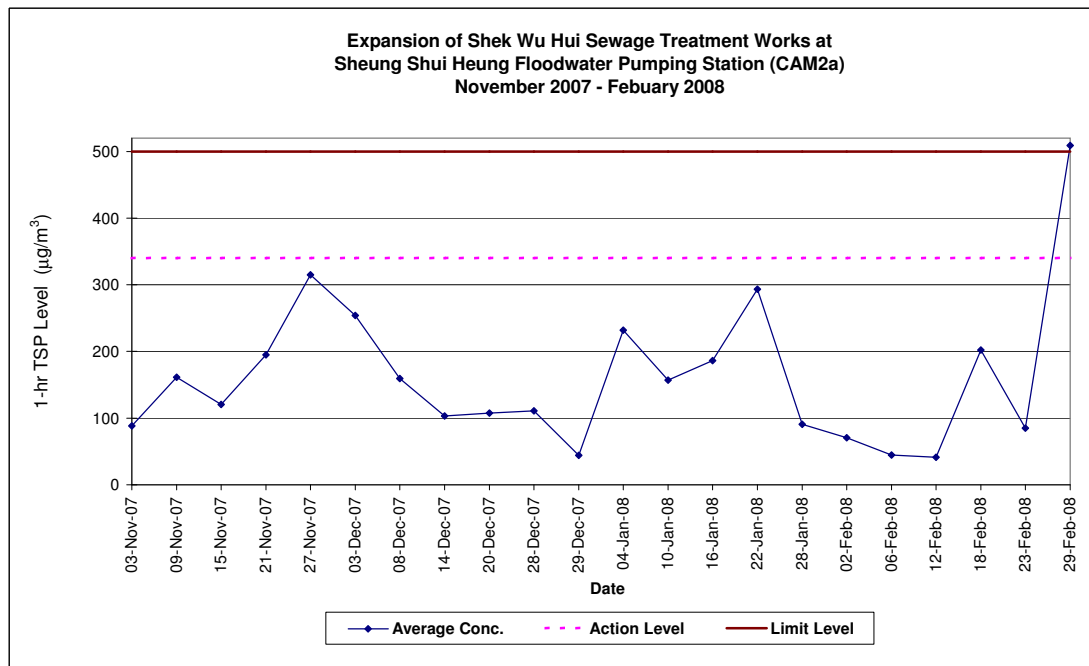
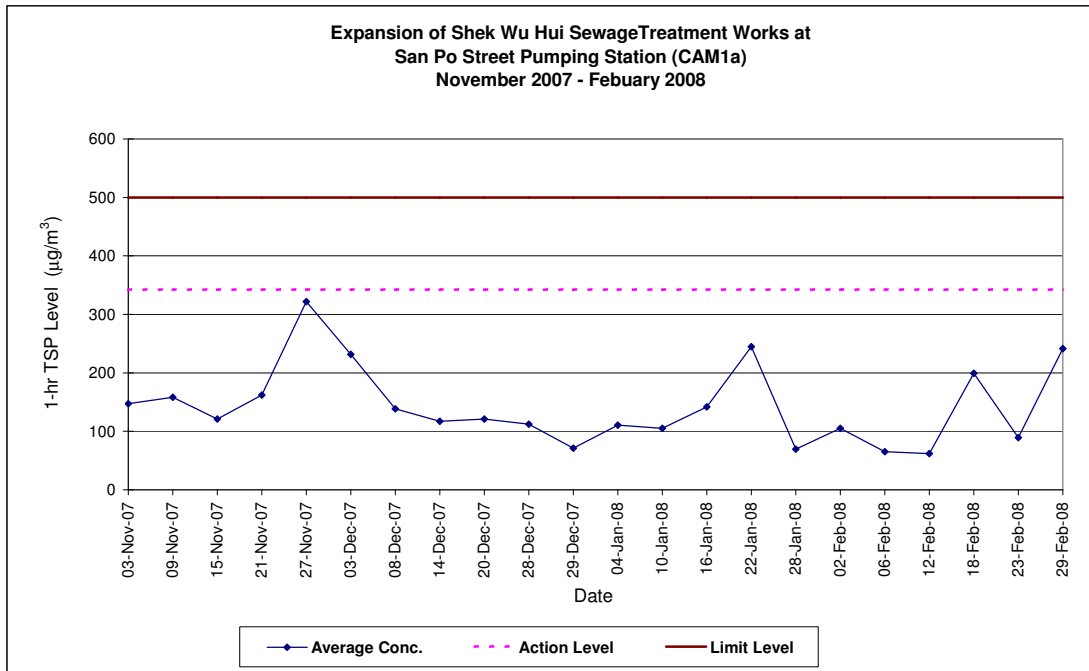


Expansion of Shek Wu Hui Sewage Treatment Works

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	02-Feb-08	Cloudy	0.3N	12	555395	555493	58.8	43	43	1.09	1.09	1.09	64.33	2.7947	2.8032	0.0085	132.1	105.0	342.7/500	
		Cloudy	0.3N	12	555493	555590	58.2	43	43	1.09	1.09	1.09	63.67	2.7880	2.7925	0.0045	70.7			
		Cloudy	0.3N	12	555590	555689	59.4	43	43	1.09	1.09	1.09	64.98	2.7745	2.7818	0.0073	112.3			
	06-Feb-08	Cloudy	0.7NE	11	557903	558000	58.2	42	42	1.07	1.07	1.07	62.34	2.7687	2.7770	0.0083	133.1	65.0		
		Cloudy	0.7NE	11	558000	558098	58.8	42	42	1.07	1.07	1.07	62.98	2.7918	2.7938	0.0020	31.8			
		Cloudy	0.7NE	11	558098	558196	58.8	42	42	1.07	1.07	1.07	62.98	2.7848	2.7867	0.0019	30.2			
	12-Feb-08	Cloudy	0.1E	10	560576	560675	59.4	42	42	1.07	1.07	1.07	63.63	2.7904	2.7928	0.0024	37.7	62.1		
		Cloudy	0.1E	10	560675	560772	58.2	42	42	1.07	1.07	1.07	62.34	2.7904	2.7961	0.0057	91.4			
		Cloudy	0.1E	10	560772	560870	58.8	42	42	1.07	1.07	1.07	62.98	2.7808	2.7844	0.0036	57.2			
	18-Feb-08	Fine	0.9NE	15	563237	563332	57.0	45	45	1.14	1.14	1.14	64.97	2.7701	2.7832	0.0131	201.6	199.1		
		Fine	0.9NE	15	563332	563426	56.4	45	45	1.14	1.14	1.14	64.28	2.7859	2.7988	0.0129	200.7			
		Fine	0.9NE	15	563426	563534	64.8	45	45	1.14	1.14	1.14	73.86	2.7651	2.7795	0.0144	195.0			
	23-Feb-08	Cloudy	1.1N	14	565934	566027	55.8	45	45	1.14	1.14	1.14	63.60	2.7988	2.8068	0.0080	125.8	89.1		
		Cloudy	1.1N	14	566027	566119	55.2	45	45	1.14	1.14	1.14	62.91	2.7985	2.8043	0.0058	92.2			
		Cloudy	1.1N	14	566119	566217	58.8	45	45	1.14	1.14	1.14	67.02	2.8072	2.8105	0.0033	49.2			
	29-Feb-08	Cloudy	0.6 N	17	568607	568707	60.0	45	45	1.14	1.14	1.14	68.39	2.7745	2.7862	0.0117	171.1	241.3		
		Cloudy	0.6 N	17	568707	568807	60.0	45	45	1.14	1.14	1.14	68.39	2.7903	2.8064	0.0161	235.4			
		Cloudy	0.6 N	17	568807	568907	60.0	45	45	1.14	1.14	1.14	68.39	2.7686	2.7903	0.0217	317.3			
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Feb-08	Cloudy	0.3N	12	658886	658984	58.8	44	44	1.06	1.06	1.06	62.30	2.7726	2.7765	0.0039	62.6	70.6		
		Cloudy	0.3N	12	658984	659080	57.6	44	44	1.06	1.06	1.06	61.02	2.7657	2.7699	0.0042	68.8			
		Cloudy	0.3N	12	659080	659177	58.2	44	45	1.06	1.07	1.07	62.10	2.7959	2.8009	0.0050	80.5			
	06-Feb-08	Cloudy	0.7NE	11	661602	661699	58.2	43	44	1.04	1.06	1.05	61.22	2.7930	2.7978	0.0048	78.4	44.8		
		Cloudy	0.7NE	11	661699	661798	59.4	44	44	1.06	1.06	1.06	62.93	2.8022	2.8049	0.0027	42.9			
		Cloudy	0.7NE	11	661798	661895	58.2	44	44	1.06	1.06	1.06	61.66	2.7796	2.7804	0.0008	13.0			
	12-Feb-08	Cloudy	0.1E	10	664198	664297	59.4	42	42	1.03	1.03	1.03	61.12	2.7853	2.7861	0.0008	13.1	41.2		
		Cloudy	0.1E	10	664297	664398	60.6	42	42	1.03	1.03	1.03	62.36	2.7842	2.7878	0.0036	57.7			
		Cloudy	0.1E	10	664398	664496	58.8	42	42	1.03	1.03	1.03	60.51	2.7850	2.7882	0.0032	52.9			
	18-Feb-08	Fine	1NE	15	666862	666962	60.0	30	30	0.85	0.85	0.85	50.78	2.7851	2.7967	0.0116	228.4	202.3		
		Fine	1NE	15	666962	667054	55.2	30	30	0.85	0.85	0.85	46.72	2.7624	2.7708	0.0084	179.8			
		Fine	1NE	15	667054	667161	64.2	30	30	0.85	0.85	0.85	54.33	2.7824	2.7932	0.0108	198.8			
	23-Feb-08	Cloudy	0.9N	14	669654	669654	59.4	30	30	0.85	0.85	0.85	50.27	2.8306	2.8358	0.0052	103.4	84.9		
		Cloudy	0.9N	14	669654	669751	58.2	30	30	0.85	0.85	0.85	49.26	2.7746	2.7792	0.0046	93.4			
		Cloudy	0.9N	14	669751	669843	55.2	30	30	0.85	0.85	0.85	46.72	2.8310	2.8337	0.0027	57.8			
	29-Feb-08	Cloudy	0.6N	17	672235	672335	60.0	42	42	1.03	1.03	1.03	61.74	2.795	2.8505	0.0555	898.9	509.1		
		Cloudy	0.6N	17	672335	672435	60.0	42	42	1.03	1.03	1.03	61.74	2.7732	2.7935	0.0203	328.8			
		Cloudy	0.6N	17	672435	672535	60.0	42	42	1.03	1.03	1.03	61.74	2.7484	2.7669	0.0185	299.6			

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

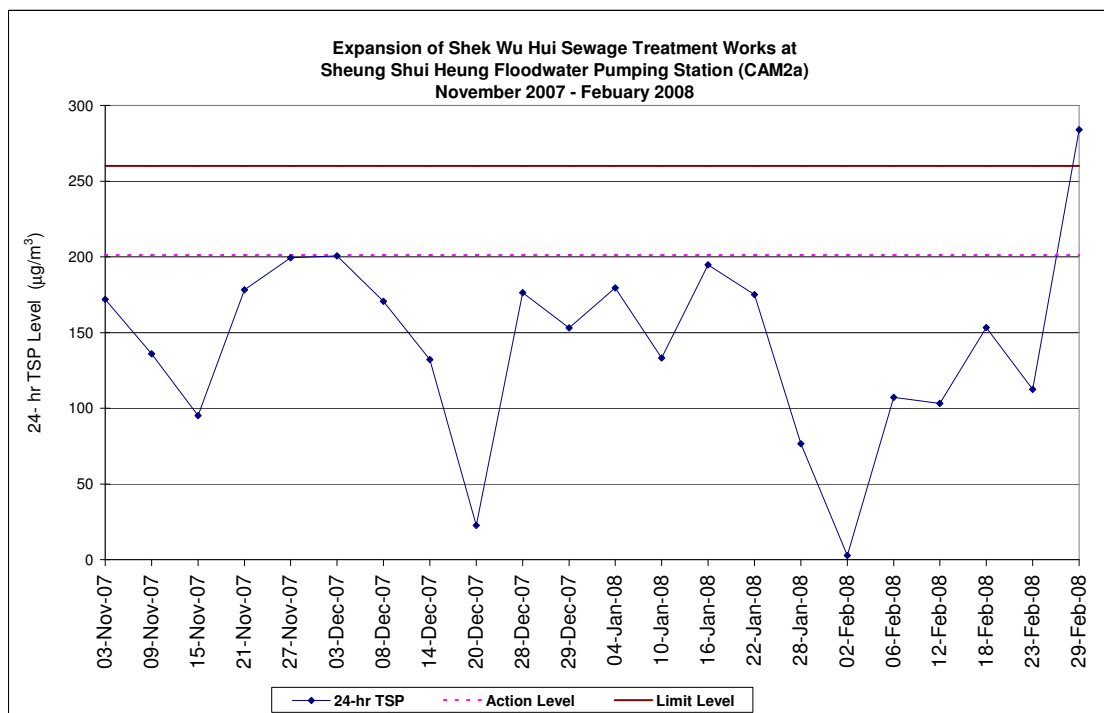
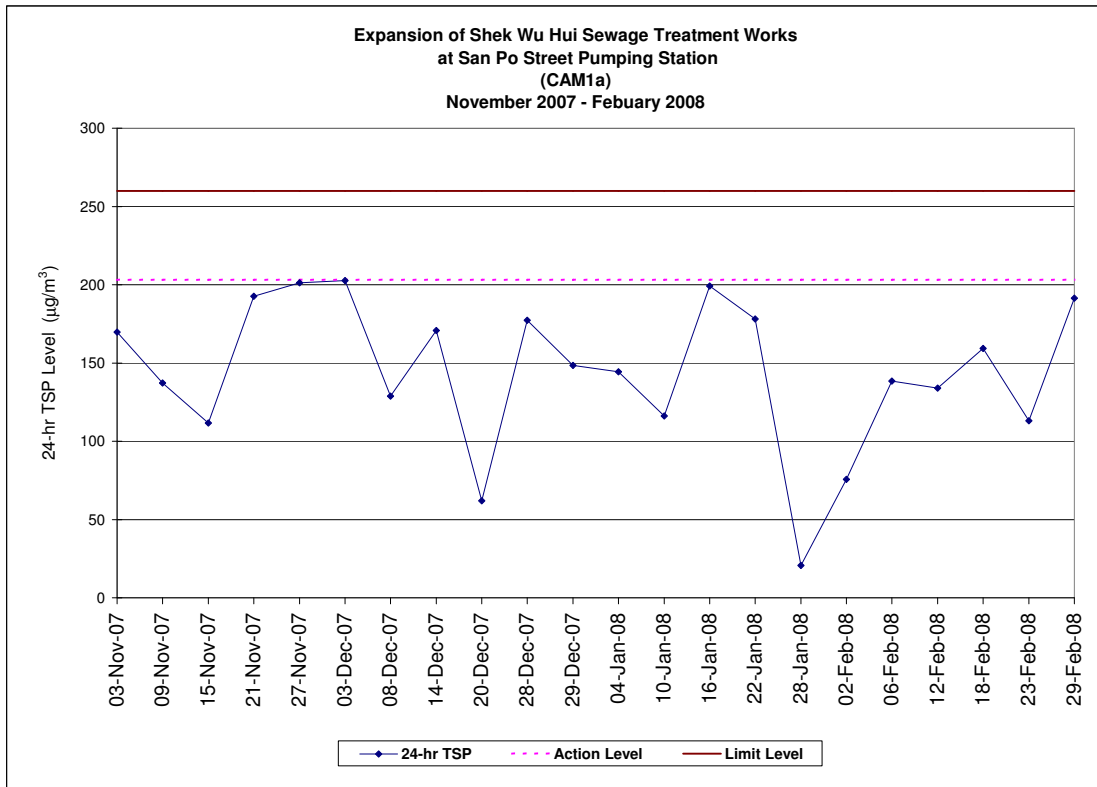


Expansion of Shek Wu Hui Sewage Treatment Works

Air Quality Impact Monitoring Results (24-Hour TSP)

Location	Monitoring Date	Weather Conditions	Wind Speed with Direction (m/s)	Temp (°C)	Pressure (mmHg)	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)	24-hr TSP (ug/m³)	Action/Limit Levels (ug/m³)	Remark
San Po Street Pumping Station CAM1a	02-Feb-08	Cloudy	0.3N	12	745.9	555689	557903	1328.4	43	43	1.09	1.09	1.09	1453.30	2.8102	2.9202	0.1100	75.7	203/260	
	06-Feb-08	Cloudy	0.7NE	11	760.5	558196	560576	1428	42	42	1.07	1.07	1.07	1529.61	2.7945	3.0062	0.2117	138.4		
	12-Feb-08	Cloudy	0.1E	10	749.9	560870	563237	1420.2	42	42	1.07	1.07	1.07	1521.26	2.7714	2.9753	0.2039	134.0		
	18-Feb-08	Fine	0.9NE	15	768.5	563534	565934	1440	45	45	1.14	1.14	1.14	1641.25	2.7906	3.0520	0.2614	159.3		
	23-Feb-08	Cloudy	1.1N	14	763.6	566217	568607	1434	45	45	1.14	1.14	1.14	1634.41	2.7420	2.9268	0.1848	113.1		
	29-Feb-08	Cloudy	0.6 N	17	763.7	568907	571284	1426.2	45	45	1.14	1.14	1.14	1625.52	2.7877	3.099	0.3113	191.5		
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Feb-08	Cloudy	0.3N	12	745.9	659177	661602	1455	44	44	1.06	1.06	1.06	1541.49	2.8448	2.8489	0.0041	2.7	201/260	
	06-Feb-08	Cloudy	0.7NE	11	760.5	661895	664198	1381.8	43	43	1.04	1.04	1.04	1442.91	2.7948	2.9495	0.1547	107.2		
	12-Feb-08	Cloudy	0.1E	10	749.9	664496	666862	1419.6	42	42	1.03	1.03	1.03	1460.77	2.7839	2.9347	0.1508	103.2		
	18-Feb-08	Fine	1NE	15	768.5	667161	669555	1436.4	30	30	0.85	0.85	0.85	1215.66	2.7485	2.9349	0.1864	153.3		
	23-Feb-08	Cloudy	0.9N	14	763.6	669843	672235	1435.2	30	30	0.85	0.85	0.85	1214.65	2.7735	2.9102	0.1367	112.5		
	29-Feb-08	Cloudy	0.6N	17	763.7	672535	674917	1429.2	42	41	1.03	1.01	1.02	1459.77	2.7757	3.1901	0.4144	283.9		Soil handling works for construction of planter in pumping station was observed during monitoring.

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	02-Feb-08	Cloudy	12	0.4	N	10:20	10:50	75	58.8	61.8	54.5	
	06-Feb-08	Cloudy	11	0.7	NE	10:20	10:50	75	61.1	62.9	57.4	
	12-Feb-08	Cloudy	10	0.6	NE	09:30	10:00	75	58.7	61.2	56.4	
	18-Feb-08	Fine	15	0.9	NE	09:30	10:00	75	60.3	63.4	57.2	
	23-Feb-08	Cloudy	14	1.1	N	09:30	10:00	75	58.9	61.8	54.2	
	29-Feb-08	Cloudy	17	0.6	N	10:00	10:30	75	61.0	63.3	57.2	
Temporary Domestic Structure NM2	02-Feb-08	Cloudy	10	0.6	N	11:20	11:50	75	54.8	57.6	50.7	
	06-Feb-08	Cloudy	12	1.2	NE	11:20	11:50	75	53.3	56.9	50.3	
	12-Feb-08	Cloudy	16	1.9	E	10:30	11:00	75	53.9	57.0	51.6	
	18-Feb-08	Fine	15	1.3	NE	10:30	11:00	75	53.6	56.9	51.3	
	23-Feb-08	Cloudy	14	1.2	N	10:30	11:00	75	53.1	56.9	50.6	
	29-Feb-08	Cloudy	17	0.8	N	11:00	11:30	75	53.4	57.2	51.8	

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

