

**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: 11/5/2013 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
			24.1		7.6		7.0		83.6		12.1		9			
C3b	10:41	<0.5	23.7	23.7	8.1	8.1	6.9	6.9	81.2	81.2	35.0	36.2	0.1	0.1	52	52
			23.7		8.1		6.9		81.2		37.3		52			
I5	10:24	<0.5	23.5	23.5	7.9	7.9	7.1	7.1	83.8	83.1	9.7	9.9	0.1	0.1	7	6.5
			23.5		7.9		7.0		82.3		10.1		6			

Date of Monitoring: 11/7/2013 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	27.2	7.6	7.6	8.2	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		16			
C3b	10:41	<0.5	25.7	25.7	8.0	8.0	7.4	7.4	90.6	90.6	29.2	29.0	<0.1	<0.1	37	37.5
			25.7		8.0		7.4		90.6		28.7		38			
I5	10:24	<0.5	26.1	26.1	7.8	7.8	7.7	7.7	95.4	95.4	32.5	31.2	<0.1	<0.1	32	31.5
			26.1		7.8		7.7		95.4		29.8		31			

Date of Monitoring: 11/9/2013 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		24			
C3b	10:50	<0.5	25.9	25.9	8.0	8.0	5.4	5.4	66.3	66.2	38.7	39.9	<0.1	<0.1	27	27
			25.9		8.0		5.4		66.1		41.0		27			
I5	10:33	<0.5	25.3	25.3	7.7	7.7	6.1	6.1	74.5	74.2	19.5	18.5	<0.1	<0.1	20	21
			25.3		7.7		6.1		73.9		17.5		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		33			
C3b	11:34	<0.5	24.1	24.1	8.0	8.0	6.8	6.8	81.3	81.4	87.3	88.5	<0.1	<0.1	130	133
			24.1		8.0		6.8		81.4		89.6		136			
I5	11:17	<0.5	24.4	24.4	7.8	7.8	7.0	7.0	84.0	84.0	17.0	17.0	<0.1	<0.1	12	13
			24.4		7.8		7.0		83.9		16.9		14			

Date of Monitoring: 11/13/2013 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	65.0	64.2	17.1	17.5	<0.1	<0.1	18	17.5
			21.7		7.7		5.6		63.3		17.9		17			
C3b	11:14	<0.5	20.9	20.9	7.9	7.9	6.9	7.0	77.7	78.7	60.1	60.2	<0.1	<0.1	88	86
			20.9		7.9		7.1		79.7		60.2		84			
I5	11:25	<0.5	21.2	21.2	7.8	7.8	7.1	7.1	79.3	79.4	23.0	22.4	<0.1	<0.1	20	20.5
			21.2		7.8		7.1		79.4		21.8		21			

Date of Monitoring: 11/15/2013 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
			25.5		7.7		8.1		99.5		35.5		26			
C3b	11:21	<0.5	23.2	23.2	8.0	8.0	8.0	8.0	93.7	93.7	37.4	38.1	<0.1	<0.1	30	34
			23.2		8.0		8.0		93.6		38.7		38			
I5	11:34	<0.5	23.2	23.3	7.8	7.8	8.1	8.1	94.6	94.5	21.0	21.0	<0.1	<0.1	11	9.5
			23.3		7.8		8.1		94.3		21.0		8			

Date of Monitoring: 11/18/2013 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	22.5	22.5	7.7	7.7	4.0	4.2	46.2	48.9	7.8	6.9	<0.1	<0.1	10	9.5
			22.5		7.7		4.5		51.6		6.0		9			
C3b	18:07	<0.5	21.4	21.4	8.0	8.0	5.8	5.8	65.6	65.6	31.6	31.4	<0.1	<0.1	32	32
			21.4		8.0		5.8		65.5		31.1		32			
I5	18:19	<0.5	21.3	21.3	7.8	7.8	4.5	4.4	50.2	50.2	26.8	25.4	<0.1	<0.1	18	18
			21.3		7.8		4.4		50.2		23.9		18			

Date of Monitoring: 11/20/2013 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		65.0		13.2		8			
C3b	15:45	<0.5	21.4	21.4	8.0	8.0	6.5	6.5	73.7	73.4	18.7	18.7	<0.1	<0.1	8	9
			21.4		8.0		6.5		73.0		18.6		10			
I5	15:15	<0.5	22.2	22.3	7.9	7.9	8.5	8.5	97.7	97.9	13.5	13.5	<0.1	<0.1	6	7
			22.3		7.9		8.5		98.0		13.4		8			

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: 11/22/2013 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	14:38	<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	
			23.8		8.0		8.1		95.7		60.3		<0.1		35	
C3b	14:21	<0.5	23.8	23.8	8.0	8.0	8.1	8.1	95.8	95.8	59.7	59.7	<0.1	<0.1	35	35
			23.8		8.0		8.1		95.8		59.0		<0.1		35	
			24.6		7.7		8.7		104.5		6.2		<0.1		9	
I5	14:07	<0.5	24.6	24.6	7.7	7.7	8.7	8.7	104.3	104.4	6.3	6.3	<0.1	<0.1	9	8.5
			24.6		7.7		8.7		104.3		6.3		<0.1		8	

Date of Monitoring: 11/25/2013 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		7.4		8.1		95.1		28.8		<0.1		10	
			22.1		8.3		8.4		95.8		15.5		<0.1		22	
C3b	11:19	<0.5	22.1	22.1	8.3	8.3	8.3	8.3	95.7	95.7	15.5	15.0	<0.1	<0.1	22	22.5
			22.1		8.3		8.3		95.5		14.4		<0.1		23	
			21.7		7.5		8.7		99.0		24.0		<0.1		18	
I5	10:58	<0.5	21.7	21.7	7.5	7.5	8.7	8.7	98.8	98.8	24.3	24.3	<0.1	<0.1	18	18.5
			21.7		7.5		8.7		98.6		24.5		<0.1		19	

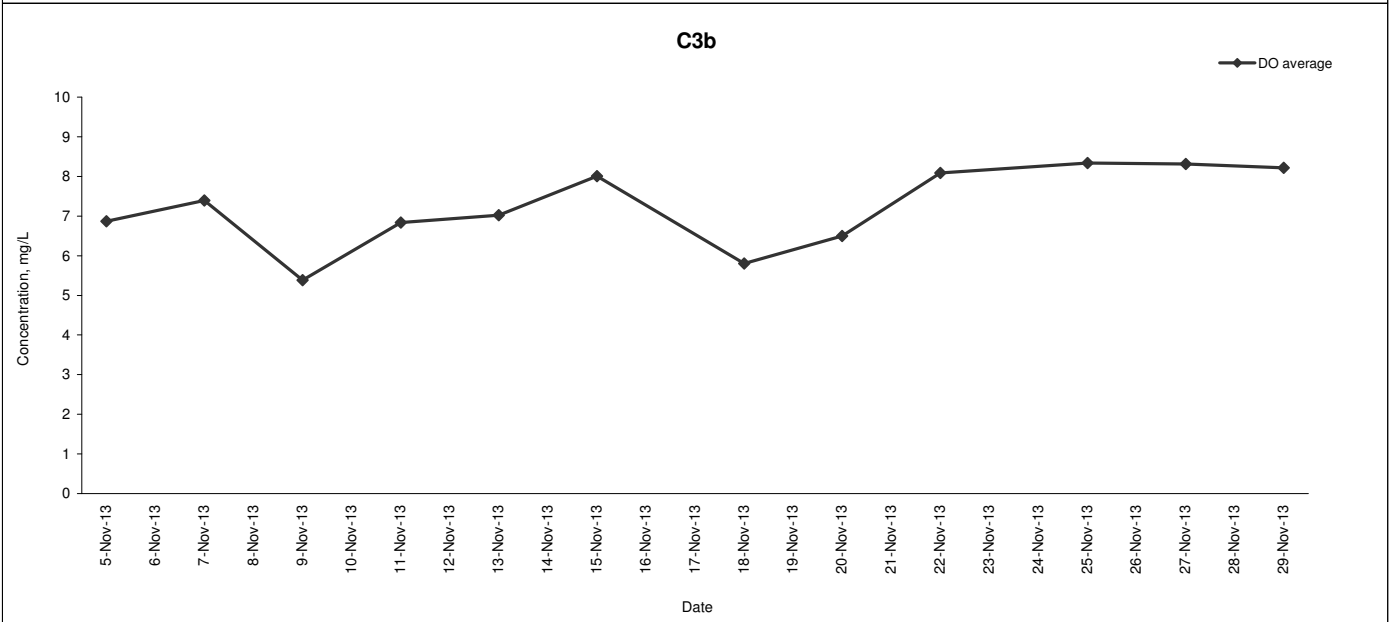
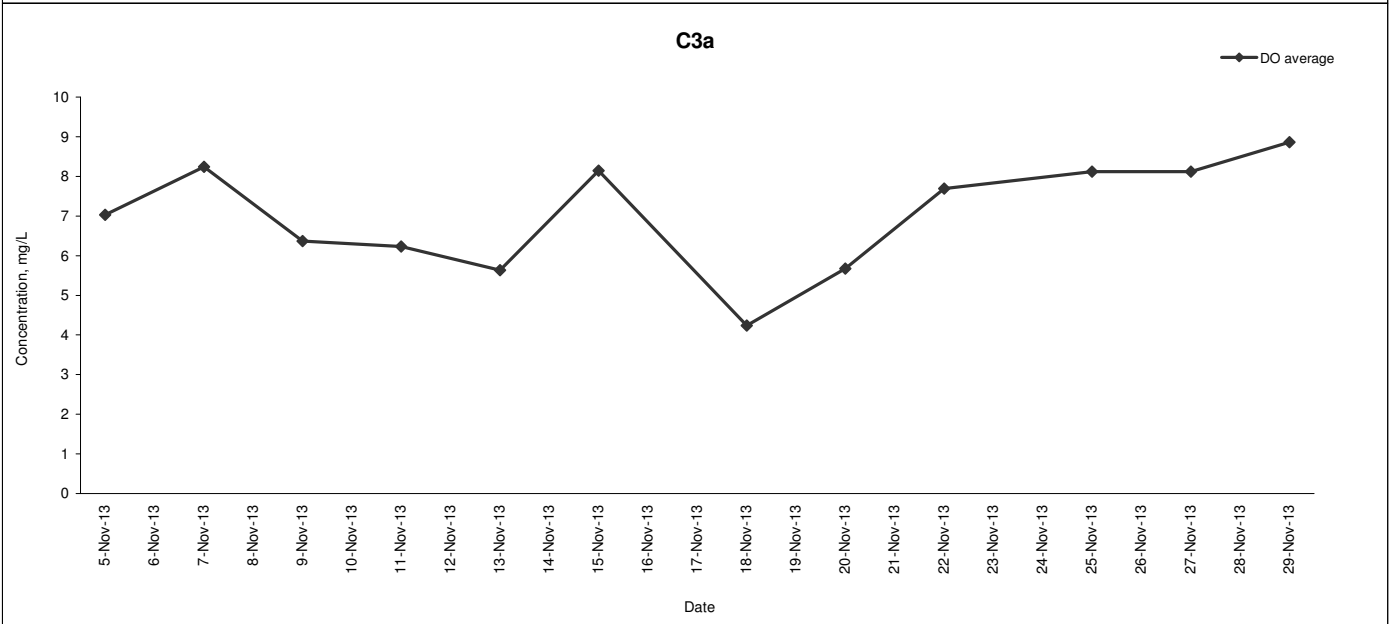
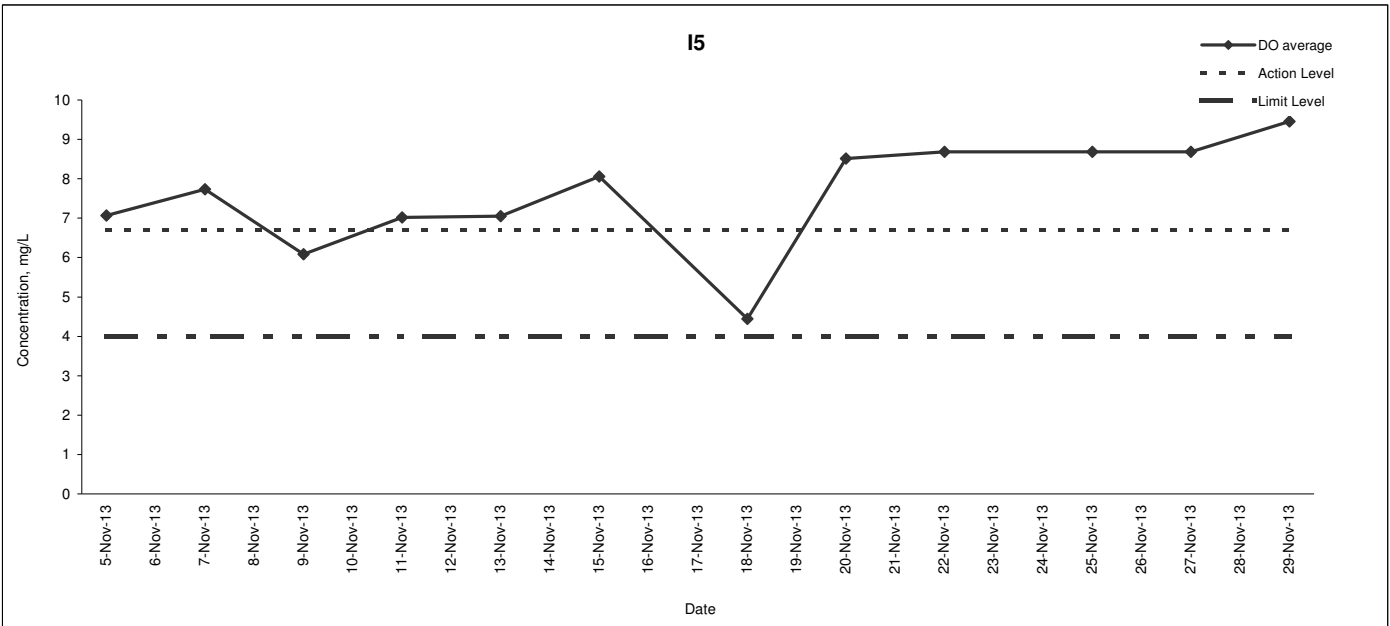
Date of Monitoring: 11/27/2013 Weather: Fine

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	
			22.7		8.0		8.3		95.5		24.3		<0.1		14	
C3b	10:26	<0.5	22.7	22.7	8.0	8.0	8.3	8.3	95.5	95.5	23.7	24.0	<0.1	<0.1	14	14
			22.7		8.0		8.3		95.5		23.7		<0.1		14	
			23.2		7.7		8.7		98.7		20.5		<0.1		8	
I5	10:45	<0.5	23.2	23.2	7.7	7.7	8.7	8.7	98.6	98.7	19.7	20.1	<0.1	<0.1	10	9
			23.2		7.7		8.7		98.6		19.7		<0.1		10	

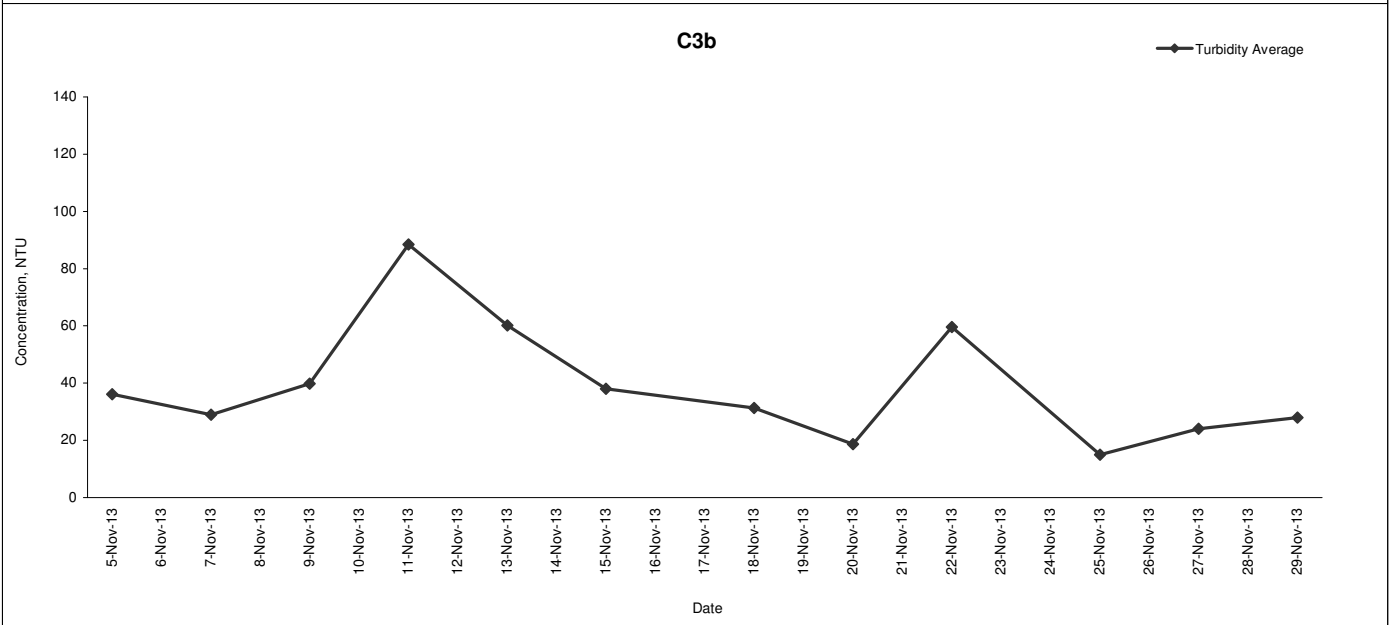
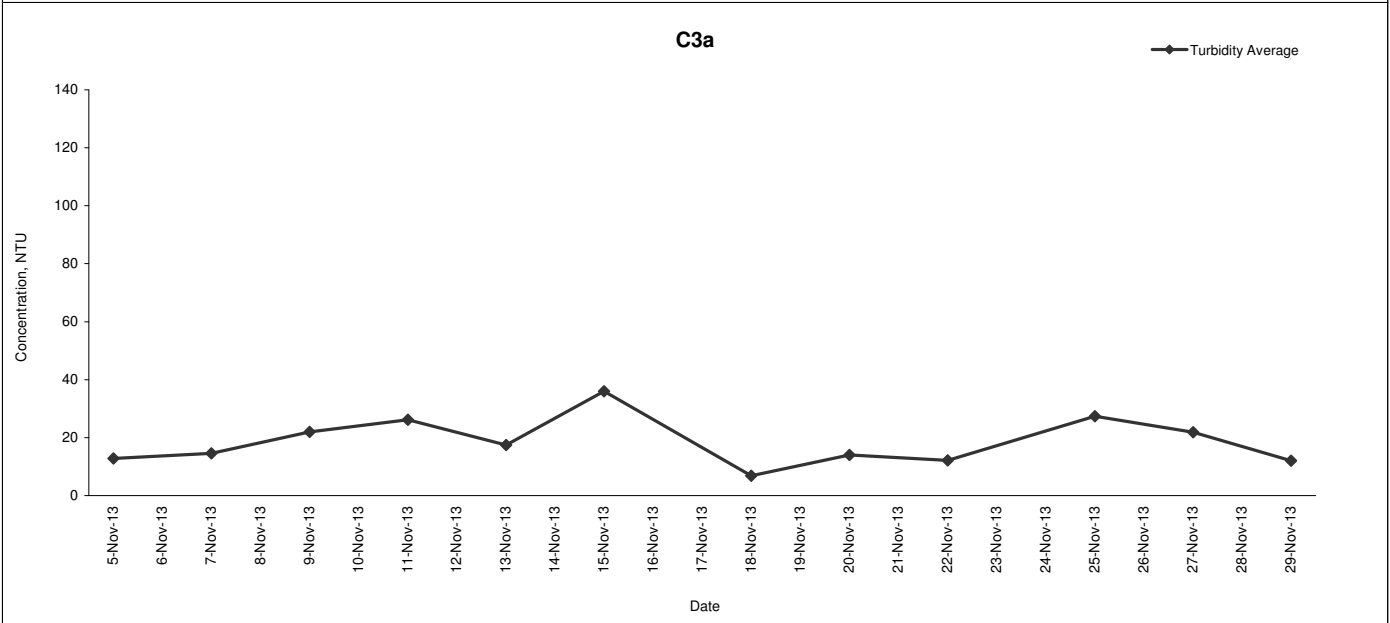
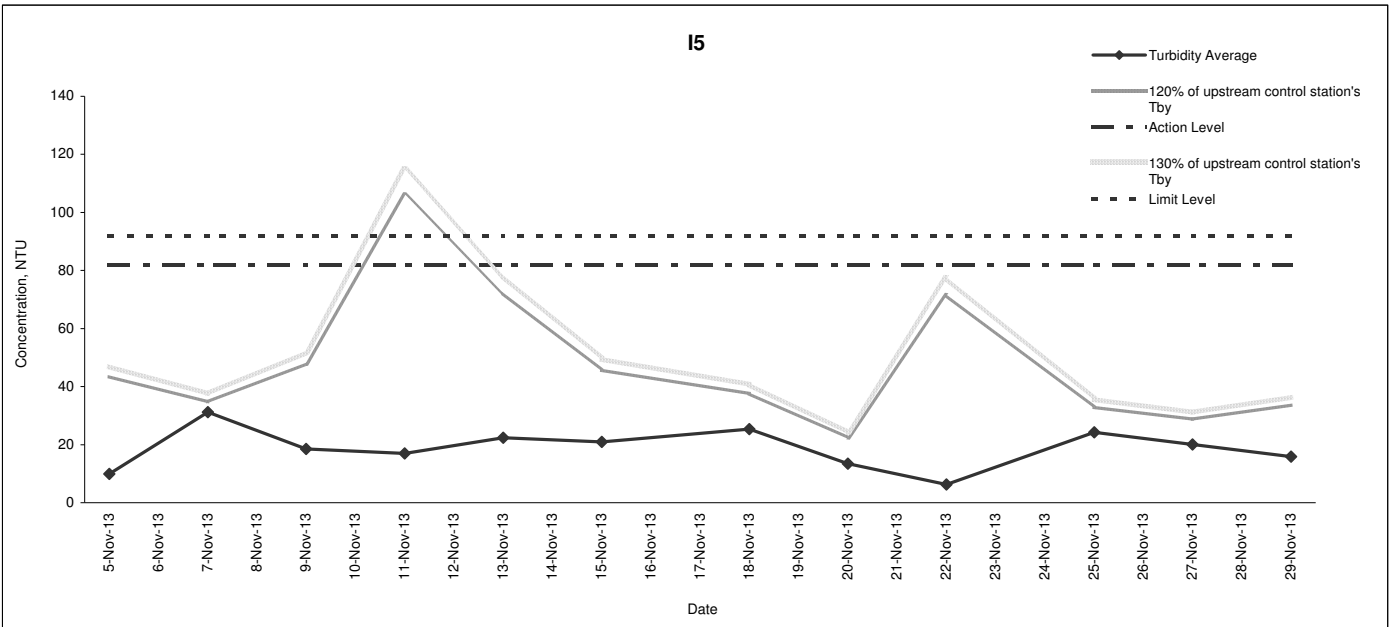
Date of Monitoring: 11/29/2013 Weather: Fine

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		<0.1		4	
			20.3		8.0		8.2		90.9		27.5		<0.1		15	
C3b	14:05	<0.5	20.3	20.3	8.0	8.0	8.2	8.2	91.1	91.0	28.5	28.0	<0.1	<0.1	10	12.5
			20.3		8.0		8.2		91.1		28.5		<0.1		10	
			21.4		7.6		9.5		107.7		15.8		<0.1		15	
I5	13:48	<0.5	21.4	21.4	7.6	7.6	9.4	9.5	106.3	107.0	15.9	15.9	<0.1	<0.1	10	12.5
			21.4		7.6		9.4		106.3		15.9		<0.1		10	

# Dissolved Oxygen



# Turbidity



## Suspended Solid

