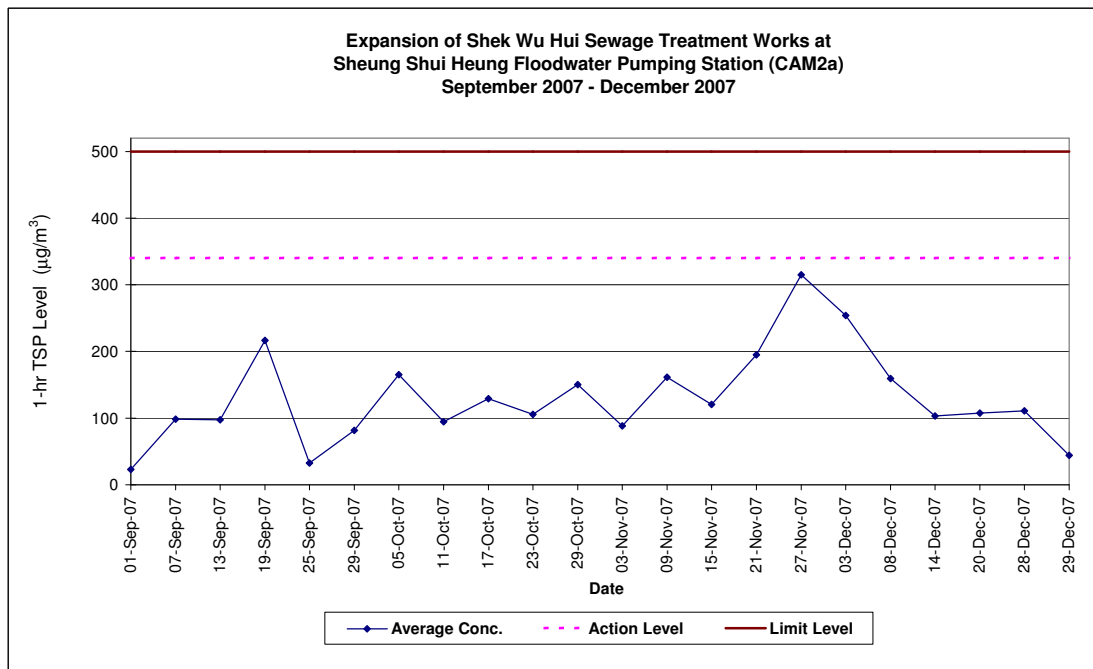
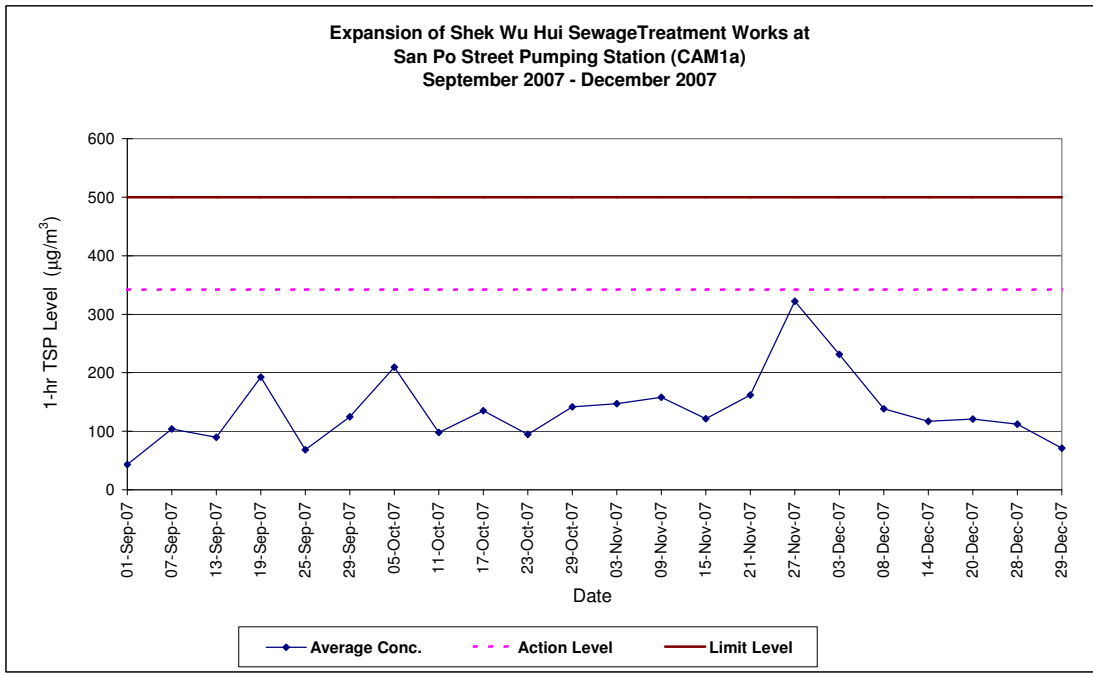


Expansion of Shek Wu Hui Sewage Treatment Works

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	03-Dec-07	Fine	0.6N	25	528156	528255	59.4	45	45	1.14	1.14	1.14	67.49	2.7815	2.8022	0.0207	306.7	231.6	342.7/500			
		Fine	0.6N	25	528255	528354	59.4	45	45	1.14	1.14	1.14	67.49	2.7923	2.8044	0.0121	179.3					
		Fine	0.6N	25	528354	528451	58.2	45	45	1.14	1.14	1.14	66.13	2.7831	2.7969	0.0138	208.7					
	08-Dec-07	Cloudy	0.1NE	24	530896	530990	56.4	44	43	1.11	1.09	1.10	62.18	2.7559	2.7645	0.0086	138.3	138.5				
		Cloudy	0.1NE	24	530990	531084	56.4	44	44	1.11	1.11	1.11	62.82	2.7268	2.7340	0.0072	114.6					
		Cloudy	0.1NE	24	531084	531177	55.8	44	44	1.11	1.11	1.11	62.15	2.7901	2.8002	0.0101	162.5					
	14-Dec-07	Fine	1.8NE	23	533496	533591	57.0	42	42	1.07	1.07	1.07	60.92	2.7630	2.7682	0.0052	85.4	117.1				
		Fine	1.8NE	23	533591	533685	56.4	42	42	1.07	1.07	1.07	60.28	2.7718	2.7817	0.0099	164.2					
		Fine	1.8NE	23	533685	533780	57.0	42	42	1.07	1.07	1.07	60.92	2.8023	2.8085	0.0062	101.8					
	20-Dec-07	Fine	0.6NW	23	534710	534806	57.6	42	42	1.07	1.07	1.07	61.56	2.7549	2.7668	0.0119	193.3	120.7				
		Fine	0.6NW	23	534806	534904	58.8	42	42	1.07	1.07	1.07	62.84	2.7713	2.7765	0.0052	82.7					
		Fine	0.6NW	23	534904	535000	57.6	42	42	1.07	1.07	1.07	61.56	2.7827	2.7880	0.0053	86.1					
	24-Dec-07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	Due to motor failure, no monitoring could be carried out. Monitoring was then carried out on 28 Dec 07.
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	28-Dec-07	Fine	0.4NE	21	537380	537477	58.2	44	44	1.11	1.11	1.11	64.82	2.7972	2.8073	0.0101	155.8	112.0				
		Fine	0.4NE	21	537477	537572	57.0	44	44	1.11	1.11	1.11	63.48	2.8045	2.8095	0.0050	78.8					
		Fine	0.4NE	21	537572	537668	57.6	44	44	1.11	1.11	1.11	64.15	2.7478	2.7543	0.0065	101.3					
	29-Dec-07	Fine	0.5NE	22	539882	540080	58.8	44	44	1.11	1.11	1.11	65.49	2.7731	2.7776	0.0045	68.7	71.0				
		Fine	0.5NE	22	540080	540176	57.6	44	44	1.11	1.11	1.11	64.15	2.7647	2.7686	0.0039	60.8					
Fine		0.5NE	22	540176	540271	57.0	44	44	1.11	1.11	1.11	63.48	2.7414	2.7467	0.0053	83.5						
Sheung Shui Heung Floodwater Pumping Station CAM2a	03-Dec-07	Fine	0.9N	25	633212	633310	58.8	45	45	1.06	1.06	1.06	62.18	2.747	2.7664	0.0194	312.0	253.8				
		Fine	0.9N	25	633310	633408	58.8	45	45	1.06	1.06	1.06	62.18	2.7819	2.7949	0.0130	209.1					
		Fine	0.9N	25	633408	633507	59.4	45	45	1.06	1.06	1.06	62.81	2.8089	2.8240	0.0151	240.4					
	08-Dec-07	Cloudy	0.3NE	24	635923	636017	56.4	45	45	1.06	1.06	1.06	59.64	2.7637	2.7724	0.0087	145.9	159.3				
		Cloudy	0.3NE	24	636017	636110	55.8	45	45	1.06	1.06	1.06	59.00	2.7835	2.7927	0.0092	155.9					
		Cloudy	0.3NE	24	636110	636204	56.4	45	45	1.06	1.06	1.06	59.64	2.8027	2.8132	0.0105	176.1					
	14-Dec-07	Fine	1.8NE	23	638560	638655	57.0	40	40	0.99	0.99	0.99	56.15	2.8013	2.8067	0.0054	96.2	103.3				
		Fine	1.8NE	23	638655	638750	57.0	40	40	0.99	0.99	0.99	56.15	2.7729	2.7798	0.0069	122.9					
		Fine	1.8NE	23	638750	638843	55.8	40	40	0.99	0.99	0.99	54.96	2.7598	2.7648	0.0050	91.0					
	20-Dec-07	Fine	0.8NW	23	641188	641285	58.2	40	40	0.99	0.99	0.99	57.33	2.7557	2.7638	0.0081	141.3	107.4				
		Fine	0.8NW	23	641285	641380	57.0	40	40	0.99	0.99	0.99	56.15	2.7666	2.7721	0.0055	98.0					
		Fine	0.8NW	23	641380	641478	58.8	40	40	0.99	0.99	0.99	57.92	2.7935	2.7983	0.0048	82.9					
	28-Dec-07	Fine	0.3NE	21	643809	643905	57.6	42	42	1.01	1.01	1.01	58.41	2.7517	2.7595	0.0078	133.5	110.8				
		Fine	0.3NE	21	643905	644002	58.2	42	42	1.01	1.01	1.01	59.01	2.7330	2.7390	0.0060	101.7					
		Fine	0.3NE	21	644002	644100	58.8	42	42	1.01	1.01	1.01	59.62	2.7605	2.7663	0.0058	97.3					
	29-Dec-07	Fine	0.2NE	22	646486	646582	57.6	42	42	1.01	1.01	1.01	58.41	2.7531	2.7537	0.0006	10.3	44.0				
		Fine	0.2NE	22	646582	646678	57.6	42	42	1.01	1.01	1.01	58.41	2.7502	2.7528	0.0026	44.5					
		Fine	0.2NE	22	646678	646780	61.2	42	42	1.01	1.01	1.01	62.06	2.7527	2.7575	0.0048	77.4					

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

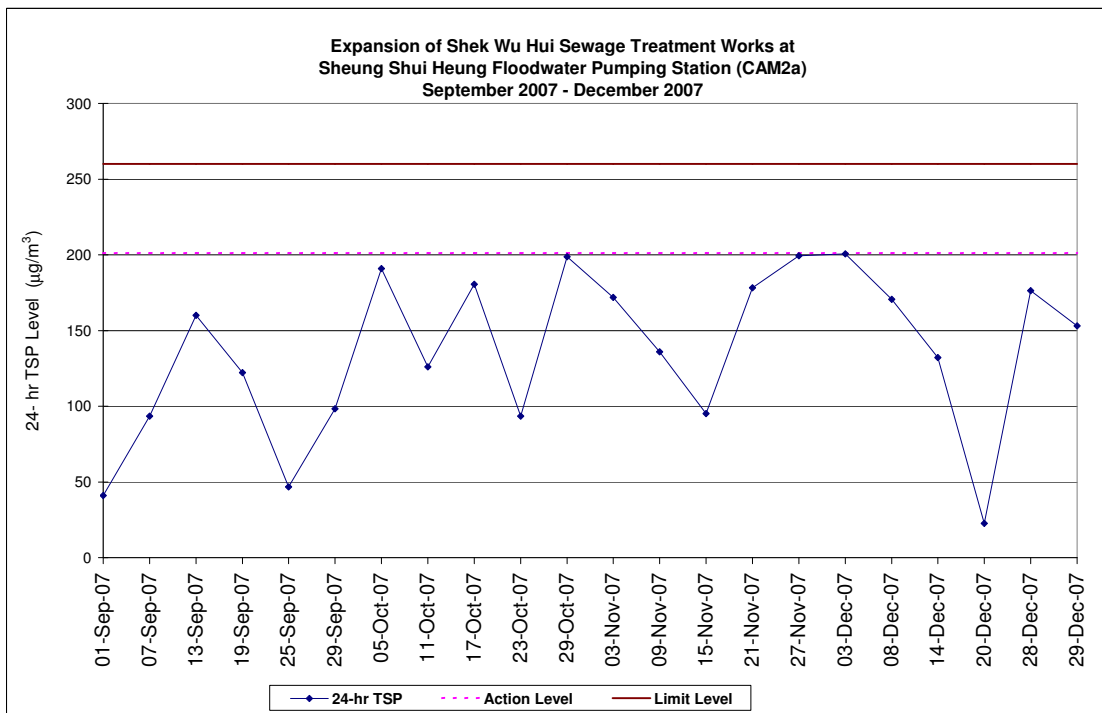
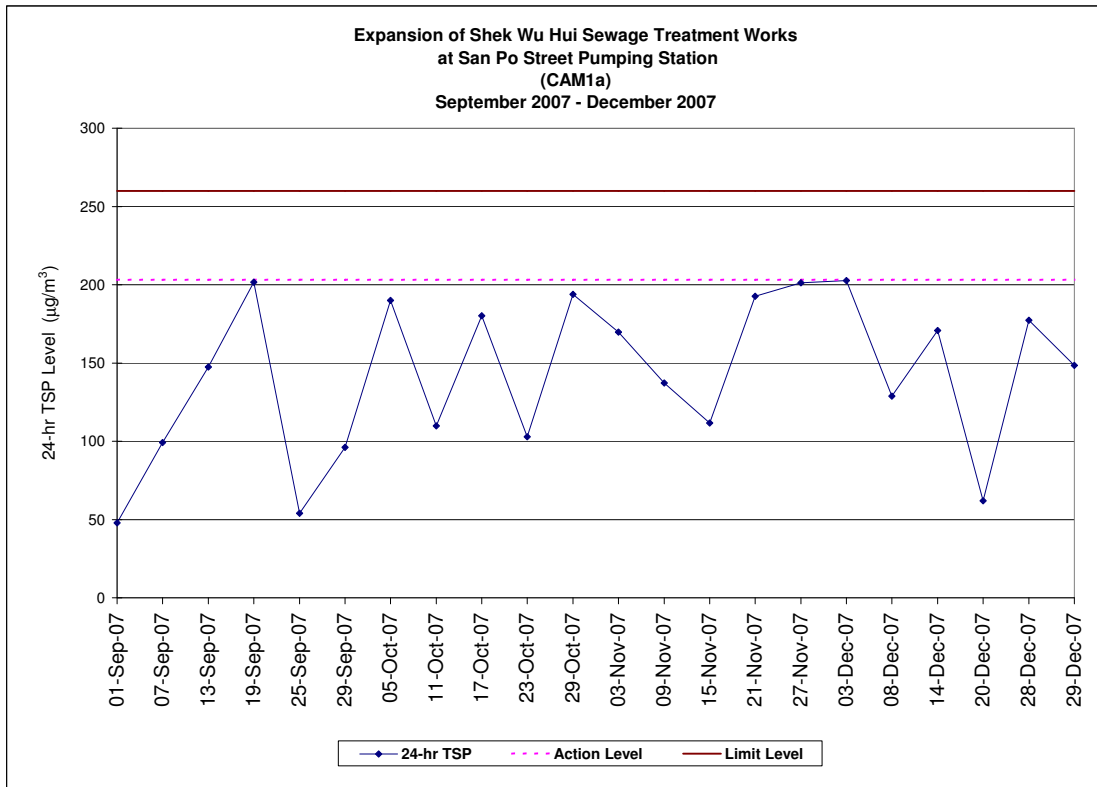


Expansion of Shek Wu Hui Sewage Treatment Works

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 (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	03-Dec-07	Fine	0.6N	25	759.3	528451	530896	1467	46	45	1.16	1.14	1.15	1683.36	2.7617	3.1027	0.3410	202.6	203/260		
	08-Dec-07	Cloudy	0.1NE	24	756.9	531177	533496	1391.4	43	43	1.09	1.09	1.09	1518.36	2.7901	2.9856	0.1955	128.8			
	14-Dec-07	Fine	1.8NE	23	754.5	533780	534710	558	42	42	1.07	1.07	1.07	596.36	2.7833	2.8851	0.1018	170.7		Due to power failure, only 10 hours TSP was obtained	
	20-Dec-07	Fine	0.6NW	23	750.9	535000	537380	1428	43	43	1.09	1.09	1.09	1558.30	2.7960	2.8927	0.0967	62.1			
	24-Dec-07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	Due to motor failure, no monitoring could be carried out. Monitoring was then carried out on 28 Dec 07.
	28-Dec-07	Fine	0.4NE	21	751.9	537668	539982	1388.4	44	44	1.11	1.11	1.11	1546.32	2.7860	3.0402	0.2742	177.3			
29-Dec-07	Fine	0.5NE	22	753.6	540271	542646	1425	44	44	1.11	1.11	1.11	1587.09	2.7446	2.9801	0.2355	148.4				
Sheung Shui Heung Floodwater Pumping Station CAM2a	03-Dec-07	Fine	0.9N	25	759.3	633507	635923	1449.6	46	46	1.07	1.07	1.07	1553.85	2.8228	3.1344	0.3116	200.5	201/260		
	08-Dec-07	Cloudy	0.3NE	24	756.9	636204	638560	1413.6	40	40	0.99	0.99	0.99	1392.41	2.7528	2.9903	0.2375	170.6			
	14-Dec-07	Fine	1.8NE	23	754.5	638843	641188	1407	39	39	0.97	0.97	0.97	1365.53	2.7830	2.9633	0.1803	132.0			
	20-Dec-07	Fine	0.8NW	23	750.9	641478	643809	1398.6	39	39	0.97	0.97	0.97	1357.37	2.8048	2.8356	0.0308	22.7			
	28-Dec-07	Fine	0.3NE	21	751.9	644100	646486	1431.6	42	42	1.01	1.01	1.01	1451.61	2.7424	2.9985	0.2561	176.4			
	29-Dec-07	Fine	0.2NE	22	753.6	646780	649215	1461	42	42	1.01	1.01	1.01	1481.42	2.7686	2.9952	0.2266	153.0			

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



Expansion of Shek Wu Hui Sewage Treatment Works

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	03-Dec-07	Fine	25	0.6	N	10:20	10:50	75	63.5	66.5	60.5	
	14-Dec-07	Cloudy	23	1.8	NE	10:20	10:50	75	57.2	59.9	54.0	
	20-Dec-07	Fine	23	0.6	NW	09:30	10:00	75	59.2	61.3	54.3	
	28-Dec-07	Fine	21	0.1	E	09:30	10:00	75	60.2	62.3	55.1	
Temporary Domestic Structure NM2	03-Dec-07	Cloudy	23	0.9	N	11:20	11:50	75	53.6	54.8	50.5	
	14-Dec-07	Cloudy	20	1.8	NE	11:20	11:50	75	53.8	55.8	51.0	
	20-Dec-07	Fine	18	0.8	NW	10:30	11:00	75	53.6	56.0	50.0	
	28-Dec-07	Cloudy	20	0.2	E	10:30	11:00	75	53.3	57.0	49.5	

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

