

# **Appendix F Environmental Monitoring Data for Air, Noise and Water Quality**

Appendix E  
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
5-Nov-13	Cloudy	026046	2.7344	2.8817	0.1473	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	70.8	170.3	260.0	<5	N
11-Nov-13	Cloudy	026047	2.7294	2.8564	0.1270	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	61.1	170.3	260.0	<5	N
16-Nov-13	Fine	205789	2.7214	3.1790	0.4576	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	220.0	170.3	260.0	<5	N
22-Nov-13	Fine	205791	2.7471	3.1275	0.3804	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	182.9	170.3	260.0	<5	N
28-Nov-13	Fine	205792	2.5360	3.1228	0.5868	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	282.2	170.3	260.0	<5	N
4-Dec-13	Fine	205793	2.7256	3.1940	0.4684	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	225.2	170.3	260.0	<5	N
10-Dec-13	Fine	205794	2.5920	3.3377	0.7457	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	358.6	170.3	260.0	<5	N
16-Dec-13	Rainy	205831	2.7374	2.7867	0.0493	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	23.7	170.3	260.0	<5	N
21-Dec-13	Fine	205832	2.7435	3.1737	0.4302	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	206.9	170.3	260.0	<5	N
27-Dec-13	Sunny	205833	2.7321	3.2491	0.5170	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	248.6	170.3	260.0	<5	N
2-Jan-14	Sunny	205834	2.6667	3.0836	0.4169	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	200.5	170.3	260.0	<5	N
8-Jan-14	Fine	205904	2.8976	3.3749	0.4773	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	229.5	170.3	260.0	<5	N
14-Jan-14	Fine	205835	2.7456	3.1824	0.4368	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	210.0	170.3	260.0	<5	N
20-Jan-14	Fine	205836	2.7541	3.4253	0.6712	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	322.8	170.3	260.0	<5	N
25-Jan-14	Sunny	205837	2.7496	3.1072	0.3576	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	172.0	170.3	260.0	<5	N
30-Jan-14	Fine	205838	2.7561	3.1216	0.3655	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	175.8	170.3	260.0	<5	N
5-Feb-14	Fine	205839	2.7351	2.8805	0.1454	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	69.9	170.3	260.0	<5	N
11-Feb-14	Cloudy	205840	2.7582	3.0589	0.3007	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	144.6	170.3	260.0	<5	N
17-Feb-14	Fine	205907	2.9323	3.2644	0.3321	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	159.7	170.3	260.0	<5	N
22-Feb-14	Fine	1	2.6884	3.0733	0.3849	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	185.1	170.3	260.0	<5	N
28-Feb-14	Fine	2	2.6782	3.1388	0.4606	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	221.5	170.3	260.0	<5	N
6-Mar-14	Cloudy	3	2.7216	3.0258	0.3042	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	146.3	170.3	260.0	<5	N
12-Mar-14	Cloudy	6	2.7007	3.0468	0.3461	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	166.4	170.3	260.0	<5	N
18-Mar-14	Fine	7	2.7102	2.9790	0.2688	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	129.3	170.3	260.0	<5	N
24-Mar-14	Fine	8	2.6925	3.0836	0.3911	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	188.1	170.3	260.0	<5	N
29-Mar-14	Rainy	9	2.6958	2.8354	0.1396	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	67.1	170.3	260.0	<5	N
4-Apr-14	Cloudy	10	2.6869	2.8690	0.1821	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	87.6	170.3	260.0	<5	N
10-Apr-14	Fine	11	2.6915	2.9070	0.2155	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	103.6	170.3	260.0	<5	N
16-Apr-14	Sunny	12	2.7313	3.0336	0.3023	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	145.4	170.3	260.0	<5	N
22-Apr-14	Sunny	13	2.7088	2.9072	0.1984	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	95.4	170.3	260.0	<5	N
28-Apr-14	Sunny	14	2.6694	2.8877	0.2183	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	105.0	170.3	260.0	<5	N
3-May-14	Fine	15	2.7172	3.0659	0.3487	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	167.7	170.3	260.0	<5	N
9-May-14	Rainy	21	2.7012	2.7317	0.0305	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	14.7	170.3	260.0	<5	N
15-May-14	Cloudy	212	2.7112	2.9339	0.2227	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	107.1	170.3	260.0	<5	N
21-May-14	Rainy	22	2.7506	2.8765	0.1259	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	60.5	170.3	260.0	<5	N
27-May-14	Fine	23	2.7061	3.1128	0.4067	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	195.6	170.3	260.0	<5	N
31-May-14	Fine	24	2.6975	2.9550	0.2575	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	123.8	170.3	260.0	<5	N
6-Jun-14	Cloudy	41	2.6798	2.8375	0.1577	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	75.8	170.3	260.0	<5	N
12-Jun-14	Fine	50	2.6908	2.9028	0.2120	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	101.9	170.3	260.0	<5	N
18-Jun-14	Cloudy	44	2.7198	2.8389	0.1191	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	57.3	170.3	260.0	<5	N
24-Jun-14	Rainy	46	2.6996	2.7792	0.0796	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	38.3	170.3	260.0	<5	N
30-Jun-14	Rainy	47	2.7035	2.7728	0.0693	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	33.3	170.3	260.0	<5	N
5-Jul-14	Rainy	50	2.7048	2.8380	0.1332	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	64.1	170.3	260.0	<5	N
11-Jul-14	Fine	51	2.7072	2.8157	0.1085	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	52.2	170.3	260.0	<5	N
17-Jul-14	Fine	53	2.7005	2.8421	0.1416	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	68.1	170.3	260.0	<5	N
23-Jul-14	Fine	57	2.6795	3.5157	0.8362	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	402.1	170.3	260.0	<5	N
29-Jul-14	Fine	59	2.7073	2.8783	0.1710	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	82.2	170.3	260.0	<5	N

Appendix E  
Air Quality Monitoring Results and their Graphical Presentation

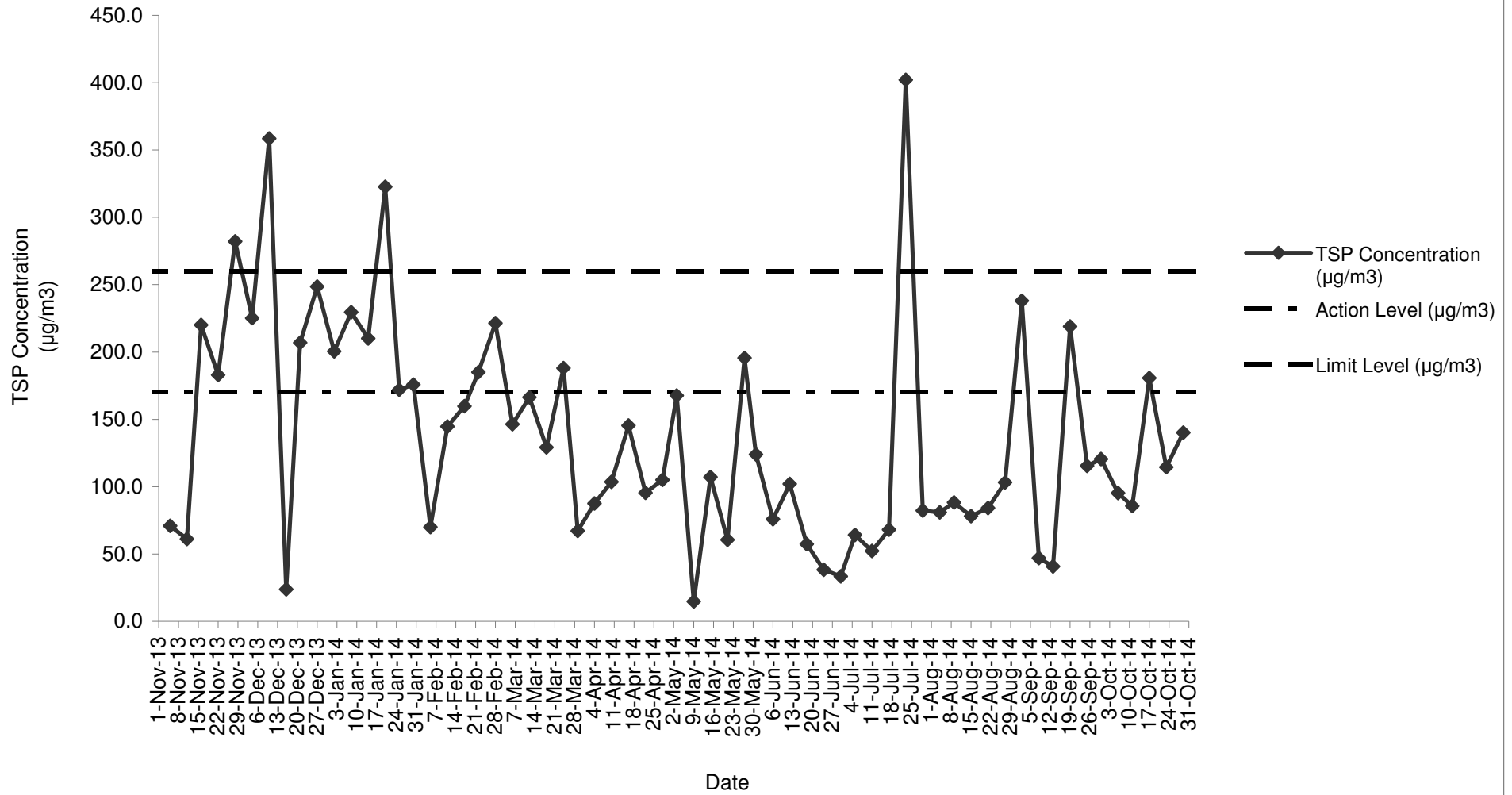
24-Hour TSP Monitoring Result at Station: SR77

Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
4-Aug-14	Sunny	72	2.6718	2.8402	0.1684	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	81.0	170.3	260.0	<5	N
9-Aug-14	Fine	62	2.7200	2.9037	0.1837	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	88.3	170.3	260.0	<5	N
15-Aug-14	Fine	64	2.7060	2.8683	0.1623	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	78.0	170.3	260.0	<5	N
21-Aug-14	Fine	69	2.6983	2.8733	0.1750	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	84.2	170.3	260.0	<5	N
27-Aug-14	Sunny	68	2.6756	2.8903	0.2147	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	103.2	170.3	260.0	<5	N
2-Sep-14	Fine	66	2.7036	3.1984	0.4948	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	<b>237.9</b>	170.3	260.0	<5	N
8-Sep-14	Sunny	85	2.7183	2.8161	0.0978	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	47.0	170.3	260.0	<5	N
13-Sep-14	Sunny	84	2.7229	2.8078	0.0849	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	40.8	170.3	260.0	<5	N
19-Sep-14	Fine	87	2.7231	3.1784	0.4553	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	<b>218.9</b>	170.3	260.0	<5	N
25-Sep-14	Sunny	89	2.7889	3.0289	0.2400	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	115.4	170.3	260.0	<5	N
30-Sep-14	Fine	91	2.7064	2.9570	0.2506	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	120.5	170.3	260.0	<5	N
6-Oct-14	Fine	93	2.7227	2.9208	0.1981	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	95.3	170.3	260.0	<5	N
11-Oct-14	Sunny	94	2.6914	2.8693	0.1779	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	85.5	170.3	260.0	<5	N
17-Oct-14	Sunny	97	2.8002	3.1761	0.3759	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	<b>180.8</b>	170.3	260.0	<5	N
23-Oct-14	Sunny	101	2.7829	3.0210	0.2381	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	114.5	170.3	260.0	<5	N
29-Oct-14	Fine	100	2.7114	3.0030	0.2916	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	140.2	170.3	260.0	<5	N

Summary For the Reporting Period (Nov 2013 - Oct 2014)	
Average	137.8
Minimum	14.7
Maximum	402.1

Note: No major dust source observed during the monitoring period  
Data in **Bold** denotes exceedance of respective Action Level  
Data in **Bold Underline** denotes exceedance of respective Limit Level

### 24-Hour TSP Monitoring Result at Station: SR77 (Nov 2013 - Oct 2014)



**Appendix E**  
**Air Quality Monitoring Results and their Graphical Presentation**

**1-Hour TSP Monitoring Result at Station: SR77**

Date	Weather Condition	Time	Conc.( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
5-Nov-13	Cloudy	9:30 - 12:34	111.0	108.0	113.0	292.7	500.0
11-Nov-13	Cloudy	9:00 - 12:04	109.0	102.0	118.0	292.7	500.0
16-Nov-13	Fine	9:00 - 12:04	155.0	149.0	153.0	292.7	500.0
22-Nov-13	Fine	13:30 - 16:34	95.0	91.0	83.0	292.7	500.0
28-Nov-13	Fine	10:00 - 13:04	99.0	100.0	104.0	292.7	500.0
4-Dec-13	Fine	11:00 - 14:04	155.0	154.0	147.0	292.7	500.0
10-Dec-13	Fine	13:00 - 16:04	283.0	279.0	281.0	292.7	500.0
16-Dec-13	Rainy	10:00 - 13:04	222.0	231.0	216.0	292.7	500.0
21-Dec-13	Fine	8:00 - 11:04	156.0	153.0	191.0	292.7	500.0
27-Dec-13	Fine	11:30 - 14:34	188.0	187.0	173.0	292.7	500.0
2-Jan-14	Sunny	9:30 - 12:34	188.0	184.0	181.0	292.7	500.0
8-Jan-14	Fine	9:30 - 12:34	201.0	203.0	201.0	292.7	500.0
14-Jan-14	Fine	13:00 - 16:04	211.0	198.0	200.0	292.7	500.0
20-Jan-14	Fine	13:00 - 16:04	222.0	219.0	199.0	292.7	500.0
25-Jan-14	Sunny	9:00 - 12:04	178.0	177.0	169.0	292.7	500.0
30-Jan-14	Fine	14:00 - 17:04	212.0	219.0	189.0	292.7	500.0
5-Feb-14	Fine	9:00 - 12:04	166.0	192.0	150.0	292.7	500.0
11-Feb-14	Cloudy	10:00 - 13:04	147.0	155.0	149.0	292.7	500.0
17-Feb-14	Fine	10:30 - 13:34	202.0	211.0	188.0	292.7	500.0
22-Feb-14	Fine	9:00 - 12:04	189.0	166.0	198.0	292.7	500.0
28-Feb-14	Fine	10:45 - 13:49	221.0	187.0	211.0	292.7	500.0
6-Mar-14	Cloudy	11:00 - 14:04	211.0	218.0	197.0	292.7	500.0
12-Mar-14	Cloudy	11:00 - 14:04	197.0	199.0	232.0	292.7	500.0
18-Mar-14	Fine	14:00 - 17:04	212.0	216.0	203.0	292.7	500.0
24-Mar-14	Fine	11:00 - 14:04	199.0	198.0	221.0	292.7	500.0
29-Mar-14	Rainy	10:00 - 13:04	167.0	161.0	173.0	292.7	500.0
4-Apr-14	Cloudy	8:00 - 11:04	189.0	191.0	203.0	292.7	500.0
10-Apr-14	Fine	10:30 - 13:34	156.0	171.0	163.0	292.7	500.0
16-Apr-14	Sunny	11:01 - 14:05	144.0	147.0	151.0	292.7	500.0
22-Apr-14	Sunny	11:30 - 14:34	152.0	136.0	129.0	292.7	500.0
28-Apr-14	Sunny	11:00 - 14:04	163.0	166.0	139.0	292.7	500.0
3-May-14	Fine	10:30 - 13:34	144.0	141.0	157.0	292.7	500.0
9-May-14	Rainy	10:30 - 13:34	122.0	129.0	116.0	292.7	500.0
15-May-14	Cloudy	9:00 - 12:04	116.0	134.0	129.0	292.7	500.0
21-May-14	Rainy	14:30 - 17:34	112.0	153.0	117.0	292.7	500.0
27-May-14	Fine	10:30 - 13:34	137.0	124.0	121.0	292.7	500.0
31-May-14	Fine	10:30 - 13:34	116.0	117.0	136.0	292.7	500.0
6-Jun-14	Cloudy	14:30 - 17:34	166.0	173.0	158.0	292.7	500.0
12-Jun-14	Fine	9:00 - 12:04	178.9	161.6	130.4	292.7	500.0
18-Jun-14	Cloudy	9:00 - 12:00	58.9	61.2	54.2	292.7	500.0
24-Jun-14	Rainy	9:00 - 12:00	34.6	36.9	35.8	292.7	500.0
30-Jun-14	Rainy	9:00 - 12:00	35.8	34.6	38.1	292.7	500.0
5-Jul-14	Rainy	9:00 - 12:00	64.6	66.9	70.4	292.7	500.0
11-Jul-14	Fine	9:00 - 12:00	56.5	51.9	62.3	292.7	500.0
17-Jul-14	Fine	9:00 - 12:00	50.8	51.9	54.2	292.7	500.0
23-Jul-14	Fine	9:00 - 12:00	78.5	72.7	69.2	292.7	500.0
29-Jul-14	Fine	9:00 - 12:00	73.9	69.2	66.9	292.7	500.0
4-Aug-14	Sunny	9:00 - 12:00	65.8	57.7	68.1	292.7	500.0
9-Aug-14	Fine	9:00 - 12:00	84.2	78.5	79.6	292.7	500.0
15-Aug-14	Fine	9:00 - 12:00	69.2	65.8	65.8	292.7	500.0
21-Aug-14	Fine	9:00 - 12:00	81.9	75.0	86.6	292.7	500.0
27-Aug-14	Sunny	9:00 - 12:00	72.7	90.0	99.3	292.7	500.0
2-Sep-14	Fine	9:00 - 12:00	65.8	71.6	61.2	292.7	500.0
8-Sep-14	Sunny	9:00 - 12:00	43.9	47.3	41.5	292.7	500.0
13-Sep-14	Sunny	9:00 - 12:00	47.3	68.1	51.9	292.7	500.0
19-Sep-14	Fine	9:00 - 12:00	229.7	218.1	220.4	292.7	500.0
25-Sep-14	Sunny	9:00 - 12:00	93.5	90.0	87.7	292.7	500.0
30-Sep-14	Fine	9:00 - 12:00	86.6	80.8	84.2	292.7	500.0

**Appendix E**  
**Air Quality Monitoring Results and their Graphical Presentation**

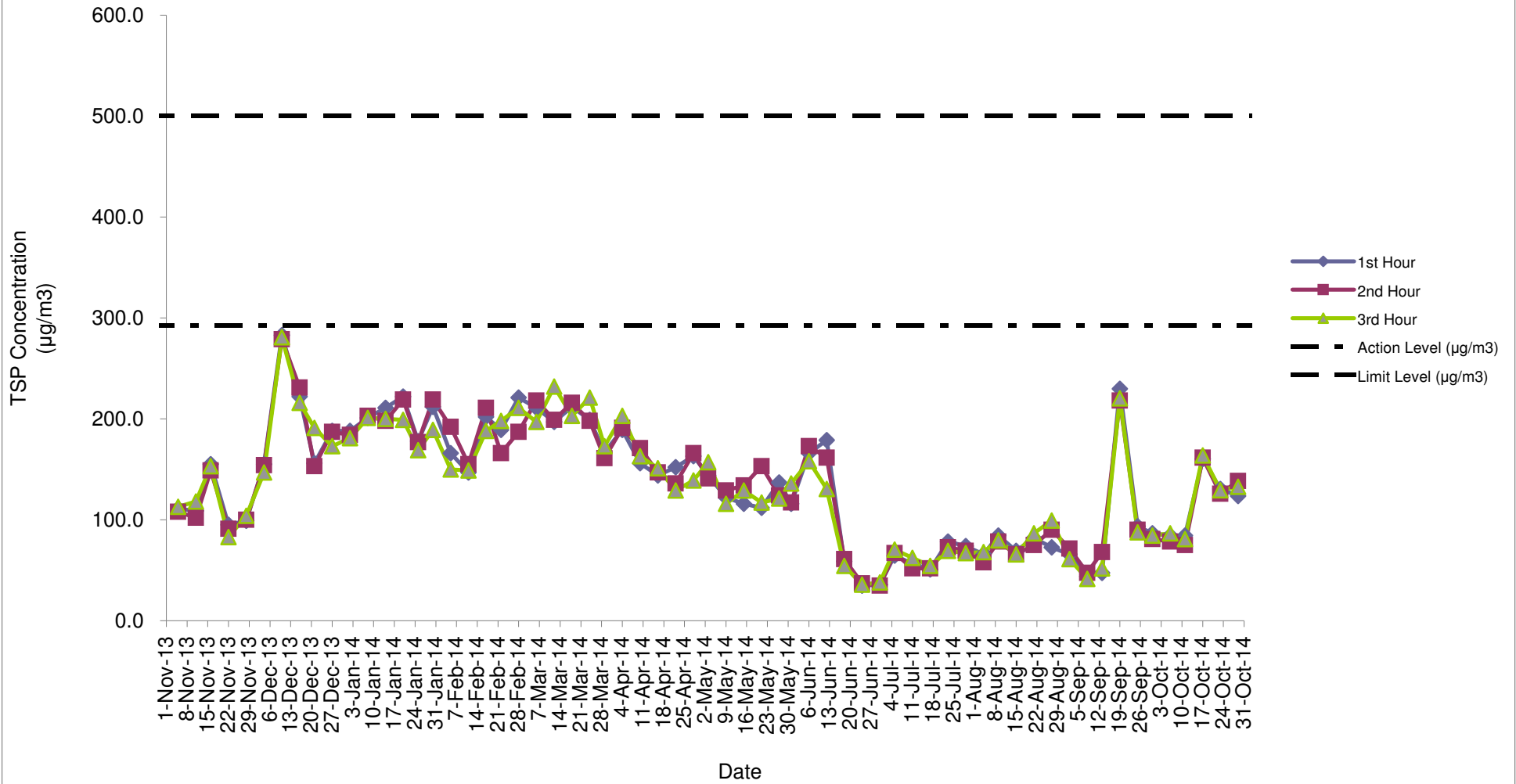
**1-Hour TSP Monitoring Result at Station: SR77**

Date	Weather Condition	Time	Conc.( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
6-Oct-14	Fine	9:00 - 12:00	84.2	78.5	86.6	292.7	500.0
11-Oct-14	Sunny	9:00 - 12:00	84.2	75.0	80.8	292.7	500.0
17-Oct-14	Sunny	9:00 - 12:00	160.4	161.6	163.9	292.7	500.0
23-Oct-14	Sunny	9:00 - 12:00	130.4	125.8	129.3	292.7	500.0
29-Oct-14	Fine	9:00 - 12:00	123.5	138.5	132.7	292.7	500.0

<b>Summary For the Reporting Quarter (Nov 2013 - Oct 2014)</b>	
<b>Average</b>	135.5
<b>Minimum</b>	34.6
<b>Maximum</b>	283.0

Note: No major dust source observed during the monitoring period

### 1-Hour TSP Monitoring Result at station: SR77 (Nov 2013 - Oct 2014)



Project Name: **Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3**  
**Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2**

Noise Monitoring Result at SR77

Date	Weather Condition	Start Time	End Time	Measured Noise Level (dB(A))*			Baseline Corrected Level, dB(A)**	Baseline Noise Level (dB(A)), Leq(30min)	Limit Level dB(A)	Exceedance (Y / N)
				L10(30min)	L90(30min)	Leq(30min)				
2013/11/05	Cloudy	9:30	10:00	72.4	61.1	69.1	-	67.8	75.0	N
2013/11/11	Cloudy	10:30	11:00	72.9	62.2	71.3	-	67.8	75.0	N
2013/11/16	Fine	10:00	10:30	73.2	63.1	71.1	-	67.8	75.0	N
2013/11/22	Fine	13:30	14:00	70.5	58.5	67.6	-	67.8	75.0	N
2013/11/28	Fine	10:30	11:00	74.1	77.5	71.5	-	67.8	75.0	N
2013/12/04	Fine	11:30	12:00	75.1	63.0	70.0	-	67.8	75.0	N
2013/12/10	Fine	13:00	13:30	79.6	67.5	73.5	-	67.8	75.0	N
2013/12/16	Rainy	10:00	10:30	71.6	77.1	67.5	-	67.8	75.0	N
2013/12/21	Fine	8:00	8:30	68.6	74.1	62.5	-	67.8	75.0	N
2013/12/27	Sunny	11:30	12:00	70.1	75.4	66.3	-	67.8	75.0	N
2014/01/02	Sunny	9:30	10:00	70.8	72.3	62.0	-	67.8	75.0	N
2014/01/08	Fine	9:30	10:00	71.2	76.1	61.6	-	67.8	75.0	N
2014/01/14	Fine	13:00	13:30	70.4	74.5	63.1	-	67.8	75.0	N
2014/01/20	Fine	13:00	13:30	76.8	72.1	57.8	-	67.8	75.0	N
2014/01/30	Fine	14:00	14:30	70.8	72.9	60.3	-	67.8	75.0	N
2014/02/05	Fine	14:30	15:00	61.3	64.7	54.5	-	67.8	75.0	N
2014/02/11	Cloudy	10:00	10:30	67.4	71.3	58.6	-	67.8	75.0	N
2014/02/17	Fine	10:30	11:00	69.4	72.1	61.9	-	67.8	75.0	N
2014/02/28	Fine	10:45	11:15	71.6	75.5	65.5	-	67.8	75.0	N
2014/03/06	Cloudy	11:00	11:30	70.8	76.1	64.9	-	67.8	75.0	N
2014/03/12	Cloudy	11:00	11:30	71.8	88.1	66.1	-	67.8	75.0	N
2014/03/18	Fine	14:00	14:30	74.2	89.1	66.9	-	67.8	75.0	N
2014/03/24	Fine	11:00	11:30	71.8	83.3	61.6	-	67.8	75.0	N
2014/04/04	Cloudy	8:00	8:30	70.5	72.5	63.5	-	67.8	75.0	N
2014/04/10	Fine	10:30	11:00	68.5	71.3	62.1	-	67.8	75.0	N
2014/04/16	Sunny	11:01	11:31	69.3	71.9	61.1	-	67.8	75.0	N
2014/04/22	Sunny	11:30	12:00	70.1	71.8	60.2	-	67.8	75.0	N
2014/04/28	Sunny	11:00	11:30	69.9	72.4	61.5	-	67.8	75.0	N
2014/05/09	Rainy	10:30	11:00	66.6	71.9	60.8	-	67.8	75.0	N
2014/05/15	Cloudy	9:00	9:30	65.5	70.5	58.5	-	67.8	75.0	N
2014/05/21	Rainy	14:30	15:00	63.6	70.1	60.2	-	67.8	75.0	N
2014/05/27	Fine	10:30	11:00	63.3	69.8	59.4	-	67.8	75.0	N
2014/06/06	Cloudy	14:30	15:00	62.5	70.5	59.5	-	67.8	75.0	N
2014/06/12	Fine	9:00	9:30	61.8	69.9	58.5	-	67.8	75.0	N
2014/06/18	Cloudy	13:00	13:30	61.8	68.6	59.8	-	67.8	75.0	N
2014/06/24	Rainy	11:00	11:30	62.4	70.6	58.8	-	67.8	75.0	N
2014/06/30	Rainy	14:30	15:00	63.1	69.3	58.5	-	67.8	75.0	N
2014/07/11	Fine	14:30	15:00	63.3	68.5	59.0	-	67.8	75.0	N
2014/07/17	Fine	9:00	9:30	63.6	68.9	58.9	-	67.8	75.0	N
2014/07/23	Fine	14:00	14:30	67.4	72.5	63.5	-	67.8	75.0	N
2014/07/29	Fine	9:30	10:00	72.1	73.5	64.0	-	67.8	75.0	N
2014/08/04	Sunny	10:00	10:30	73.7	63.4	71.7	-	67.8	75.0	N
2014/08/15	Fine	15:00	15:30	73.5	63.0	69.5	-	67.8	75.0	N
2014/08/21	Fine	14:30	15:00	72.4	62.0	67.9	-	67.8	75.0	N
2014/08/27	Sunny	11:00	11:30	71.6	61.5	66.8	-	67.8	75.0	N
2014/09/02	Fine	10:00	10:30	70.7	60.5	65.9	-	67.8	75.0	N
2014/09/08	Sunny	10:00	10:30	71.5	61.0	66.5	-	67.8	75.0	N
2014/09/19	Sunny	14:00	14:30	70.5	59.5	66.9	-	67.8	75.0	N
2014/09/25	Fine	11:30	12:00	73.5	64.5	69.5	-	67.8	75.0	N
2014/09/30	Sunny	14:30	15:00	73.0	61.0	69.2	-	67.8	75.0	N
2014/10/06	Fine	11:00	11:30	73.0	61.5	69.9	-	67.8	75.0	N
2014/10/17	Sunny	11:30	12:00	73.0	60.5	68.5	-	67.8	75.0	N
2014/10/23	Sunny	11:30	12:00	76.0	63.5	71.5	-	67.8	75.0	N
2014/10/29	Fine	10:30	11:00	74.0	65.0	71.2	-	67.8	75.0	N

Summary For the Reporting Quarter (Nov 2013 - Oct 2014)	
Average	64.4
Minimum	54.5
Maximum	73.5

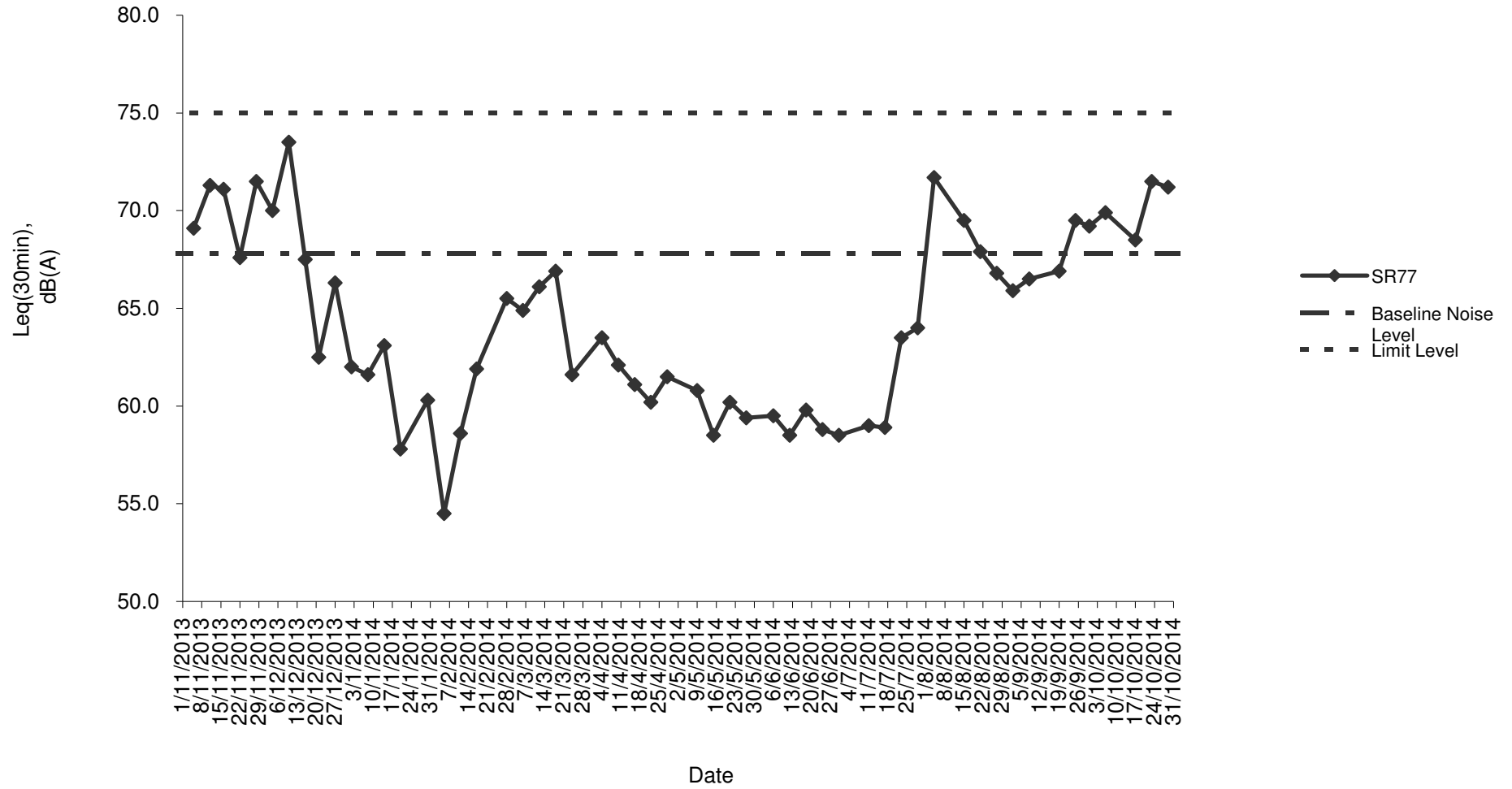
**Remarks**

\* +3dB(A) Façade effect correction included

\*\* Baseline corrected level is only calculated when measured noise level (Leq) > limit level.



**Noise monitoring result: SR77**  
**(Nov 2013 - Oct 2014)**



Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 5/11/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:53	<0.5	24.1	24.1	7.6	7.6	7.0	7.0	83.7	83.7	13.6	12.9	0.1	0.1	8	8.5
			27.4		7.6		7.0		83.6		12.1		0.1		9	
			23.7		8.1		6.9		81.2		35		0.1		52	
C3b	10:41	<0.5	23.7	23.7	8.1	8.1	6.9	6.9	81.2	81.2	37.3	36.2	0.1	0.1	52	52
			23.7		8.1		6.9		81.2		37.3		0.1		52	
			23.5		7.9		7.1		83.8		9.69		0.1		7	
I5	10:24	<0.5	23.5	23.5	7.9	7.9	7.0	7.1	83.8	83.1	10.1	9.9	0.1	0.1	6	6.5
			23.5		7.9		7.0		82.3		10.1		0.1		6	

Date of Monitoring 7/11/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:53	<0.5	27.2	27.4	7.6	7.6	6.4	8.2	104.3	104.3	15.1	14.6	<0.1	<0.1	17	16.5
			27.4		7.6		8.2		104.2		14.1		<0.1		16	
			25.7		8		7.4		90.6		29.2		<0.1		37	
C3b	10:41	<0.5	25.7	25.7	8	8.0	7.4	7.4	90.6	90.6	28.7	29.0	<0.1	<0.1	38	37.5
			25.7		8		7.4		90.6		28.7		<0.1		38	
			26.1		7.8		7.7		95.4		32.5		<0.1		32	
I5	10:24	<0.5	26.1	26.1	7.8	7.8	7.7	7.7	95.4	95.4	29.8	31.2	<0.1	<0.1	31	31.5
			26.1		7.8		7.7		95.4		29.8		<0.1		31	

Date of Monitoring 9/11/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:02	<0.5	27.2	27.2	7.6	7.6	6.4	6.4	80.3	80.2	21.8	22.0	<0.1	<0.1	24	24
			27.2		7.6		6.4		80.1		22.1		<0.1		24	
			25.9		8		5.4		66.3		38.7		<0.1		27	
C3b	10:50	<0.5	25.9	25.9	8	8.0	5.4	5.4	66.3	66.2	41	39.9	<0.1	<0.1	27	27
			25.9		8		5.4		66.1		41		<0.1		27	
			25.3		7.7		6.1		74.5		19.5		<0.1		20	
I5	10:33	<0.5	25.3	25.3	7.7	7.7	6.1	6.1	73.9	74.2	17.5	18.5	<0.1	<0.1	22	21
			25.3		7.7		6.1		73.9		17.5		<0.1		22	

Date of Monitoring 11/11/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:46	<0.5	24.5	24.5	7.7	7.7	6.2	6.2	74.7	74.6	28.2	26.2	<0.1	<0.1	34	33.5
			24.5		7.7		6.2		74.4		24.2		<0.1		33	
			24.1		8		6.8		81.3		87.3		<0.1		130	
C3b	11:34	<0.5	24.1	24.1	8	8.0	6.8	6.8	81.4	81.4	89.6	88.5	<0.1	<0.1	136	133
			24.1		8		6.8		81.4		89.6		<0.1		136	
			24.4		7.8		7.0		84		17		<0.1		12	
I5	11:17	<0.5	24.4	24.4	7.8	7.8	7.0	7.0	83.9	84.0	16.9	17.0	<0.1	<0.1	14	13
			24.4		7.8		7.0		83.9		16.9		<0.1		14	

Date of Monitoring 13/11/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:38	<0.5	21.7	21.7	7.7	7.7	5.7	5.6	65	64.2	17.1	17.5	<0.1	<0.1	18	17.5
			21.7		7.7		5.6		63.3		17.9		<0.1		17	
			20.9		7.9		6.9		77.7		60.1		<0.1		88	
C3b	11:14	<0.5	20.9	20.9	7.9	7.9	7.1	7.0	79.7	78.7	60.2	60.2	<0.1	<0.1	84	86
			20.9		7.9		7.1		79.7		60.2		<0.1		84	
			21.2		7.8		7.1		79.3		23		<0.1		20	
I5	11:25	<0.5	21.2	21.2	7.8	7.8	7.1	7.1	79.4	79.4	21.8	22.4	<0.1	<0.1	21	20.5
			21.2		7.8		7.1		79.4		21.8		<0.1		21	

Date of Monitoring 15/11/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:57	<0.5	25.5	25.5	7.7	7.7	8.2	8.1	99.6	99.6	36.5	36.0	<0.1	<0.1	25	25.5
			22.5		7.7		8.1		99.5		35.5		<0.1		26	
			23.2		8		8.0		93.7		37.4		<0.1		30	
C3b	11:21	<0.5	23.2	23.2	8	8.0	8.0	8.0	93.6	93.7	38.7	38.1	<0.1	<0.1	38	34
			23.2		8		8.0		93.6		38.7		<0.1		38	
			23.2		7.8		8.1		94.6		21		<0.1		11	
I5	11:34	<0.5	23.3	23.3	7.8	7.8	8.1	8.1	94.3	94.5	21	21.0	<0.1	<0.1	8	9.5
			23.3		7.8		8.1		94.3		21		<0.1		8	

Date of Monitoring 18/11/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	17:39	<0.5	22.1	22.5	7.7	7.7	4.0	4.2	46.2	48.9	7.81	6.9	<0.1	<0.1	10	9.5
			22.5		7.7		4.5		51.6		5.98		<0.1		9	
			21.4		8		5.8		65.6		31.6		<0.1		32	
C3b	18:07	<0.5	21.4	21.4	8	8.0	5.8	5.8	65.5	65.6	31.1	31.4	<0.1	<0.1	32	32
			21.4		8		5.8		65.5		31.1		<0.1		32	
			21.3		7.8		4.5		50.2		26.8		<0.1		18	
I5	18:19	<0.5	21.3	21.3	7.8	7.8	4.4	4.4	50.2	50.2	23.9	25.4	<0.1	<0.1	18	18
			21.3		7.8		4.4		50.2		23.9		<0.1		18	

Date of Monitoring 20/11/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	16:09	<0.5	22.1	22.1	7.7	7.7	5.7	5.7	65.3	65.2	14.8	14.0	<0.1	<0.1	10	9
			22.1		7.7		5.7		65		13.2		<0.1		8	
			21.4		8		6.5		73.7		18.7		<0.1		8	
C3b	15:45	<0.5	21.4	21.4	8	8.0	6.5	6.5	73	73.4	18.6	18.7	<0.1	<0.1	10	9
			21.4		8		6.5		73		18.6		<0.1		10	
			22.2		7.9		8.5		97.7		13.5		<0.1		6	
I5	15:15	<0.5	22.3	22.3	7.9	7.9	8.5	8.5	98	97.9	13.4	13.5	<0.1	<0.1	8	7
			22.3		7.9		8.5		98		13.4		<0.1		8	

Date of Monitoring 22/11/2013 Weather : Fine

NOTE:  
Data in **Bold** denotes exceedance of respective Action Level  
Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
Entrusted Portion of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:38	<0.5	25.5	25.5	7.7	7.7	7.4	7.7	90.6	94.0	12.2	12.2	<0.1	<0.1	6	5
			25.5		7.7		8.0		97.3		12.1		<0.1		4	
C3b	14:21	<0.5	23.8	23.8	8	8.0	8.1	8.1	95.7	95.8	60.3	59.7	<0.1	<0.1	35	35
			23.8		8		8.1		95.8		59		<0.1		35	
I5	14:07	<0.5	24.6	24.6	7.7	7.7	8.7	8.7	104.5	104.4	6.2	6.3	<0.1	<0.1	9	8.5
			24.6		7.7		8.7		104.3		6.32		<0.1		8	

Date of Monitoring 25/11/2013 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:32	<0.5	23.2	23.2	7.4	7.4	8.1	8.1	95.1	95.1	25.9	27.4	<0.1	<0.1	9	9.5
			23.2		7.38		8.1		95.1		28.8		<0.1		10	
C3b	11:19	<0.5	22.1	22.1	8.32	8.3	8.4	8.3	95.8	95.7	15.5	15.0	<0.1	<0.1	22	22.5
			22.1		8.32		8.3		95.5		14.4		<0.1		23	
I5	10:58	<0.5	21.7	21.7	7.45	7.5	8.7	8.7	99	98.8	24	24.3	<0.1	<0.1	18	18.5
			21.7		7.45		8.7		98.6		24.5		<0.1		19	

Date of Monitoring 27/11/2013 Weather: Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:11	<0.5	23.4	23.4	7.8	7.8	8.1	8.1	95.3	95.3	22.1	21.9	<0.1	<0.1	10	11
			23.4		7.8		8.1		95.3		21.6		<0.1		12	
C3b	10:26	<0.5	22.7	22.7	8	8.0	8.3	8.3	95.5	95.5	24.3	24.0	<0.1	<0.1	14	14
			22.7		8		8.3		95.5		23.7		<0.1		14	
I5	10:45	<0.5	23.2	23.2	7.7	7.7	8.7	8.7	98.7	98.7	20.5	20.1	<0.1	<0.1	8	9
			23.2		7.7		8.7		98.6		19.7		<0.1		10	

Date of Monitoring 29/11/2013 Weather: Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:24	<0.5	21.5	21.5	7.8	7.8	8.9	8.9	100.3	100.4	12.1	12.1	<0.1	<0.1	6	5
			21.5		7.8		8.9		100.4		12		<0.1		4	
C3b	14:05	<0.5	20.3	20.3	8	8.0	8.2	8.2	90.9	91.0	27.5	28.0	<0.1	<0.1	15	12.5
			20.3		8		8.2		91.1		28.5		<0.1		10	
I5	13:48	<0.5	21.4	21.4	7.6	7.6	9.5	9.5	107.7	107.0	15.8	15.9	<0.1	<0.1	15	12.5
			21.4		7.6		9.4		106.3		15.9		<0.1		10	

Date of Monitoring 2/12/2013 Weather: Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	15:13	<0.5	22.8	22.8	7.7	7.7	7.5	7.5	86.9	86.7	16.7	16.7	<0.1	<0.1	16	29.5
			22.8		7.7		7.4		86.4		16.6		<0.1		43	
C3b	14:47	<0.5	20.4	20.4	8	8.0	7.0	7.0	77.8	77.8	20.8	20.6	<0.1	<0.1	11	11
			20.4		8		7.0		77.8		20.4		<0.1		11	
I5	14:34	<0.5	22.9	22.9	7.6	7.6	7.4	7.4	86.9	86.9	21.1	20.6	<0.1	<0.1	14	13.5
			22.9		7.6		7.4		86.8		20.1		<0.1		13	

Date of Monitoring 4/12/2013 Weather: Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	13:23	<0.5	22.3	22.6	7.8	7.8	7.3	7.3	88.4	88.4	11.9	12.0	<0.1	<0.1	7	7.5
			22.6		7.8		7.3		88.3		12.1		<0.1		8	
C3b	13:04	<0.5	21.4	21.4	8	8.0	7.7	7.7	92.4	92.5	18.1	18.3	<0.1	<0.1	10	9.5
			21.4		8		7.7		92.5		18.4		<0.1		9	
I5	12:46	<0.5	21.9	21.9	7.6	7.6	7.9	7.9	95.2	94.9	18.5	18.1	<0.1	<0.1	8	7
			21.9		7.6		7.9		94.6		17.7		<0.1		6	

Date of Monitoring 6/12/2013 Weather: Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:25	<0.5	22.3	22.3	7.7	7.7	8.0	8.0	95.5	95.5	10.1	10.4	<0.1	<0.1	6	5
			22.3		7.7		8.0		95.5		10.6		<0.1		4	
C3b	13:59	<0.5	19.6	19.6	8	8.0	7.9	7.9	92.1	92.2	21.3	20.5	<0.1	<0.1	7	6.5
			19.6		8		7.9		92.2		19.6		<0.1		6	
I5	13:45	<0.5	21.3	21.3	7.6	7.6	8.0	8.0	91.7	91.6	20.8	20.1	<0.1	<0.1	8	8.5
			21.3		7.6		8.0		91.5		19.4		<0.1		9	

Date of Monitoring 9/12/2013 Weather: Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:43	<0.5	24.4	24.4	7.6	7.6	7.5	7.5	90.2	90.2	18	18.2	<0.1	<0.1	10	10
			24.4		7.6		7.5		90.2		18.3		<0.1		10	
C3b	14:18	<0.5	22.6	22.6	7.9	7.9	7.7	7.7	88.7	88.7	21.4	21.9	<0.1	<0.1	13	13.5
			22.6		7.9		7.7		88.7		22.4		<0.1		14	
I5	14:00	<0.5	25.1	25.1	7.5	7.5	8.7	8.7	105.2	105.2	19.2	19.1	<0.1	<0.1	8	7
			25.1		7.5		8.7		105.1		18.9		<0.1		6	

NOTE:  
Data in **Bold** denotes exceedance of respective Action Level  
Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 11/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:41	<0.5	22.1	22.1	8.05	8.0	7.8	7.7	88.6	86.9	26.9	26.6	<0.1	<0.1	20	19.5
			22.2		8.04		7.5		85.2		26.3		<0.1		19	
			21.2		8.16		8.4		94.3		24		<0.1		17	
C3b	14:16	<0.5	21.2	21.2	8.15	8.2	8.4	8.4	94.2	94.3	24.1	24.4	24.4	<0.1	16	16.5
			21.2		8.15		8.4		94.2		24.4		<0.1		16	
			22.2		8.18		7.6		87.8		20.2		<0.1		6	
I5	14:00	<0.5	22.2	22.2	8.18	8.2	7.6	7.6	86.8	87.3	19	19.6	<0.1	<0.1	5	5.5
			22.2		8.18		7.6		86.8		19		<0.1		5	
			22.2		8.18		7.6		86.8		19		<0.1		5	

Date of Monitoring 13/12/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	9:49	<0.5	17.5	17.5	7.7	7.7	9.6	9.6	100.6	100.6	24.2	24.2	24.2	24.2	<0.1	21
			17.5		7.7		9.6		100.6		24.1		<0.1		21	
			17.3		8		9.5		96.2		12.9		<0.1		2	
C3b	9:17	<0.5	17.3	17.3	8	8.0	9.5	9.5	96.1	96.2	12.8	12.9	12.9	<0.1	3	2.5
			17.3		8		9.5		96.1		12.8		<0.1		3	
			17.3		8		9.5		96.1		12.8		<0.1		3	
I5	9:00	<0.5	17.3	17.3	7.2	7.2	8.8	8.8	99.2	99.2	13	13.0	13.0	<0.1	2	2
			17.3		7.2		8.8		99.2		13		<0.1		2	
			17.3		7.2		8.8		99.2		13		<0.1		2	

Date of Monitoring 16/12/2013 Weather : Rainy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:48	<0.5	15.6	15.6	7.7	7.7	9.4	9.4	94.4	94.4	34.5	36.1	36.1	<0.1	24	23.5
			15.6		7.7		9.4		94.4		37.7		<0.1		23	
			16.2		8		9.0		92.1		28		<0.1		10	
C3b	11:01	<0.5	16.2	16.2	8	8.0	9.0	9.0	92.1	92.1	26	27.0	27.0	<0.1	9	9.5
			16.2		8		9.0		92.1		26		<0.1		9	
			15.3		7.3		9.0		89.7		39.9		<0.1		20	
I5	11:18	<0.5	15.3	15.3	7.3	7.3	9.0	9.0	89.8	89.8	42.4	41.2	41.2	<0.1	18	19
			15.3		7.3		9.0		89.8		42.4		<0.1		18	
			15.3		7.3		9.0		89.8		42.4		<0.1		18	

Date of Monitoring 18/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	13:33	<0.5	18.6	18.6	7.7	7.7	8.8	8.8	91.1	91.1	20.5	21.0	21.0	<0.1	15	14.5
			18.6		7.7		8.8		91.1		21.5		<0.1		14	
			16.5		8.1		8.6		93.3		17.9		<0.1		8	
C3b	13:17	<0.5	16.5	16.5	8.1	8.1	8.6	8.6	93.3	93.3	18	18.0	18.0	<0.1	8	8
			16.5		8.1		8.6		93.3		18		<0.1		8	
			16.9		7.5		8.4		87.6		48.6		<0.1		28	
I5	12:55	<0.5	16.9	16.9	7.5	7.5	8.8	8.6	87.6	87.6	48.7	48.7	48.7	<0.1	28	28
			16.9		7.5		8.8		87.6		48.7		<0.1		28	
			16.9		7.5		8.8		87.6		48.7		<0.1		28	

Date of Monitoring 20/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	13:35	<0.5	20.4	20.4	7.7	7.7	7.7	7.5	85.2	83.0	30.1	29.8	29.8	<0.1	30	29.5
			20.4		7.7		7.3		80.7		29.4		<0.1		29	
			18.1		8.1		8.6		90.9		25.7		<0.1		13	
C3b	13:16	<0.5	18.1	18.1	8.1	8.1	8.6	8.6	90.8	90.9	24.4	25.1	25.1	<0.1	12	12.5
			18.1		8.1		8.6		90.8		24.4		<0.1		12	
			18.2		7.5		8.8		93.3		24.1		<0.1		13	
I5	12:49	<0.5	18.2	18.2	7.5	7.5	8.4	8.6	89.3	91.3	25.3	24.7	24.7	<0.1	14	13.5
			18.2		7.5		8.4		89.3		25.3		<0.1		14	
			18.2		7.5		8.4		89.3		25.3		<0.1		14	

Date of Monitoring 23/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:40	<0.5	18.2	18.2	7.7	7.7	9.5	9.3	96.7	95.0	42.9	43.5	43.5	<0.1	32	32.5
			18.2		7.7		9.1		93.2		44.1		<0.1		33	
			16.6		8		9.4		96.5		37.4		<0.1		9	
C3b	11:21	<0.5	16.6	16.6	8	8.0	9.4	9.5	97.7	97.1	36.9	37.2	37.2	<0.1	9	9
			16.6		8		9.5		97.7		36.9		<0.1		9	
			16.3		7.3		8.2		87.2		36.3		<0.1		13	
I5	11:03	<0.5	16.3	16.3	7.3	7.3	8.2	8.2	87.1	87.2	37.8	37.1	37.1	<0.1	14	13.5
			16.3		7.3		8.2		87.1		37.8		<0.1		14	
			16.3		7.3		8.2		87.1		37.8		<0.1		14	

Date of Monitoring 24/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:26	<0.5	15.3	15.3	7.6	7.6	8.5	8.4	85.2	84.3	42.8	42.0	42.0	<0.1	62	60
			15.3		7.6		8.3		83.3		41.1		<0.1		58	
			13.8		8		8.3		80.3		26.2		<0.1		4	
C3b	10:07	<0.5	13.8	13.8	8	8.0	8.4	8.4	81	80.7	27.3	26.8	26.8	<0.1	3	3.5
			13.8		8		8.4		81		27.3		<0.1		3	
			14.3		7.5		8.5		83.3		23.5		<0.1		6	
I5	9:51	<0.5	14.3	14.3	7.5	7.5	9.0	8.8	88	85.7	24.5	24.0	24.0	<0.1	5	5.5
			14.3		7.5		9.0		88		24.5		<0.1		5	
			14.3		7.5		9.0		88		24.5		<0.1		5	

Date of Monitoring 27/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:07	<0.5	15.2	15.2	7.6	7.6	8.5	8.6	84.6	85.0	20.1	20.2	20.2	<0.1	9	9
			15.2		7.6		8.6		85.3		20.3		<0.1		9	
			14		8		8.7		84.7		21.4		<0.1		14	
C3b	10:44	<0.5	14	14.0	8	8.0	8.5	8.6	82.2	83.5	21.4	21.4	21.4	<0.1	14	14
			14		8		8.5		82.2		21.4		<0.1		14	
			13.8		7.4		9.6		93.2		28.8		<0.1		9	
I5	10:30	<0.5	13.8	13.8	7.4	7.4	9.1	9.4	87.9	90.6	28.8	28.8	28.8	<0.1	9	9
			13.8		7.4		9.1		87.9		28.8		<0.1		9	
			13.8		7.4		9.1		87.9		28.8		<0.1		9	

NOTE:  
Data in **Bold** denotes exceedance of respective Action Level  
Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
 Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 30/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	12:10	<0.5	16.7	16.7	7.6	7.6	8.2	8.3	84.3	85.1	52.1	52.0	<0.1	<0.1	58	57.5
			16.7		7.6		8.3		51.8		<0.1		57			
			14.4		8.1		9.1		26.9		<0.1		16			
C3b	11:30	<0.5	14.4	14.4	8.1	8.1	8.8	9.0	88.9	87.5	26.9	26.6	<0.1	<0.1	18	17
			14.4		8.1		8.8		26.3		<0.1		18			
			15.1		7.4		8.3		82.4		18.5		<0.1		6	
I5	11:44	<0.5	15.1	15.1	7.4	7.4	8.4	8.4	82.4	83.1	18.5	18.9	<0.1	<0.1	5	5.5
			15.1		7.4		8.4		19.3		<0.1		5			
			15.1		7.4		8.4		19.3		<0.1		5			

Date of Monitoring 2/1/2014 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:59	<0.5	17.2	17.2	7.7	7.7	8.4	8.4	87.7	87.7	18.6	18.9	<0.1	<0.1	17	17.5
			17.2		7.7		8.4		19.2		<0.1		18			
			15.9		8		8.5		25.7		<0.1		21			
C3b	10:28	<0.5	15.9	15.9	8	8.0	8.6	8.6	86.4	86.8	26.1	25.9	<0.1	<0.1	22	21.5
			15.9		8		8.6		26.1		<0.1		22			
			15.9		7.5		8.1		81.8		31.8		<0.1		9	
I5	10:44	<0.5	15.9	15.9	7.5	7.5	8.1	8.1	81.8	81.8	33.1	<b>32.5</b>	<0.1	<0.1	9	9
			15.9		7.5		8.1		33.1		<0.1		9			
			15.9		7.5		8.1		33.1		<0.1		9			

Date of Monitoring 4/1/2014 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:00	<0.5	16.4	16.4	7.7	7.7	8.5	8.5	86.7	86.7	36.1	36.2	<0.1	<0.1	18	19
			16.4		7.7		8.5		36.2		<0.1		20			
			16.8		8		8.8		33.4		<0.1		6			
C3b	10:18	<0.5	16.8	16.8	8	8.0	8.8	8.8	90.4	90.4	36.1	34.8	<0.1	<0.1	6	6
			16.8		8		8.8		36.1		<0.1		6			
			17.1		7.5		7.9		82.1		29.2		<0.1		5	
I5	10:29	<0.5	17.1	17.1	7.5	7.5	7.9	7.9	82.1	82.1	30.2	29.7	<0.1	<0.1	6	5.5
			17.1		7.5		7.9		30.2		<0.1		6			
			17.1		7.5		7.9		30.2		<0.1		6			

Date of Monitoring 6/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:51	<0.5	18.7	18.7	7.6	7.6	7.1	7.1	75.8	75.8	26.1	25.6	<0.1	<0.1	22	21
			18.7		7.6		7.1		25.1		<0.1		20			
			18.1		8.1		8.2		15.4		<0.1		9			
C3b	12:19	<0.5	18.1	18.1	8.1	8.1	8.2	8.2	86.7	86.7	15.9	15.7	<0.1	<0.1	9	9
			18.1		8.1		8.2		15.9		<0.1		9			
			18.6		7.4		8.1		16.9		<0.1		8			
I5	12:33	<0.5	18.6	18.6	7.4	7.4	8.1	8.1	87.1	87.1	17.1	17.0	<0.1	<0.1	7	7.5
			18.6		7.4		8.1		17.1		<0.1		7			
			18.6		7.4		8.1		17.1		<0.1		7			

Date of Monitoring 8/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:31	<0.5	20.2	20.2	7.6	7.6	7.9	7.9	86.8	86.8	41.8	41.5	<0.1	<0.1	36	35.5
			20.2		7.6		7.9		41.2		<0.1		35			
			20.4		8.1		7.8		41.6		<0.1		9			
C3b	9:55	<0.5	20.4	20.4	8.1	8.1	7.8	7.8	86.3	86.3	41.1	41.4	<0.1	<0.1	10	9.5
			20.4		8.1		7.8		41.1		<0.1		10			
			19.5		7.4		8.5		33.2		<0.1		7			
I5	10:13	<0.5	19.5	19.5	7.4	7.4	8.5	8.5	92.5	92.5	33.7	33.5	<0.1	<0.1	7	7
			19.5		7.4		8.5		33.7		<0.1		7			
			19.5		7.4		8.5		33.7		<0.1		7			

Date of Monitoring 10/1/2014 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:33	<0.5	17	17.0	7.7	7.7	7.6	7.6	78.4	78.4	25.5	25.5	<0.1	<0.1	14	14.5
			17		7.7		7.6		25.5		<0.1		15			
			16.6		8		8.6		16.8		<0.1		4			
C3b	10:05	<0.5	16.6	16.6	8	8.0	8.6	8.6	88.1	88.1	16.8	16.8	<0.1	<0.1	4	4
			16.6		8		8.6		16.8		<0.1		4			
			17		7.5		8.6		15.6		<0.1		7			
I5	10:16	<0.5	17	17.0	7.5	7.5	8.6	8.6	89	89.0	15.6	15.6	<0.1	<0.1	6	6.5
			17		7.5		8.6		15.6		<0.1		6			
			17		7.5		8.6		15.6		<0.1		6			

Date of Monitoring 13/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:00	<0.5	14	14.0	7.1	7.1	10.3	10.3	99.8	99.8	17	17.5	<0.1	<0.1	4	4.5
			14		7.1		10.3		18		<0.1		5			
			14		7.8		10.0		18.1		<0.1		5			
C3b	10:17	<0.5	14	14.0	7.8	7.8	10.1	10.1	97.6	97.5	17.1	17.6	<0.1	<0.1	4	4.5
			14		7.8		10.1		17.1		<0.1		4			
			14.5		7.4		10.1		16		<0.1		3			
I5	9:40	<0.5	14.5	14.5	7.4	7.4	10.1	10.1	98.58	98.7	17.3	16.7	<0.1	<0.1	3	3
			14.5		7.4		10.1		17.3		<0.1		3			
			14.5		7.4		10.1		17.3		<0.1		3			

Date of Monitoring 15/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:01	<0.5	20.4	20.4	7.1	7.1	7.5	7.6	82.8	84.2	16.9	17.4	<0.1	<0.1	7	7
			20.4		7.1		7.7		17.8		<0.1		7			
			18.5		7.8		8.5		20.8		<0.1		5			
C3b	13:46	<0.5	18.5	18.5	7.8	7.8	8.6	8.6	92	91.4	22.9	21.9	<0.1	<0.1	6	5.5
			18.5		7.8		8.6		22.9		<0.1		6			
			20		7.4		8.0		21.7		<0.1		10			
I5	13:30	<0.5	20	20.0	7.4	7.4	7.5	7.8	82.5	85.0	22.5	22.1	<0.1	<0.1	12	<b>11</b>
			20		7.4		7.5		22.5		<0.1		12			
			20		7.4		7.5		22.5		<0.1		12			

NOTE:  
 Data in **Bold** denotes exceedance of respective Action Level  
 Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
 Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 17/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	13:03	<0.5	19.5	19.5	7.7	7.7	7.9	7.8	85.6	84.9	25.6	25.4	<0.1	<0.1	9	9.5
			19.5		7.7		7.7		84.1		25.2		<0.1		10	
C3b	13:41	<0.5	19.5	19.5	8	8.0	8.4	8.4	91.1	91.1	21.2	20.8	<0.1	<0.1	4	3.5
			19.5		8		8.4		91.1		20.3		<0.1		3	
I5	13:27	<0.5	18.8	18.8	7.5	7.5	7.6	7.6	81.9	81.9	19	19.3	<0.1	<0.1	7	7
			18.8		7.5		7.6		81.9		19.5		<0.1		7	

Date of Monitoring 20/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:07	<0.5	21	21.0	7.1	7.1	7.5	7.5	84	84.0	22.8	22.7	<0.1	<0.1	9	9
			21		7.1		7.5		84		22.5		<0.1		9	
C3b	13:56	<0.5	19.9	19.9	7.8	7.8	7.3	7.3	80.3	80.3	12.7	12.8	<0.1	<0.1	5	5
			19.9		7.8		7.3		80.3		12.8		<0.1		5	
I5	13:53	<0.5	20.8	20.8	7.4	7.4	7.9	7.9	87.9	87.9	14.1	14.0	<0.1	<0.1	6	6
			20.8		7.4		7.9		87.9		13.8		<0.1		6	

Date of Monitoring 22/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:01	<0.5	19.3	19.3	7.7	7.7	8.7	8.7	94.2	94.2	22.9	22.3	<0.1	<0.1	6	6
			19.3		7.7		8.7		94.2		21.6		<0.1		6	
C3b	13:41	<0.5	18.1	18.1	8	8.0	8.4	8.4	89.4	89.4	23.8	23.5	<0.1	<0.1	6	6.5
			18.1		8		8.4		89.4		23.1		<0.1		7	
I5	13:33	<0.5	19.7	19.7	7.5	7.5	7.9	7.9	86.4	86.4	13.4	13.6	<0.1	<0.1	6	5.5
			19.7		7.5		7.9		86.4		13.7		<0.1		5	

Date of Monitoring 24/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:28	<0.5	21.5	21.5	7.7	7.7	7.2	7.2	81.7	81.7	15.7	15.9	<0.1	<0.1	4	4
			21.5		7.7		7.2		81.7		16		<0.1		4	
C3b	13:49	<0.5	19.8	19.8	8	8.0	8.2	8.2	89.8	89.8	28.8	29.4	<0.1	<0.1	7	6
			19.8		8		8.2		89.8		29.9		<0.1		5	
I5	13:33	<0.5	20.8	20.8	7.5	7.5	8.0	8.0	89	89.0	31	30.4	<0.1	<0.1	10	<b>9.5</b>
			20.8		7.5		8.0		89		29.7		<0.1		9	

Date of Monitoring 27/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:55	<0.5	21.1	21.1	7.7	7.7	7.4	7.4	83.8	83.8	22.1	22.2	<0.1	<0.1	7	6.5
			21.1		7.7		7.4		83.8		22.2		<0.1		6	
C3b	14:31	<0.5	20.9	20.9	8	8.0	7.4	7.4	82.7	82.7	26.1	26.1	<0.1	<0.1	9	9.5
			20.9		8		7.4		82.7		26		<0.1		10	
I5	14:11	<0.5	22.1	22.1	7.5	7.5	7.9	7.9	90.9	90.9	14.2	14.2	<0.1	<0.1	8	8
			22.1		7.5		7.9		90.9		14.1		<0.1		8	

Date of Monitoring 29/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:40	<0.5	23	23.0	7.7	7.7	7.4	7.4	86.3	86.3	24	23.8	<0.1	<0.1	3	3
			23		7.7		7.4		86.3		23.5		<0.1		3	
C3b	14:19	<0.5	21.9	21.9	8	8.0	7.4	7.4	84.4	84.4	22.7	22.7	<0.1	<0.1	4	4
			21.9		8		7.4		84.4		22.6		<0.1		4	
I5	14:32	<0.5	23.1	23.1	7.5	7.5	7.7	7.7	90.2	90.2	22.3	22.7	<0.1	<0.1	4	4.5
			23		7.5		7.7		90.2		23.1		<0.1		5	

Date of Monitoring 30/1/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:35	<0.5	23.1	23.1	7.7	7.7	6.9	6.9	81.3	81.3	29.9	29.5	<0.1	<0.1	5	5
			23.1		7.7		6.9		81.3		29		<0.1		5	
C3b	14:03	<0.5	22.9	22.9	8	8.0	7.5	7.7	87.9	89.9	22.7	22.8	<0.1	<0.1	5	4.5
			22.9		8		7.9		91.8		22.9		<0.1		4	
I5	14:17	<0.5	23.9	23.9	7.5	7.5	7.0	7.0	82.8	82.8	24.8	24.9	<0.1	<0.1	6	6
			23.9		7.5		7.0		82.8		24.9		<0.1		6	

Date of Monitoring 5/2/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:13	<0.5	21.9	21.9	7.8	7.8	7.3	7.3	83.4	83.4	23.3	22.8	<0.1	<0.1	9	9
			21.9		7.8		7.3		83.3		22.3		<0.1		9	
C3b	13:56	<0.5	20.6	20.6	7.9	7.9	7.7	7.7	85.2	85.1	23.5	23.4	<0.1	<0.1	6	5.5
			20.6		7.9		7.7		85		23.3		<0.1		5	
I5	13:47	<0.5	20.9	20.9	7.9	7.9	9.3	9.3	104.5	104.5	24.7	24.0	<0.1	<0.1	9	9.5
			20.9		7.9		9.3		104.4		23.3		<0.1		10	

NOTE:  
 Data in **Bold** denotes exceedance of respective Action Level  
 Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 7/2/2014 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:19	<0.5	22.9	23.0	7.8	7.8	6.8	6.8	80.1	79.8	33.2	33.0	<0.1	<0.1	5	5.5
			23		7.8		6.9		79.4		32.8		<0.1		6	
C3b	14:07	<0.5	22.1	22.1	7.8	7.9	7.6	7.6	87.2	87.3	38.6	40.1	<0.1	<0.1	4	4.5
			22.1		7.9		7.6		87.4		41.6		<0.1		5	
I5	13:58	<0.5	22.5	22.6	7.7	7.8	9.2	9.1	105.6	105.5	33.8	35.5	<0.1	<0.1	9	9
			22.6		7.8		9.1		105.3		37.2		<0.1		9	

Date of Monitoring 10/2/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:44	<0.5	13.2	13.2	7.8	7.8	8.6	8.7	82.2	83.2	48.8	48.8	<0.1	<0.1	68	67.5
			13		7.8		8.8		84.1		48.8		<0.1		67	
C3b	11:29	<0.5	13	13.0	8	8.0	9.5	9.5	90	90.0	48.5	48.5	<0.1	<0.1	8	9
			13		8		9.5		90		48.4		<0.1		10	
I5	11:16	<0.5	13.5	13.5	7.9	7.9	8.8	8.8	85	85.0	46.9	46.9	<0.1	<0.1	7	7
			13.5		7.9		8.8		85		46.9		<0.1		7	

Date of Monitoring 12/2/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:56	<0.5	11.5	11.5	7.9	7.9	8.5	8.5	78.3	78.3	14.1	14.1	<0.1	<0.1	17	16
			11.5		7.9		8.5		78.3		14.1		<0.1		15	
C3b	11:24	<0.5	11.8	11.8	8.1	8.1	9.8	9.8	90.6	90.6	13.1	13.1	<0.1	<0.1	7	6.5
			11.8		8.1		9.8		90.6		13.1		<0.1		6	
I5	11:31	<0.5	11.6	11.6	7.9	7.9	8.9	8.9	82	82.0	11.1	11.1	<0.1	<0.1	4	4
			11.6		7.9		8.9		82		11		<0.1		4	

Date of Monitoring 14/2/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:23	<0.5	11.7	11.7	7.8	7.8	9.2	9.2	84.6	84.6	24.3	24.3	<0.1	<0.1	3.7	3.9
			11.7		7.8		9.2		84.6		24.3		<0.1		4	
C3b	9:47	<0.5	12	12.0	8	8.0	9.1	9.1	84.5	84.5	33.1	33.1	<0.1	<0.1	7.3	8.4
			12		8		9.1		84.5		33.1		<0.1		9.5	
I5	10:05	<0.5	12.1	12.1	7.7	7.7	8.7	8.7	80.9	81.0	26.1	26.1	<0.1	<0.1	3.9	3.7
			12.1		7.7		8.7		81		26.1		<0.1		3.4	

Date of Monitoring 17/2/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:29	<0.5	18.7	18.7	7.8	7.8	7.6	7.6	81.4	81.4	55.6	55.6	<0.1	<0.1	48	45
			18.7		7.8		7.6		81.4		55.6		<0.1		42	
C3b	11:06	<0.5	19.9	19.9	8	8.1	8.0	8.0	88	88.0	70.3	70.3	<0.1	<0.1	21	23
			19.9		8.1		8.0		88		70.3		<0.1		25	
I5	11:13	<0.5	19.8	19.8	7.7	7.7	7.7	7.7	84	84.0	68.9	68.9	<0.1	<0.1	41	38.5
			19.8		7.7		7.7		84		68.9		<0.1		36	

Date of Monitoring 19/2/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	17:44	<0.5	13.1	13.1	7.8	7.8	9.2	9.2	87.1	87.2	13.6	13.6	<0.1	<0.1	<3	#DIV/0!
			13.1		7.8		9.2		87.2		13.5		<0.1		<3	
C3b	17:11	<0.5	13.4	13.4	8	8.1	8.9	8.9	85.1	85.1	28.4	28.4	<0.1	<0.1	16	16
			13.4		8.1		8.9		85.1		28.4		<0.1		16	
I5	17:21	<0.5	13.4	13.4	7.7	7.7	8.4	8.4	80.5	80.5	25.3	25.3	<0.1	<0.1	5.3	5.2
			13.4		7.7		8.4		80.4		25.2		<0.1		5.1	

Date of Monitoring 21/2/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:03	<0.5	16.1	16.1	7.8	7.8	7.9	7.9	80.6	80.6	26.5	26.5	<0.1	<0.1	15	13.5
			16.1		7.8		7.9		80.6		26.5		<0.1		12	
C3b	10:31	<0.5	15.4	15.4	8	8.0	8.4	8.4	83.8	83.8	23.8	23.8	<0.1	<0.1	16	16
			15.4		8		8.4		83.8		23.8		<0.1		16	
I5	10:42	<0.5	15.8	15.8	7.7	7.7	7.5	7.5	75.5	75.5	21.2	21.2	<0.1	<0.1	11	10.5
			15.8		7.7		7.5		75.5		21.2		<0.1		10	

Date of Monitoring 24/2/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:34	<0.5	21.7	21.7	7.9	7.9	8.0	8.0	91.4	91.4	21.1	21.1	<0.1	<0.1	14	13.5
			21.7		7.9		8.0		91.4		21.1		<0.1		13	
C3b	11:01	<0.5	20.4	20.4	8.1	8.1	7.5	7.5	83.6	83.6	26.6	26.6	<0.1	<0.1	7.8	7.2
			20.4		8.1		7.5		83.6		26.6		<0.1		6.6	
I5	11:17	<0.5	20.1	20.1	7.7	7.7	7.6	7.6	83.5	83.5	28.1	28.1	<0.1	<0.1	6.5	6.5
			20.1		7.7		7.6		83.5		28.1		<0.1		6.5	

NOTE:

Data in **Bold** denotes exceedance of respective Action Level  
Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
 Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 26/2/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:04	<0.5	20.2	20.2	7.8	7.8	7.7	7.8	85.2	85.9	17.2	17.2	<0.1	<0.1	15	17
			20.2		7.8		7.8		86.6		17.2		<0.1		19	
C3b	10:31	<0.5	19.9	19.9	8	8.0	7.4	7.4	81.5	81.5	18.1	18.1	<0.1	<0.1	8.2	7.4
			19.9		8		7.4		81.5		18.1		<0.1		6.6	
I5	10:47	<0.5	19.7	19.7	7.7	7.7	7.6	7.6	83.7	83.7	17.9	17.9	<0.1	<0.1	6.2	6.3
			19.7		7.7		7.6		83.7		17.9		<0.1		6.4	

Date of Monitoring 28/2/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:48	<0.5	19.5	19.5	7.8	7.8	7.5	7.5	81.6	81.6	27.7	27.7	27.7	27.7	<0.1	22
			19.5		7.8		7.5		81.6		27.7		<0.1		23	
C3b	11:21	<0.5	19.2	19.2	8	8.0	7.6	7.7	82.2	83.1	33.4	33.4	33.4	33.4	<0.1	14
			19.2		8		7.8		83.9		33.4		<0.1		24	
I5	11:29	<0.5	18.9	18.9	7.7	7.7	7.9	7.9	84.7	84.7	30.1	30.1	30.1	30.1	<0.1	9.8
			18.9		7.7		7.9		84.7		30.1		<0.1		12	

Date of Monitoring 3/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:13	<0.5	17.7	17.7	7.18	7.2	8.3	8.3	87.1	87.2	27.8	27.8	27.8	27.8	<0.1	29
			17.7		7.18		8.3		87.2		27.8		<0.1		31	
C3b	10:56	<0.5	17.6	17.6	8.27	8.3	6.8	6.8	71.2	71.2	61.6	61.8	61.8	61.8	<0.1	8
			17.6		8.27		6.8		71.2		61.9		<0.1		7.6	
I5	10:45	<0.5	17.5	17.5	8.24	8.2	7.6	7.6	80	80.0	56.2	56.2	56.2	56.2	<0.1	16
			17.5		8.24		7.6		80		56.1		<0.1		16	

Date of Monitoring 5/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	9:41	<0.5	17.7	17.7	7.4	7.4	8.3	8.3	86.7	86.7	11	11.1	11.1	11.1	<0.1	10
			17.7		7.4		8.3		86.7		11		<0.1		10	
C3b	9:18	<0.5	17.5	17.5	8	8.0	8.2	8.2	85.7	85.7	8.7	8.7	8.7	8.7	<0.1	4
			17.4		8		8.2		85.7		8.7		<0.1		4.4	
I5	9:25	<0.5	17.4	17.6	7.4	7.4	7.6	7.6	79.9	79.9	11.4	11.5	11.5	11.5	<0.1	6.8
			17.7		7.4		7.6		79.9		11.5		<0.1		7	

Date of Monitoring 7/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	9:59	<0.5	16.4	16.4	7.6	7.6	7.9	7.9	81	81.0	13.6	13.7	13.7	13.7	<0.1	22
			16.4		7.6		7.9		81		13.8		<0.1		23	
C3b	9:30	<0.5	16.2	16.2	8	8.0	7.8	7.8	79.3	79.3	6.39	6.5	6.5	6.5	<0.1	9.2
			16.2		8		7.8		79.3		6.55		<0.1		7	
I5	9:41	<0.5	15.8	15.8	7.6	7.6	7.9	7.9	79.3	79.3	11	10.6	11	10.6	<0.1	4.2
			15.8		7.6		7.9		79.3		10.1		<0.1		5.2	

Date of Monitoring 10/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:29	<0.5	14.9	14.9	7.8	7.8	8.5	8.6	84.1	84.7	16.1	16.1	16.1	16.1	<0.1	12
			14.9		7.8		8.6		85.3		16.1		<0.1		19	
C3b	10:01	<0.5	15.1	15.1	8.3	8.3	8.7	8.7	86.4	86.4	9.88	9.9	9.88	9.9	<0.1	6
			15.1		8.3		8.7		86.4		9.88		<0.1		6.8	
I5	10:09	<0.5	14.7	14.7	8.1	8.1	7.8	7.7	77.2	76.4	16.4	16.4	16.4	16.4	<0.1	17
			14.7		8.1		7.7		75.6		16.4		<0.1		20	

Date of Monitoring 12/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:24	<0.5	17.6	16.8	7.5	7.5	8.2	8.2	78.1	78.1	8.2	8.2	8.2	8.2	<0.1	9.6
			16.8		7.5		8.2		78.1		8.2		<0.1		10	
C3b	10:01	<0.5	16.9	16.9	7.9	7.9	7.8	7.8	74.2	74.2	7.7	7.7	7.7	7.7	<0.1	6.6
			16.9		7.9		7.8		74.2		7.7		<0.1		7.4	
I5	10:09	<0.5	16.7	16.7	8	8.0	6.6	6.7	62.2	62.5	9.1	9.1	9.1	9.1	<0.1	8.6
			16.7		8		6.7		62.7		9.1		<0.1		9.4	

Date of Monitoring 14/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:23	<0.5	17.6	17.6	7.8	7.8	8.1	8.1	84.5	84.5	15.4	15.4	15.4	15.4	<0.1	6.6
			17.6		7.8		8.1		84.5		15.4		<0.1		6.6	
C3b	10:01	<0.5	17.4	17.4	8.1	8.1	8.4	8.4	87.6	87.6	33.1	33.1	33.1	33.1	<0.1	22
			17.4		8.1		8.4		87.6		33.1		<0.1		22	
I5	10:08	<0.5	17.9	17.9	7.9	7.9	8.0	8.0	84.2	84.2	19.4	19.4	19.4	19.4	<0.1	12
			17.9		7.9		8.0		84.2		19.4		<0.1		12	

NOTE:  
 Data in **Bold** denotes exceedance of respective Action Level  
 Data in **Bold Underline** denotes exceedance of respective Limit Level



Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
 Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring 17/3/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	14:21	<0.5	22.1	22.1	7.8	7.8	7.1	7.1	81.8	81.8	7.6	7.6	<0.1	<0.1	5.8	5.8
			24.4		7.8		7.1		81.8		7.6		<0.1		5.8	
C3b	14:00	<0.5	22.3	22.3	8.1	8.1	7.8	7.8	90.2	90.1	11.7	11.7	<0.1	<0.1	5.8	6.2
			22.3		8.1		7.8		89.9		11.7		<0.1		6.6	
I5	14:07	<0.5	22.2	22.2	7.9	7.9	7.5	7.5	85.6	85.6	10	10.0	<0.1	<0.1	6	6.8
			22.2		7.9		7.5		85.6		10		<0.1		7.6	

Date of Monitoring 19/3/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:39	<0.5	18.2	24.4	7.8	7.8	7.5	7.5	89.6	89.6	11.8	11.8	<0.1	<0.1	9.2	8.4
			24.4		7.8		7.5		89.6		11.8		<0.1		7.6	
C3b	10:15	<0.5	23.9	23.9	8.1	8.1	6.6	6.6	78.8	78.8	10.6	10.6	<0.1	<0.1	4.3	4.6
			23.9		8.1		6.6		78.8		10.6		<0.1		4.8	
I5	10:23	<0.5	23.4	23.4	7.9	7.9	7.2	7.2	84.2	84.2	9.4	9.4	<0.1	<0.1	8.4	7.5
			23.4		7.9		7.2		84.2		9.4		<0.1		6.6	

Date of Monitoring 21/3/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:31	<0.5	18.2	18.2	7.8	7.8	7.6	7.6	80.1	80.1	43.4	43.4	<0.1	<0.1	8.2	8.4
			18		7.8		7.6		80.1		43.4		<0.1		8.6	
C3b	10:15	<0.5	18	18.0	8.1	8.1	8.4	8.4	88.6	88.6	51.2	51.2	<0.1	<0.1	13	13
			18		8.1		8.4		88.6		51.2		<0.1		13	
I5	10:06	<0.5	17.8	17.8	7.9	7.9	7.6	7.6	79.8	79.8	49.7	49.7	<0.1	<0.1	11	9.9
			17.8		7.9		7.6		79.8		49.7		<0.1		8.8	

Date of Monitoring 24/3/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:34	<0.5	21	21.0	7.7	7.7	6.4	6.4	71.5	71.5	15.4	15.4	<0.1	<0.1	3.6	4.5
			21		7.7		6.4		71.5		15.4		<0.1		5.3	
C3b	10:11	<0.5	21	21.0	7.8	7.8	7.7	7.7	86.3	86.3	14.8	14.8	<0.1	<0.1	4.1	4.1
			21		7.8		7.7		86.3		14.8		<0.1		4	
I5	10:03	<0.5	20.3	20.3	7.9	7.9	8.6	8.6	95.3	95.3	12.3	12.3	<0.1	<0.1	13	<b>11.3</b>
			20.3		7.9		8.6		95.3		12.3		<0.1		9.6	

Date of Monitoring 26/3/2014 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:39	<0.5	24.3	24.3	7.8	7.8	6.9	6.9	82.9	82.9	13.5	13.5	<0.1	<0.1	4.4	4.6
			24.3		7.8		6.9		82.9		13.5		<0.1		4.8	
C3b	10:21	<0.5	24	24.0	8.1	8.1	6.6	6.6	78.1	78.1	9.81	9.81	<0.1	<0.1	3.2	4.9
			24		8.1		6.6		78.1		9.81		<0.1		6.6	
I5	10:09	<0.5	24.4	24.4	7.9	7.9	6.7	6.7	80.4	80.4	14.4	14.4	<0.1	<0.1	13	<b>13</b>
			24.4		7.9		6.7		80.4		14.4		<0.1		13	

Date of Monitoring 28/3/2014 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	10:47	<0.5	24.2	24.2	7.9	7.9	7.6	7.6	90.5	90.5	13.2	13.2	<0.1	<0.1	22	22
			24.2		7.9		7.6		90.5		13.2		<0.1		22	
C3b	10:01	<0.5	22.8	22.8	8.1	8.1	6.9	6.9	80.7	80.7	4.85	4.85	<0.1	<0.1	4.7	4.5
			22.8		8.1		6.9		80.7		4.85		<0.1		4.3	
I5	10:19	<0.5	23.4	23.4	7.9	7.9	6.8	6.8	79.5	79.5	13.3	13.3	<0.1	<0.1	10	9.7
			23.4		7.9		6.8		79.5		13.3		<0.1		9.4	

Date of Monitoring 31/3/2014 Weather : Rainy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:31	<0.5	19.6	19.6	7.9	7.9	7.6	7.6	83.3	83.3	87.7	87.7	<0.1	<0.1	71	72
			19.6		7.9		7.6		83.3		87.7		<0.1		73	
C3b	11:01	<0.5	19.5	19.5	7.9	7.9	8.0	8.0	87.4	87.4	90.3	90.3	<0.1	<0.1	77	75
			19.5		7.9		8.0		87.4		90.3		<0.1		73	
I5	11:09	<0.5	19.3	19.3	7.3	7.3	7.4	7.4	80.5	80.5	86.7	86.7	<0.1	<0.1	73	<b>72.5</b>
			19.3		7.3		7.4		80.5		86.7		<0.1		72	

Date of Monitoring 2/4/2014 Weather : Rainy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	11:13	<0.5	20	20.0	7.16	7.2	8.0	8.0	88.5	88.5	63.2	63.0	<0.1	<0.1	41	39
			20		7.16		8.0		88.5		62.8		<0.1		37	
C3b	11:35	<0.5	19.8	19.8	7.26	7.3	7.2	7.3	78.9	79.6	65	64.6	<0.1	<0.1	41	42.5
			19.8		7.26		7.3		80.2		64.1		<0.1		44	
I5	10:55	<0.5	19.8	19.8	7.52	7.5	7.5	7.5	82.3	82.3	73.1	72.0	<0.1	<0.1	46	<b>47.5</b>
			19.8		7.52		7.5		82.3		70.8		<0.1		49	

NOTE:  
 Data in **Bold** denotes exceedance of respective Action Level  
 Data in **Bold Underline** denotes exceedance of respective Limit Level

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
 Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

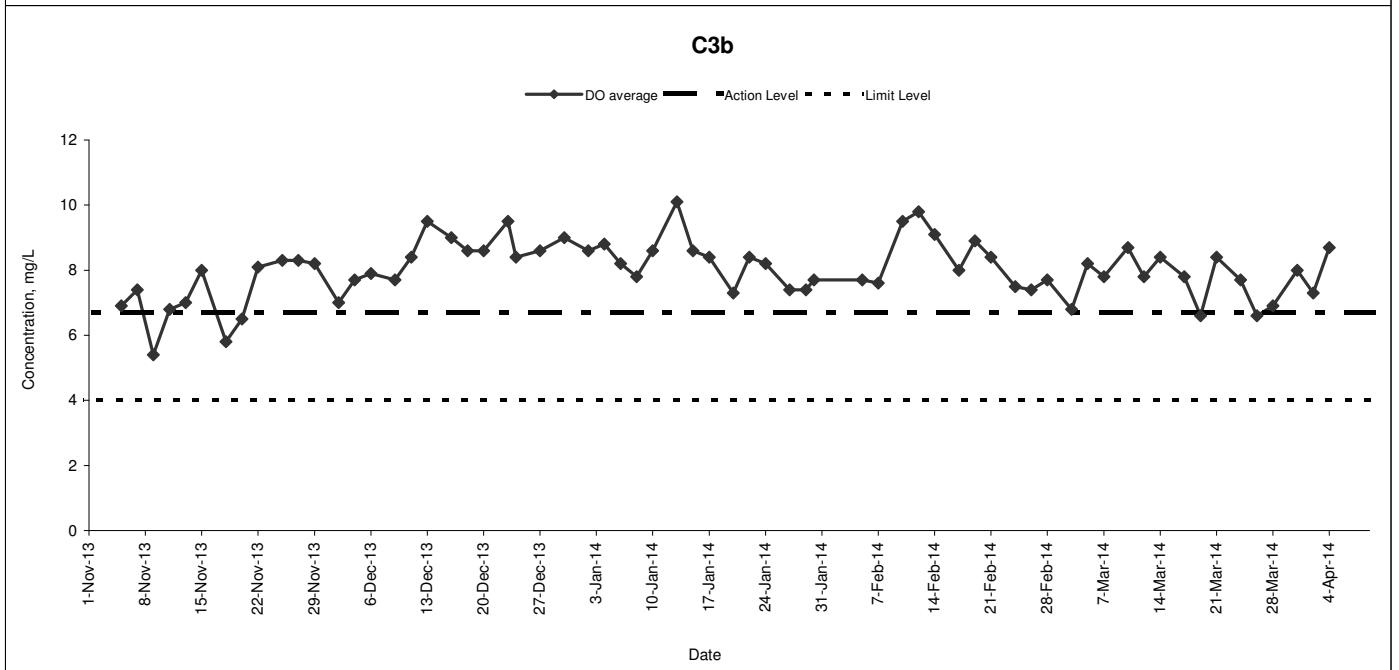
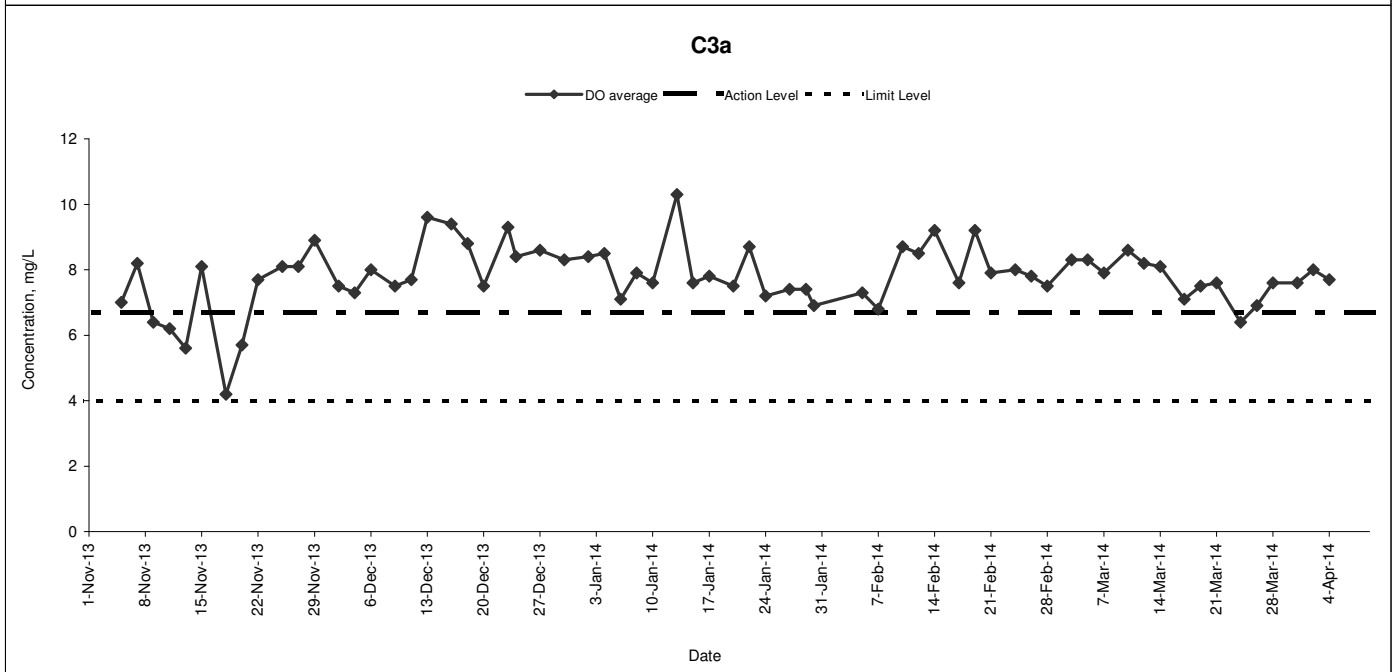
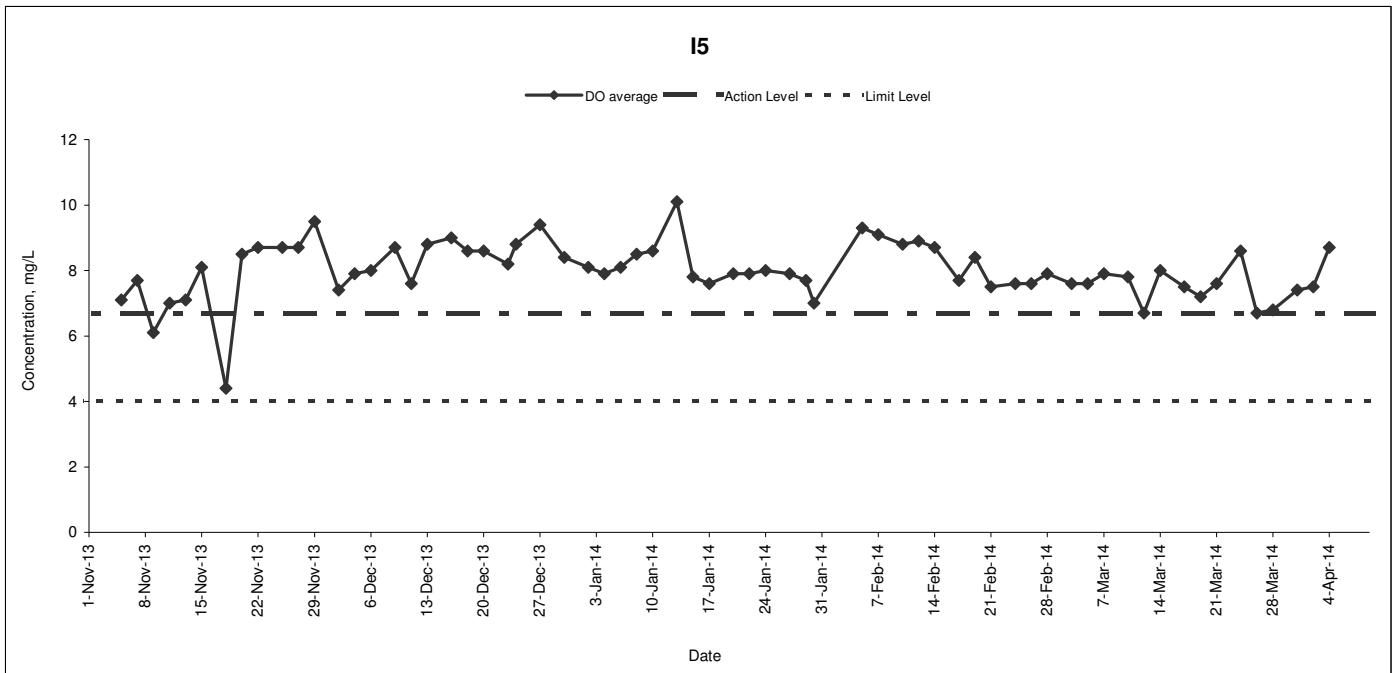
Date of Monitoring 4/4/2014

Weather : Cloudy

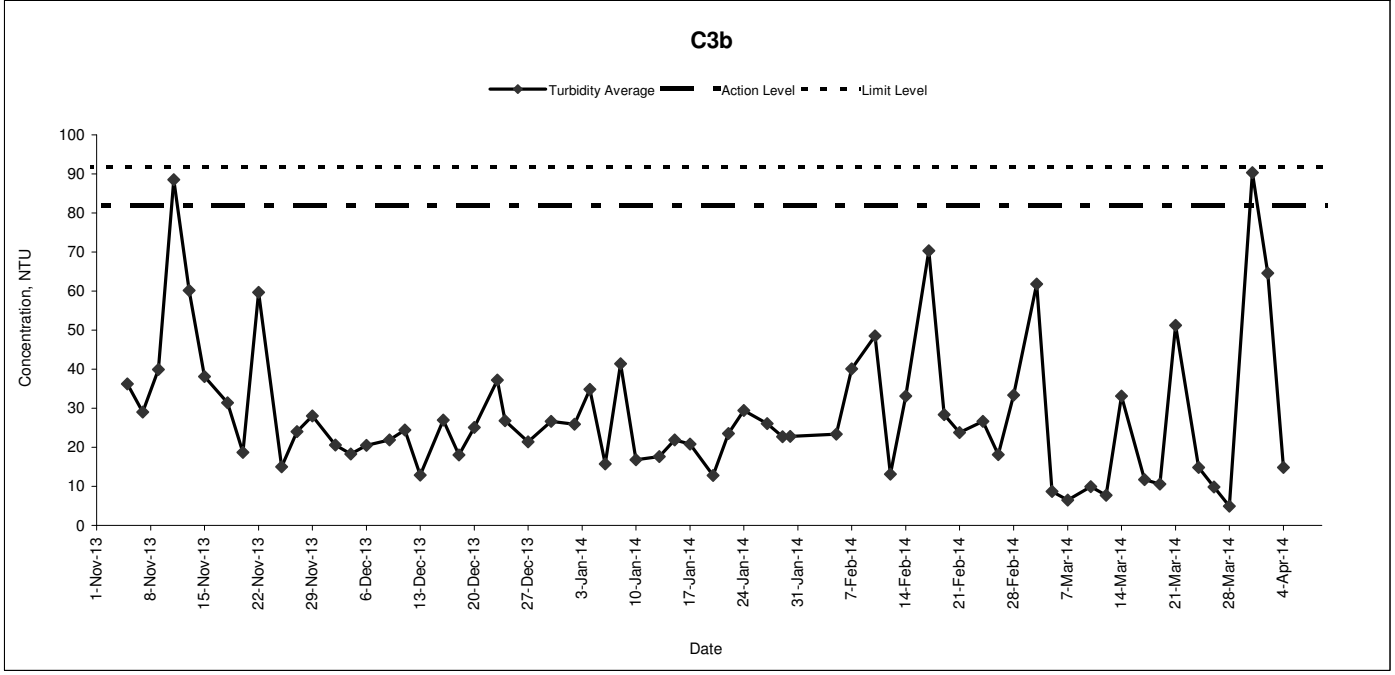
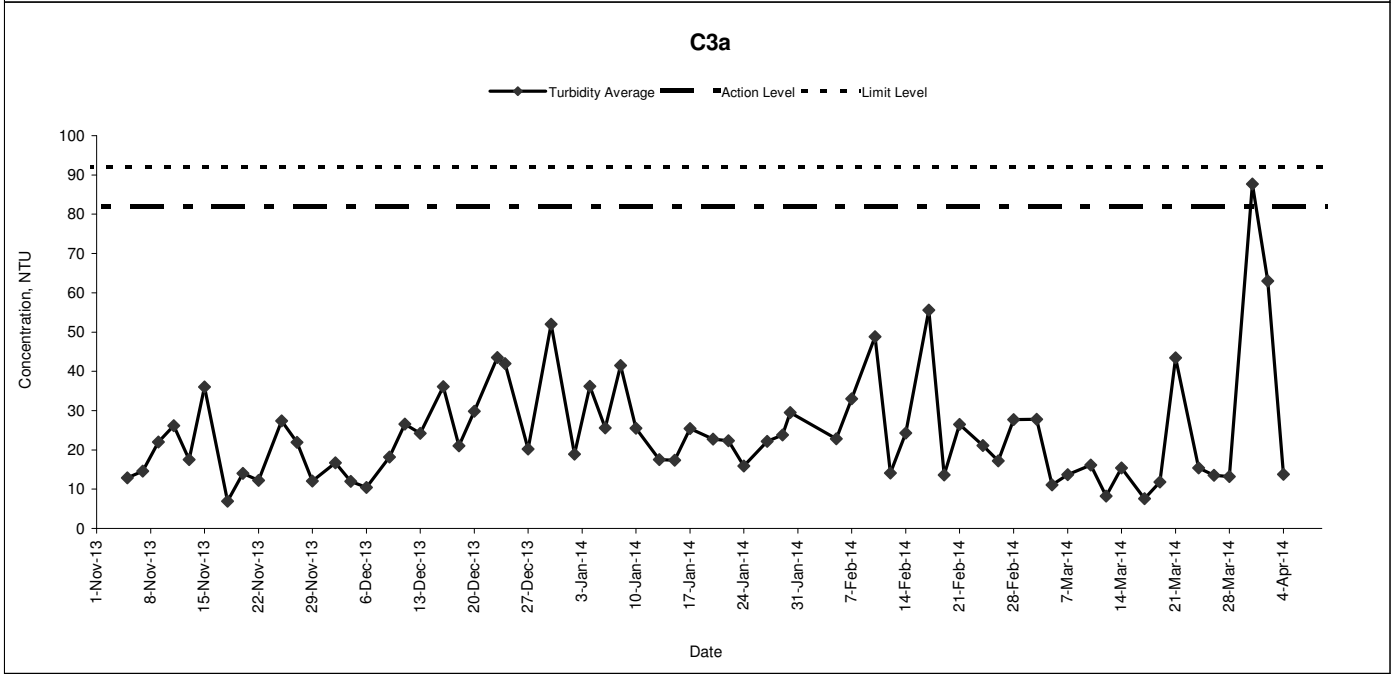
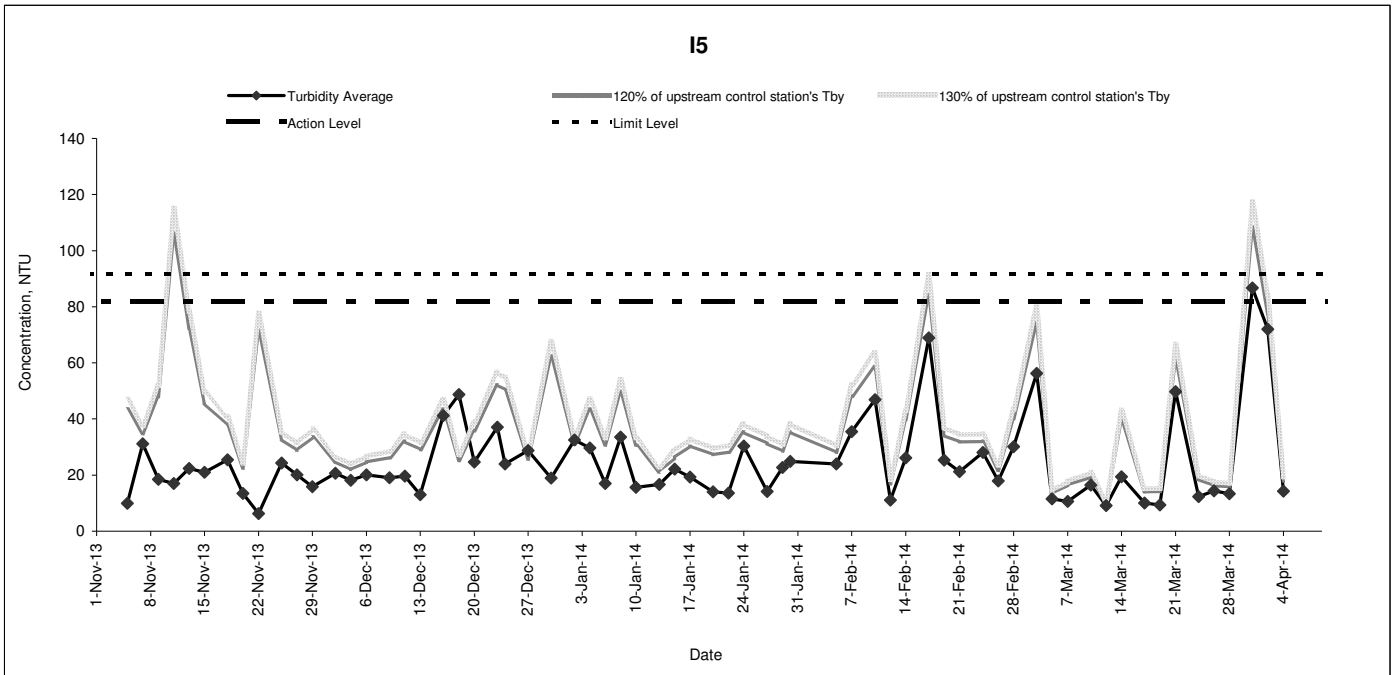
Monitoring Location	Time	Water Depth (m)	Temperature (oC)		pH		DO (mg/L)		DO (% saturation)		Turbidity (NTU)		Salinity (g/L)		SS (mg/L)	
			Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C3a	8:58	<0.5	20.1	20.1	7.6	7.6	7.7	7.7	85.4	85.4	13.8	13.8	<0.1	<0.1	9	9
			20.1		7.6		7.7		85.4		13.7		<0.1		9	
			19.3		7.8		8.7		93.9		14.8		<0.1		5	
C3b	8:41	<0.5	19.3	19.3	7.8	7.8	8.7	8.7	93.9	93.9	14.8	14.8	<0.1	<0.1	5	5
			19.3		7.8		8.7		93.9		14.8		<0.1		5	
			19.6		8.1		8.7		94.4		14.3		<0.1		5.6	
I5	8:35	<0.5	19.6	19.6	8.1	8.1	8.7	8.7	94.4	94.4	14.3	14.3	<0.1	<0.1	5.6	5.7
			19.6		8.1		8.7		94.4		14.3		<0.1		5.8	
			19.6		8.1		8.7		94.4		14.3		<0.1		5.8	

NOTE:  
 Data in **bold** denotes exceedance of respective Action Level  
 Data in **bold underline** denotes exceedance of respective Limit Level

# Dissolved Oxygen (November 2013 - April 2014)



# Turbidity (November 2013 - April 2014)



## Suspended Solid (November 2013 - April 2014)

