

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	02-Dec-06	Fine	0.2N	23	576530	576629	59.4	32	32	1.11	1.11	1.11	66.03	2.8515	2.8608	0.0093	140.8	125.7	342.7/500			
		Fine	0.2N	23	576629	576725	57.6	32	32	1.11	1.11	1.11	64.03	2.8857	2.8928	0.0071	110.9					
		Fine	0.2N	23	576725	576823	58.8	32	32	1.11	1.11	1.11	65.36	2.8755	2.8837	0.0082	125.4					
	08-Dec-06	Cloudy	0.5NE	20	579226	579320	56.4	32	32	1.11	1.11	1.11	62.70	2.8573	2.8627	0.0054	86.1			76.7		
		Cloudy	0.5NE	20	579320	579420	60.0	32	32	1.11	1.11	1.11	66.70	2.8478	2.8540	0.0062	93.0					
		Cloudy	0.5NE	20	579420	579520	60.0	32	32	1.11	1.11	1.11	66.70	2.8431	2.8465	0.0034	51.0					
	14-Dec-06	Cloudy	0.1E	18	581911	582010	59.4	33	33	1.15	1.15	1.15	68.13	2.8894	2.8911	0.0017	25.0			71.4		
		Cloudy	0.1E	18	582010	582109	59.4	33	33	1.15	1.15	1.15	68.13	2.8775	2.8871	0.0096	140.9					
		Cloudy	0.1E	18	582109	582205	57.6	33	33	1.15	1.15	1.15	66.06	2.8200	2.8232	0.0032	48.4					
	20-Dec-06	Fine	0.8N	20	368110	368205	57.0	41	41	1.43	1.43	1.43	81.46	2.8821	2.8910	0.0089	109.3			95.8		New HVS was used
		Fine	0.8N	20	368205	368300	57.0	41	41	1.43	1.43	1.43	81.46	2.8623	2.8690	0.0067	82.3					
		Fine	0.8N	20	368300	368395	57.0	41	41	1.43	1.43	1.43	81.46	2.8816	2.8894	0.0078	95.8					
	27-Dec-06	Fine	1.0N	20	370779	370876	58.2	41	41	1.43	1.43	1.43	83.17	2.8482	2.8612	0.0130	156.3			160.0		
		Fine	1.0N	20	370876	370975	59.4	41	41	1.43	1.43	1.43	84.89	2.8648	2.8783	0.0135	159.0					
		Fine	1.0N	20	370975	371072	58.2	41	41	1.43	1.43	1.43	83.17	2.8401	2.8538	0.0137	164.7					
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Dec-06	Fine	0.5N	23	466166	466262	57.6	40	40	1.31	1.31	1.31	75.25	2.8896	2.8981	0.0085	113.0	83.2	340/500			
		Fine	0.5N	23	466262	466360	58.8	40	40	1.31	1.31	1.31	76.82	2.8403	2.8475	0.0072	93.7					
		Fine	0.5N	23	466360	466458	58.8	40	40	1.31	1.31	1.31	76.82	2.9189	2.9222	0.0033	43.0					
	08-Dec-06	Cloudy	0.9NE	20	468864	468962	58.8	40	40	1.31	1.31	1.31	76.82	2.8312	2.8369	0.0057	74.2			90.0		
		Cloudy	0.9NE	20	468962	469062	60.0	40	40	1.31	1.31	1.31	78.39	2.8354	2.8422	0.0068	86.7					
		Cloudy	0.9NE	20	469062	469159	58.2	40	40	1.31	1.31	1.31	76.04	2.8441	2.8524	0.0083	109.2					
	14-Dec-06	Cloudy	0.6E	18	471560	471658	58.8	40	40	1.31	1.31	1.31	76.82	2.8782	2.8799	0.0017	22.1			21.7		
		Cloudy	0.6E	18	471658	471755	58.2	40	40	1.31	1.31	1.31	76.04	2.8604	2.8624	0.0020	26.3					
		Cloudy	0.6E	18	471755	471854	59.4	40	40	1.31	1.31	1.31	77.60	2.8847	2.8860	0.0013	16.8					
	20-Dec-06	Fine	1.0N	20	474247	474345	58.8	40	40	1.31	1.31	1.31	76.82	2.8755	2.8839	0.0084	109.3			99.2		
		Fine	1.0N	20	474345	474439	56.4	40	40	1.31	1.31	1.31	73.69	2.8592	2.8670	0.0078	105.9					
		Fine	1.0N	20	474439	474532	55.8	40	40	1.31	1.31	1.31	72.90	2.8583	2.8643	0.0060	82.3					
	27-Dec-06	Fine	1.1N	20	476917	477015	58.8	41	41	1.33	1.33	1.33	78.47	2.8856	2.8964	0.0108	137.6			130.4		
		Fine	1.1N	20	477015	477114	59.4	41	41	1.33	1.33	1.33	79.27	2.8809	2.8909	0.0100	126.2					
		Fine	1.1N	20	477114	477211	58.2	41	41	1.33	1.33	1.33	77.67	2.8661	2.8760	0.0099	127.5					

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 (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-Jan-07	Fine	0.9N	15	373462	373560	58.8	41	41	1.10	1.10	1.10	64.80	2.8854	2.8939	0.0085	131.2	109.0	342.7/500	
		Fine	0.9N	15	373560	373661	60.6	41	41	1.10	1.10	1.10	66.78	2.8681	2.8751	0.0070	104.8			
		Fine	0.9N	15	373661	373759	58.8	41	41	1.10	1.10	1.10	64.80	2.8288	2.8347	0.0059	91.1			
	08-Jan-07	Cloudy	0.3NE	17	376152	376252	60.0	41	41	1.10	1.10	1.10	66.12	2.8357	2.8490	0.0133	201.2	185.9		
		Cloudy	0.3NE	17	376252	376350	58.8	41	41	1.10	1.10	1.10	64.80	2.8199	2.8328	0.0129	199.1			
		Cloudy	0.3NE	17	376350	376447	58.2	41	41	1.10	1.10	1.10	64.14	2.7786	2.7887	0.0101	157.5			
	13-Jan-07	Fine	1.0E	20	378867	378964	58.2	41	41	1.10	1.10	1.10	64.14	2.8634	2.8730	0.0096	149.7	156.2		
		Fine	1.0E	20	378964	379065	60.6	41	41	1.10	1.10	1.10	66.78	2.8356	2.8450	0.0094	140.8			
		Fine	1.0E	20	379065	379166	60.6	41	41	1.10	1.10	1.10	66.78	2.8280	2.8399	0.0119	178.2			
	19-Jan-07	Cloudy	1.1E	15	381566	381666	60.0	34	34	1.00	1.00	1.00	59.73	2.8304	2.8440	0.0136	227.7	196.6		Monitoring station was relocated
		Cloudy	1.1E	15	381666	381763	58.2	35	35	1.01	1.01	1.01	58.82	2.8253	2.8341	0.0088	149.6			
		Cloudy	1.1E	15	381763	381860	58.2	35	35	1.01	1.01	1.01	58.82	2.8367	2.8492	0.0125	212.5			
	25-Jan-07	Fine	0.3NE	15	384258	384352	56.4	41	41	1.10	1.10	1.10	62.15	2.8287	2.8402	0.0115	185.0	188.5		
		Fine	0.3NE	15	384352	384448	57.6	41	41	1.10	1.10	1.10	63.47	2.8409	2.8499	0.0090	141.8			
		Fine	0.3NE	15	384448	384543	57.0	41	41	1.10	1.10	1.10	62.81	2.8658	2.8808	0.0150	238.8			
	31-Jan-07	Fine	0.5NE	17	386926	387027	60.6	45	45	1.16	1.16	1.16	70.47	2.8548	2.8667	0.0119	168.9	175.6		
		Fine	0.5NE	17	387027	387123	57.6	45	45	1.16	1.16	1.16	66.98	2.8274	2.8395	0.0121	180.7			
		Fine	0.5NE	17	387123	387220	58.2	45	45	1.16	1.16	1.16	67.68	2.8408	2.8528	0.0120	177.3			
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Jan-07	Fine	1.1N	15	479602	479699	58.2	40	40	1.31	1.31	1.31	76.04	2.8585	2.8643	0.0058	76.3	47.4	340/500	
		Fine	1.1N	15	479699	479800	60.6	40	40	1.31	1.31	1.31	79.17	2.8276	2.8303	0.0027	34.1			
		Fine	1.1N	15	479800	479896	57.6	40	40	1.31	1.31	1.31	75.25	2.8694	2.8718	0.0024	31.9			
	08-Jan-07	Cloudy	0.8NE	17	482299	482396	58.2	40	40	1.31	1.31	1.31	76.04	2.8065	2.8212	0.0147	193.3	128.6		
		Cloudy	0.8NE	17	482396	482495	59.4	40	40	1.31	1.31	1.31	77.60	2.8579	2.8672	0.0093	119.8			
		Cloudy	0.8NE	17	482495	482595	60.0	40	40	1.31	1.31	1.31	78.39	2.8623	2.8680	0.0057	72.7			
	13-Jan-07	Fine	1.5E	20	484985	485083	58.8	40	40	1.33	1.33	1.33	78.13	2.8269	2.8382	0.0113	144.6	118.5		
		Fine	1.5E	20	485083	485182	59.4	40	40	1.33	1.33	1.33	78.92	2.8560	2.8650	0.0090	114.0			
		Fine	1.5E	20	485182	485283	60.6	40	40	1.33	1.33	1.33	80.52	2.8601	2.8679	0.0078	96.9			
	19-Jan-07	Cloudy	1.6E	15	487655	487755	60.0	38	38	1.27	1.27	1.27	76.37	2.8704	2.8860	0.0156	204.3	164.1		
		Cloudy	1.6E	15	487755	487853	58.8	38	38	1.27	1.27	1.27	74.85	2.8420	2.8530	0.0110	147.0			
		Cloudy	1.6E	15	487853	487955	61.2	38	38	1.27	1.27	1.27	77.90	2.8238	2.8348	0.0110	141.2			
	25-Jan-07	Fine	0.5NE	15	490354	490448	56.4	40	40	1.33	1.33	1.33	74.94	2.8500	2.8604	0.0104	138.8	119.9		
		Fine	0.5NE	15	490448	490542	56.4	40	40	1.33	1.33	1.33	74.94	2.8354	2.8377	0.0023	30.7			
		Fine	0.5NE	15	490542	490637	57.0	40	40	1.33	1.33	1.33	75.73	2.8911	2.9055	0.0144	190.1			
	31-Jan-07	Fine	0.7NE	17	493004	493105	60.6	41	41	1.36	1.36	1.36	82.21	2.8304	2.8399	0.0095	115.6	94.2		
		Fine	0.7NE	17	493105	493201	57.6	41	41	1.36	1.36	1.36	78.14	2.8554	2.8626	0.0072	92.1			
		Fine	0.7NE	17	493201	493311	66.0	41	41	1.36	1.36	1.36	89.53	2.8185	2.8252	0.0067	74.8			

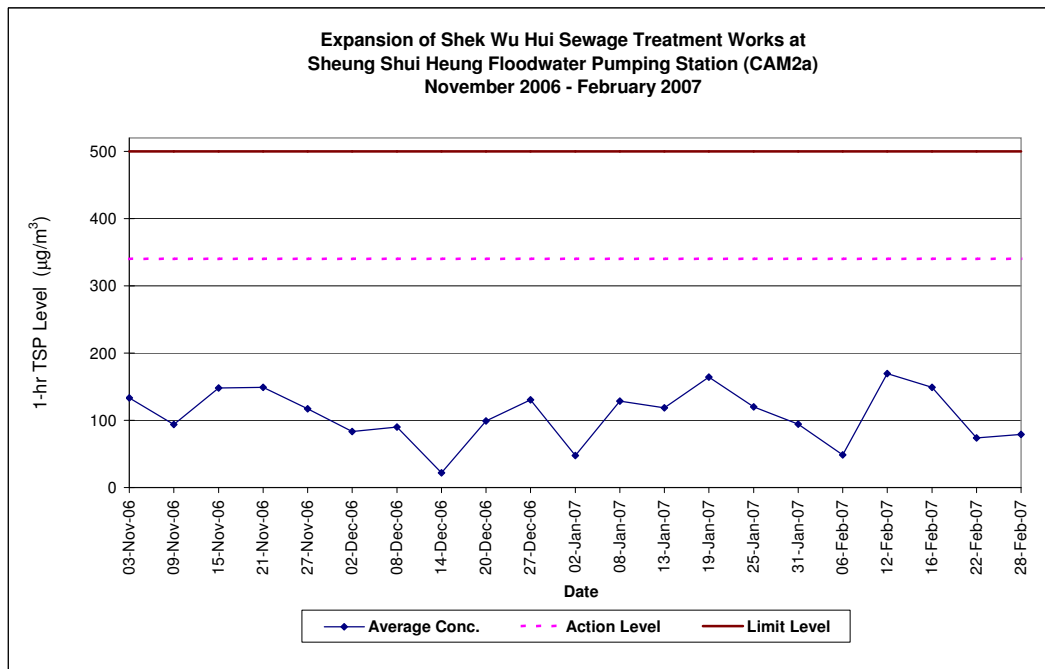
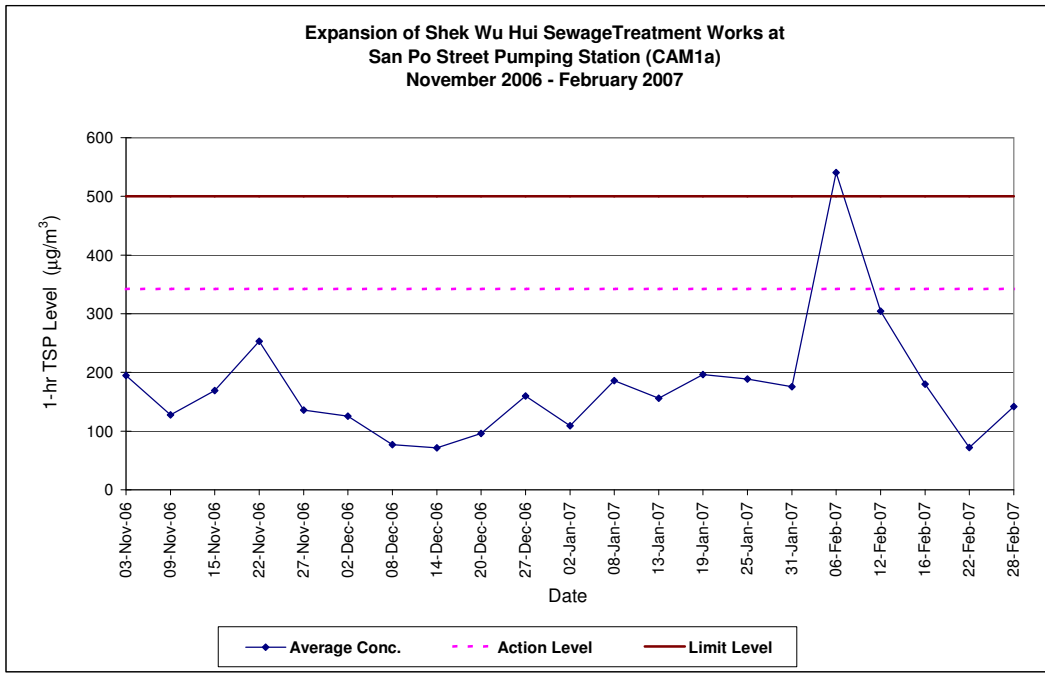
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Expansion of Shek Wu Hui Sewage Treatment Works

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	06-Feb-07	Sunny	0.3N	22	389631	389724	55.8	42	43	1.12	1.13	1.12	62.76	2.8208	2.8542	0.0334	532.2	540.8	342.7/500	
		Sunny	0.3N	22	389724	389820	57.6	43	43	1.13	1.13	1.13	65.23	2.8505	2.8828	0.0323	495.2			
		Sunny	0.3N	22	389820	389915	57.0	43	43	1.13	1.13	1.13	64.55	2.8546	2.8930	0.0384	594.9			
	12-Feb-07	Sunny	0.7NE	21	392294	392390	57.6	43	43	1.13	1.13	1.13	65.23	2.7958	2.8133	0.0175	268.3	304.1		
		Sunny	0.7NE	21	392390	392485	57.0	43	43	1.13	1.13	1.13	64.55	2.7957	2.8152	0.0195	302.1			
		Sunny	0.7NE	21	392485	392584	59.4	43	43	1.13	1.13	1.13	67.27	2.8170	2.8400	0.0230	341.9			
	16-Feb-07	Cloudy	0.1E	18	394921	395020	59.4	40	40	1.09	1.09	1.09	64.55	2.8357	2.8469	0.0112	173.5	180.3		
		Cloudy	0.1E	18	395020	395117	58.2	40	40	1.09	1.09	1.09	63.25	2.8251	2.8355	0.0104	164.4			
		Cloudy	0.1E	18	395117	395213	57.6	40	40	1.09	1.09	1.09	62.60	2.7783	2.7910	0.0127	202.9			
	22-Feb-07	Rainy	1.1NE	17	397602	397700	58.8	42	43	1.12	1.13	1.12	66.14	2.8645	2.8689	0.0044	66.5	71.8		
		Rainy	1.1NE	17	397700	397798	58.8	43	43	1.13	1.13	1.13	66.59	2.8801	2.8853	0.0052	78.1			
		Rainy	1.1NE	17	397798	397900	61.2	43	43	1.13	1.13	1.13	69.30	2.8476	2.8525	0.0049	70.7			
	28-Feb-07	Cloudy	2.0E	20	400295	400393	58.8	40	40	1.00	1.00	1.00	58.55	2.8516	2.8593	0.0077	131.5	142.0		
		Cloudy	2.0E	20	400393	400488	57.0	40	40	1.00	1.00	1.00	56.76	2.8310	2.8369	0.0059	104.0			
		Cloudy	2.0E	20	400488	400589	60.6	40	40	1.00	1.00	1.00	60.34	2.8591	2.8706	0.0115	190.6			
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Feb-07	Sunny	0.6N	22	495724	495824	60.0	40	40	1.31	1.31	1.31	78.39	2.8745	2.8787	0.0042	53.6	48.4		
		Sunny	0.6N	22	495824	495918	56.4	40	40	1.31	1.31	1.31	73.69	2.8483	2.8498	0.0015	20.4			
		Sunny	0.6N	22	495918	496013	57.0	40	40	1.31	1.31	1.31	74.47	2.8478	2.8531	0.0053	71.2			
	12-Feb-07	Sunny	1.0NE	21	498393	498488	57.0	40	40	1.31	1.31	1.31	74.47	2.7821	2.7957	0.0136	182.6	169.4		
		Sunny	1.0NE	21	498488	498586	58.8	40	40	1.31	1.31	1.31	76.82	2.7765	2.7895	0.0130	169.2			
		Sunny	1.0NE	21	498586	498684	58.8	40	40	1.31	1.31	1.31	76.82	2.8161	2.8281	0.0120	156.2			
	16-Feb-07	Cloudy	0.1E	18	501070	501167	58.2	43	43	1.41	1.41	1.41	82.20	2.8160	2.8277	0.0117	142.3	149.0		
		Cloudy	0.1E	18	501167	501265	58.8	43	43	1.41	1.41	1.41	83.04	2.8272	2.8391	0.0119	143.3			
		Cloudy	0.1E	18	501265	501360	57.0	43	43	1.41	1.41	1.41	80.50	2.8001	2.8131	0.0130	161.5			
	22-Feb-07	Rainy	1.5NE	17	503764	503862	58.8	40	40	1.33	1.33	1.33	78.13	2.8633	2.8689	0.0056	71.7	74.0		
		Rainy	1.5NE	17	503862	503961	59.4	40	40	1.33	1.33	1.33	78.92	2.8572	2.8630	0.0058	73.5			
		Rainy	1.5NE	17	503961	504059	58.8	40	40	1.33	1.33	1.33	78.13	2.8294	2.8354	0.0060	76.8			
	28-Feb-07	Cloudy	2.5E	20	506456	506553	58.2	40	40	1.33	1.33	1.33	77.33	2.8634	2.8696	0.0062	80.2	79.0		
		Cloudy	2.5E	20	506553	506651	58.8	40	40	1.33	1.33	1.33	78.13	2.8443	2.8497	0.0054	69.1			
		Cloudy	2.5E	20	506651	506751	60.0	40	40	1.33	1.33	1.33	79.72	2.8570	2.8640	0.0070	87.6			

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 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	02-Dec-06	Fine	0.2N	23	764.1	576823	579226	1441.8	32	32	1.11	1.11	1.11	1602.77	2.8617	3.0422	0.1805	112.6	203/260 No monitoring of 24-hr TSP at CAM1a was carried out on 14 December 2006 because the HVS was out of order. Re-monitoring was carried out on 19 December 2006.	
	08-Dec-06	Cloudy	0.5NE	20	763.8	579520	581911	1434.6	32	32	1.11	1.11	1.11	1594.77	2.8278	3.0318	0.204	127.9		
	19-Dec-06	Fine	0.5N	17	760.5	365715	368110	1437	41	41	1.10	1.10	1.10	1583.56	2.8654	3.0854	0.22	138.9		
	20-Dec-06	Fine	0.8N	20	759.6	368395	370779	1430.4	41	41	1.10	1.10	1.10	1576.28	2.8499	3.0862	0.2363	149.9		
	27-Dec-06	Fine	1.0N	20	759.8	371072	373462	1434	41	41	1.10	1.10	1.10	1580.25	2.8832	3.1231	0.2399	151.8		
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Dec-06	Fine	0.5N	23	764.1	466458	468864	1443.6	40	40	1.29	1.29	1.29	1856.26	2.8827	3.0728	0.1901	102.4	201/260	
	08-Dec-06	Cloudy	0.9NE	20	763.8	469159	471560	1440.6	40	40	1.29	1.29	1.29	1852.40	2.8476	3.0477	0.2001	108.0		
	14-Dec-06	Cloudy	0.6E	18	762.7	471854	474247	1435.8	40	40	1.31	1.31	1.31	1875.84	2.8829	2.9440	0.0611	32.6		
	20-Dec-06	Fine	1.0N	20	759.6	474532	476917	1431	40	40	1.31	1.31	1.31	1869.57	2.8665	3.1007	0.2342	125.3		
	27-Dec-06	Fine	1.1N	20	759.8	477211	479602	1434.6	41	41	1.33	1.33	1.33	1914.48	2.8571	3.0719	0.2148	112.2		

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-Jan-07	Fine	0.9N	15	762.7	373759	376152	1435.8	41	41	1.10	1.10	1.10	1582.23	2.8383	3.0068	0.1685	106.5	203/260	
	08-Jan-07	Cloudy	0.3NE	17	769.6	376447	378867	1452	41	41	1.10	1.10	1.10	1600.09	2.8347	3.1329	0.2982	186.4		
	13-Jan-07	Fine	1.0E	20	766.6	379166	381563	1438.2	41	41	1.10	1.10	1.10	1584.88	2.8307	2.9033	0.0726	45.8		
	19-Jan-07	Cloudy	1.1E	15	753.6	381860	384258	1438.8	36	36	1.03	1.03	1.03	1476.11	2.8273	3.0802	0.2529	171.3		Monitoring station was relocated
	25-Jan-07	Fine	0.3NE	15	754.6	384543	386926	1429.8	40	40	1.09	1.09	1.09	1553.87	2.839	3.1872	0.3482	224.1		
	31-Jan-07	Fine	0.5NE	17	756.2	387220	389624	1442.4	45	45	1.16	1.16	1.16	1677.27	2.8509	3.1732	0.3223	192.2		
Sheung Shui Heung Floodwater Pumping Station CAM2a	02-Jan-07	Fine	1.1N	15	762.7	479896	482299	1441.8	40	40	1.29	1.29	1.29	1853.95	2.8702	3.0078	0.1376	74.2	201/260	
	08-Jan-07	Cloudy	0.8NE	17	769.6	482595	484985	1434	40	40	1.29	1.29	1.29	1843.92	2.8488	3.1369	0.2881	156.2		
	13-Jan-07	Fine	1.5E	20	766.6	485283	487655	1423.2	40	40	1.33	1.33	1.33	1890.95	2.8539	3.1349	0.281	148.6		
	19-Jan-07	Cloudy	1.6E	15	753.6	487955	490354	1439.4	39	39	1.30	1.30	1.30	1872.33	2.8450	3.0776	0.2326	124.2		
	25-Jan-07	Fine	0.5NE	15	754.6	490637	493004	1420.2	40	40	1.33	1.33	1.33	1886.96	2.8415	3.1875	0.346	183.4		
	31-Jan-07	Fine	0.7NE	17	756.2	493311	495725	1448.4	42	42	1.38	1.38	1.38	2005.22	2.8375	3.235	0.3975	198.2		

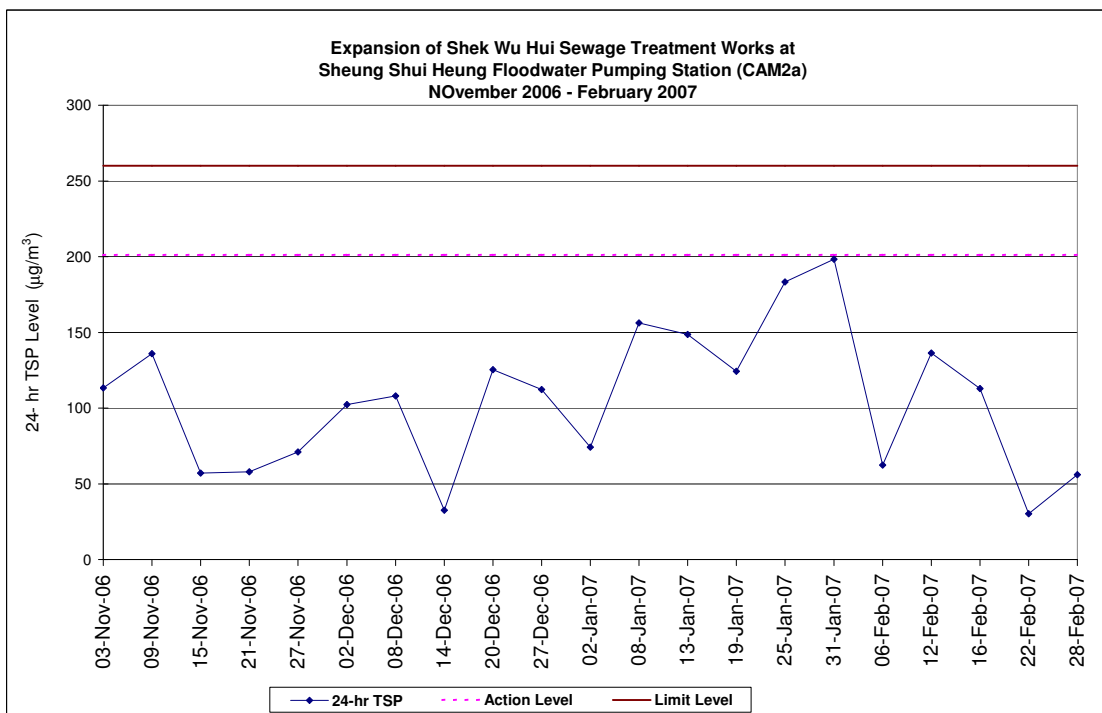
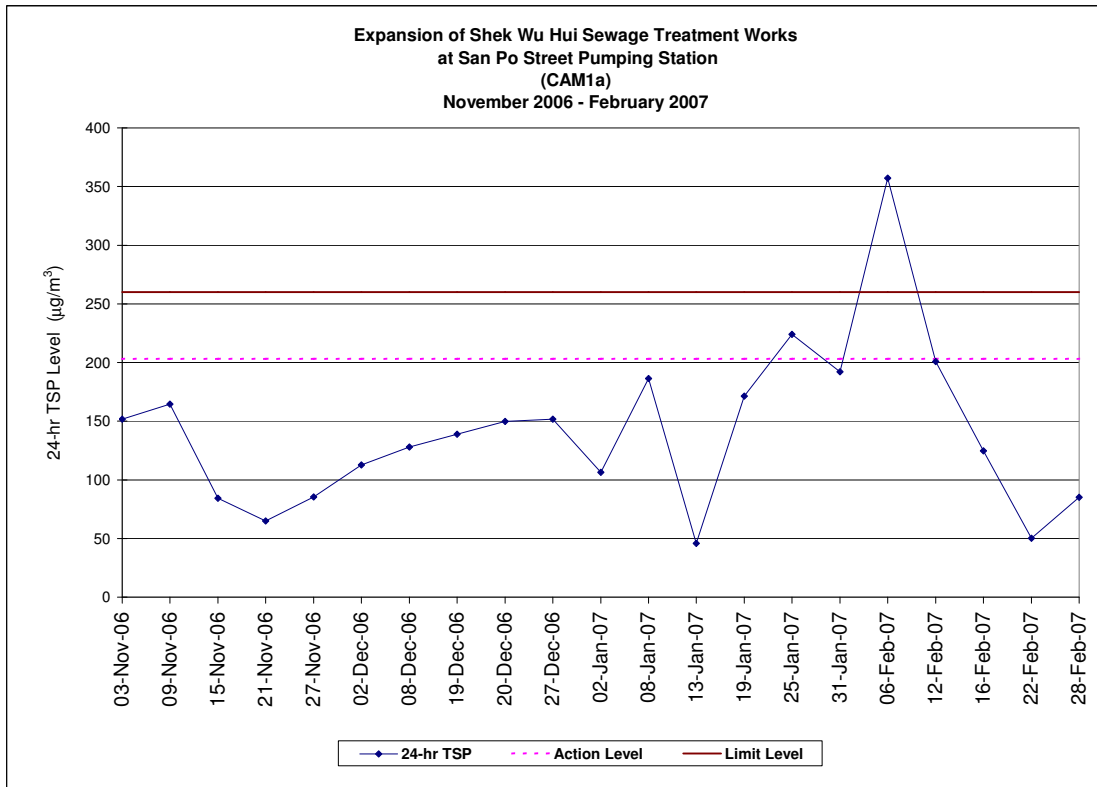
Shading indicates an exceedance of Action Level. *Bold and shading* indicates an exceedance of Limit Level.

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	06-Feb-07	Sunny	0.3N	22	765.1	389915	392294	1427.4	43	43	1.13	1.13	1.13	1616.40	2.8466	3.4237	0.5771	357.0	203/260	
	12-Feb-07	Sunny	0.7NE	21	763.6	392584	394921	1402.2	43	43	1.13	1.13	1.13	1587.86	2.7816	3.1006	0.319	200.9		
	16-Feb-07	Cloudy	0.1E	18	762.8	395213	397602	1433.4	40	40	1.09	1.09	1.09	1557.79	2.8528	3.0472	0.1944	124.8		
	22-Feb-07	Rainy	1.1NE	17	766.5	397900	400295	1437	43	43	1.13	1.13	1.13	1627.27	2.8420	2.9235	0.0815	50.1		
	28-Feb-07	Cloudy	2.0E	20	763.9	400589	402978	1433.4	40	40	1.00	1.00	1.00	1427.28	2.8526	2.9742	0.1216	85.2		
Sheung Shui Heung Floodwater Pumping Station CAM2a	06-Feb-07	Sunny	0.6N	22	765.1	496013	498393	1428	40	40	1.29	1.29	1.29	1836.20	2.8766	2.9912	0.11463	62.4	201/260	
	12-Feb-07	Sunny	1.0NE	21	763.6	498684	501070	1431.6	40	40	1.29	1.29	1.29	1840.83	2.7799	3.0309	0.251	136.4		
	16-Feb-07	Cloudy	0.1E	18	762.8	501360	503764	1442.4	40	40	1.33	1.33	1.33	1916.46	2.8021	3.0184	0.2163	112.9		
	22-Feb-07	Rainy	1.5NE	17	766.5	504059	506456	1438.2	40	40	1.33	1.33	1.33	1910.88	2.8353	2.8929	0.0576	30.1		
	28-Feb-07	Cloudy	2.5E	20	763.9	506751	509144	1435.8	40	40	1.33	1.33	1.33	1907.69	2.8707	2.9775	0.1068	56.0		

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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	08-Dec-06	Cloudy	23	0.2	NE	10:20	10:50	75	63.7	66.5	60.5	
	14-Dec-06	Cloudy	20	0.1	N	10:20	10:50	75	57.5	59.9	54.0	
	20-Dec-06	Fine	18	0.8	N	14:10	14:40	75	59.0	61.3	54.3	
	27-Dec-06	Cloudy	20	0.1	E	10:10	10:40	75	60.2	62.3	55.1	
Temporary Domestic Structure NM2	08-Dec-06	Cloudy	23	0.9	NE	11:20	11:50	75	53.2	54.8	50.5	
	14-Dec-06	Cloudy	20	0.6	N	11:20	11:50	75	53.8	55.8	51.0	
	20-Dec-06	Fine	18	1	N	15:15	15:45	75	53.6	56.0	50.0	
	27-Dec-06	Cloudy	20	0.2	E	11:15	11:45	75	53.2	57.0	49.5	

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

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-Jan-07	Cloudy	15	0.9	N	10:20	10:50	75	60.1	62.3	55.5	
	08-Jan-07	Cloudy	17	0.3	NE	10:40	11:10	75	60.7	63.2	56.0	
	19-Jan-07	Cloudy	15	1.1	E	10:30	11:00	75	67.5	69.8	64.7	
	25-Jan-07	Sunny	15	0.3	NE	10:10	10:40	75	61.2	63.7	56.5	
	31-Jan-07	Sunny	17	0.5	NE	10:10	10:40	75	58.5	62.0	53.5	
Temporary Domestic Structure NM2	02-Jan-07	Cloudy	15	1.1	N	11:20	11:50	75	53.7	56.0	50.0	
	08-Jan-07	Cloudy	17	0.8	NE	11:30	12:00	75	52.7	56.0	49.0	
	19-Jan-07	Cloudy	15	1.6	E	11:30	12:00	75	60.0	63.1	57.4	
	25-Jan-07	Sunny	15	0.5	NE	11:15	11:45	75	53.0	54.5	48.0	
	31-Jan-07	Sunny	17	0.7	NE	11:15	11:45	75	57.0	57.8	51.8	

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

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-Feb-07	Sunny	22	0.3	N	13:40	14:10	75	58.7	61.0	54.0	
	12-Feb-07	Sunny	21	0.7	NE	10:20	10:50	75	60.6	62.8	57.0	
	22-Feb-07	Cloudy	17	1.1	NE	10:30	11:00	75	58.3	61.2	55.5	
	28-Feb-07	Cloudy	20	2	E	11:10	11:40	75	59.6	63.1	56.5	
Temporary Domestic Structure NM2	06-Feb-07	Sunny	22	0.3	N	15:50	16:20	75	54.2	57.0	51.0	
	12-Feb-07	Sunny	21	1	NE	11:25	11:55	75	54.2	57.0	50.5	
	22-Feb-07	Cloudy	17	1.5	NE	11:30	12:00	75	52.6	56.0	50.0	
	28-Feb-07	Cloudy	20	2.5	E	10:10	10:40	75	53.2	57.0	51.0	

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

