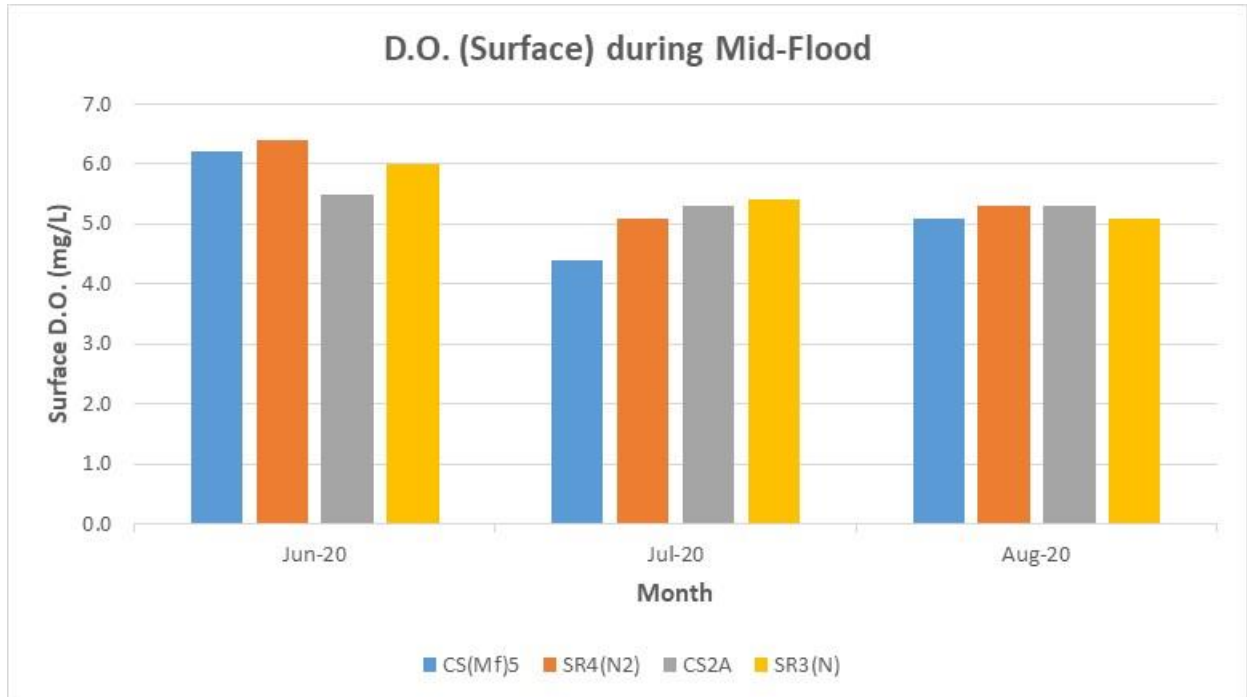
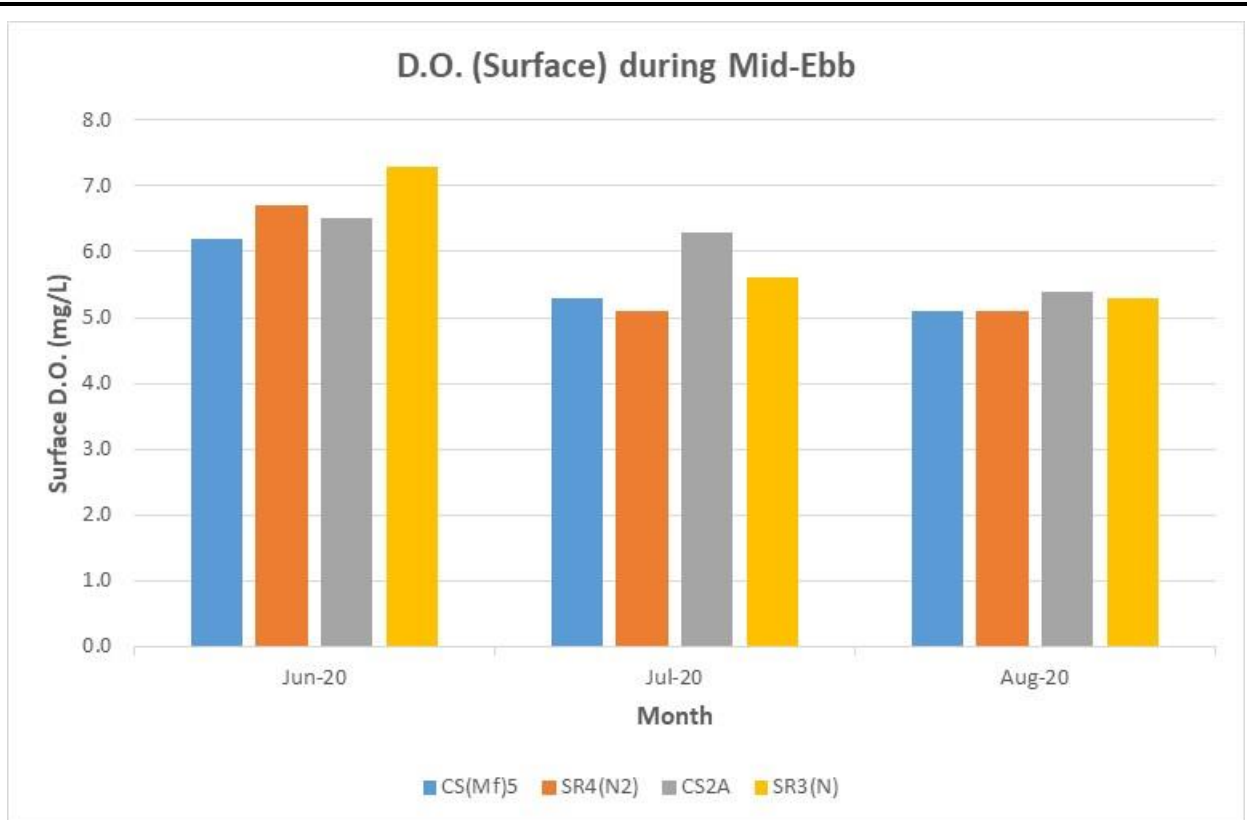


Appendix J

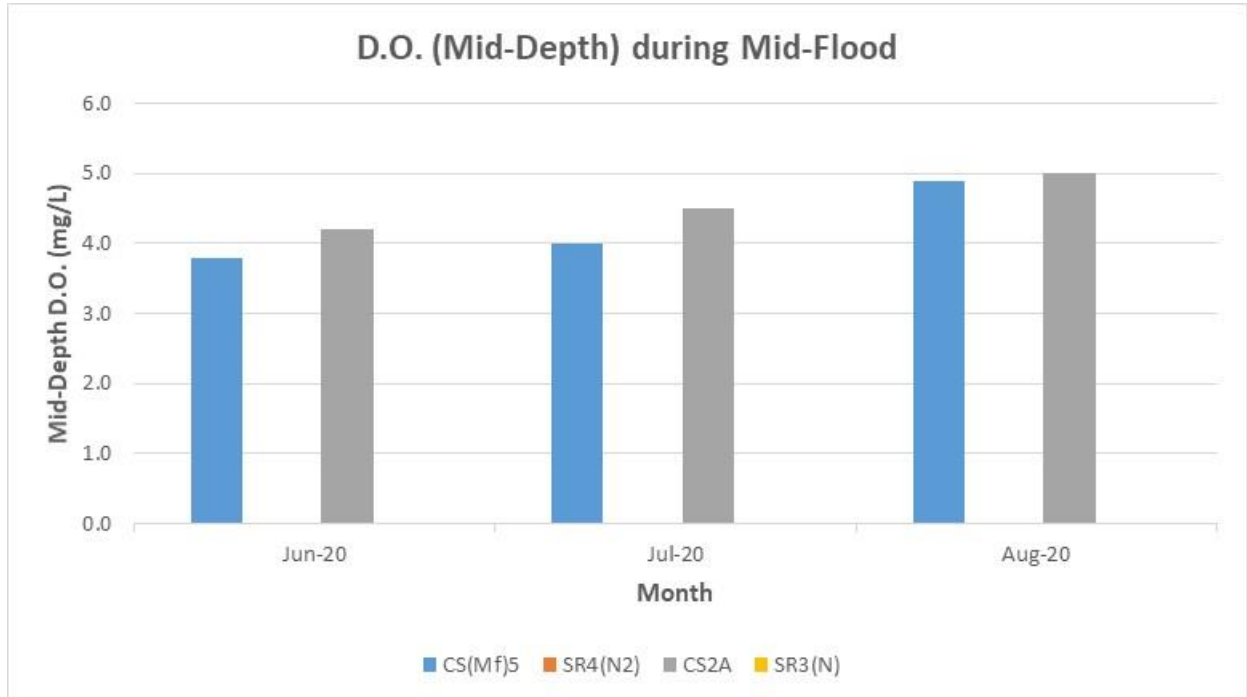
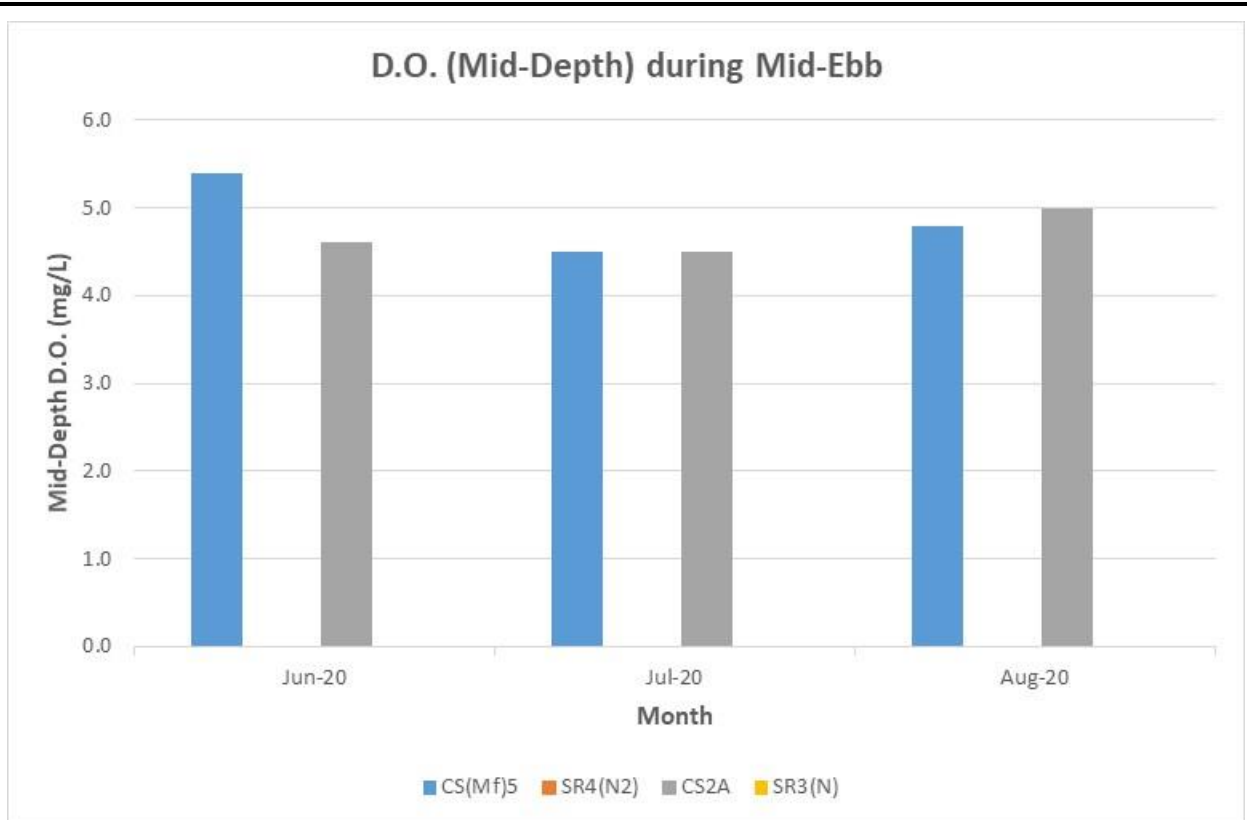
Operational  
Phase Water  
Quality  
Monitoring  
Results



**Figure J1 Operational Phase Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 June 2020 and 31 August 2020. The weather conditions during the monitoring period varied mostly from sunny to cloudy.**

Ref: 0212330\_Impact-WQM\_August2020\_graphs\_Rev a.xls

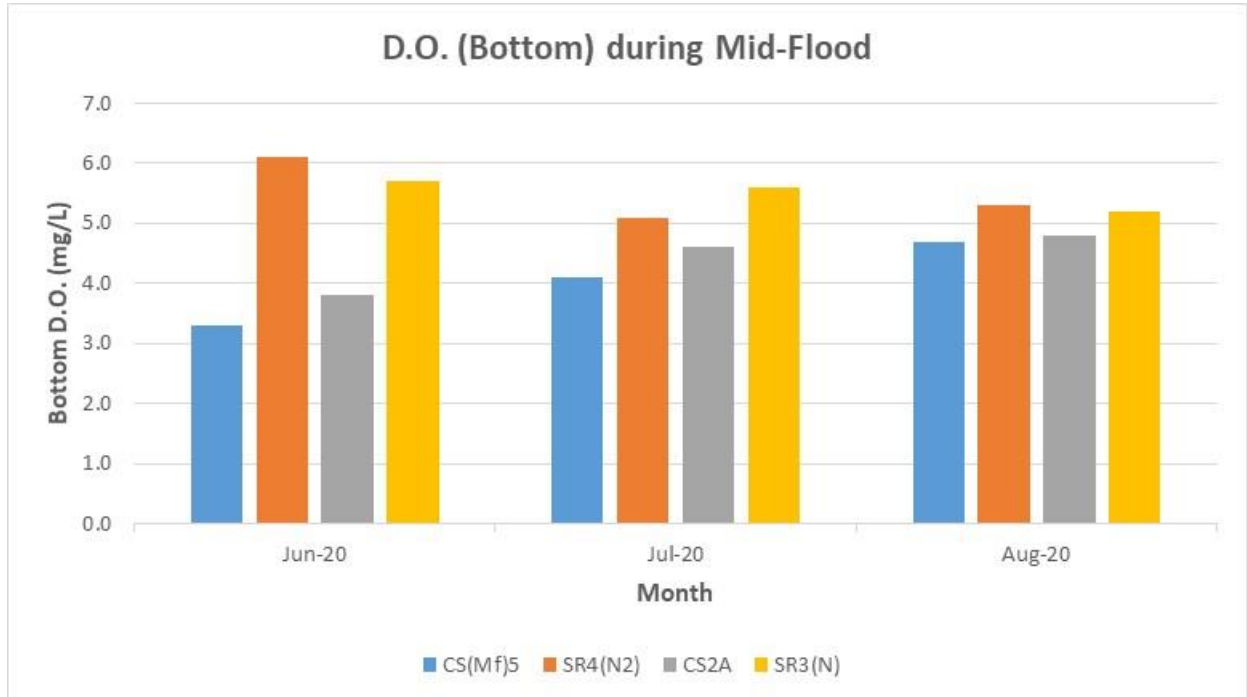
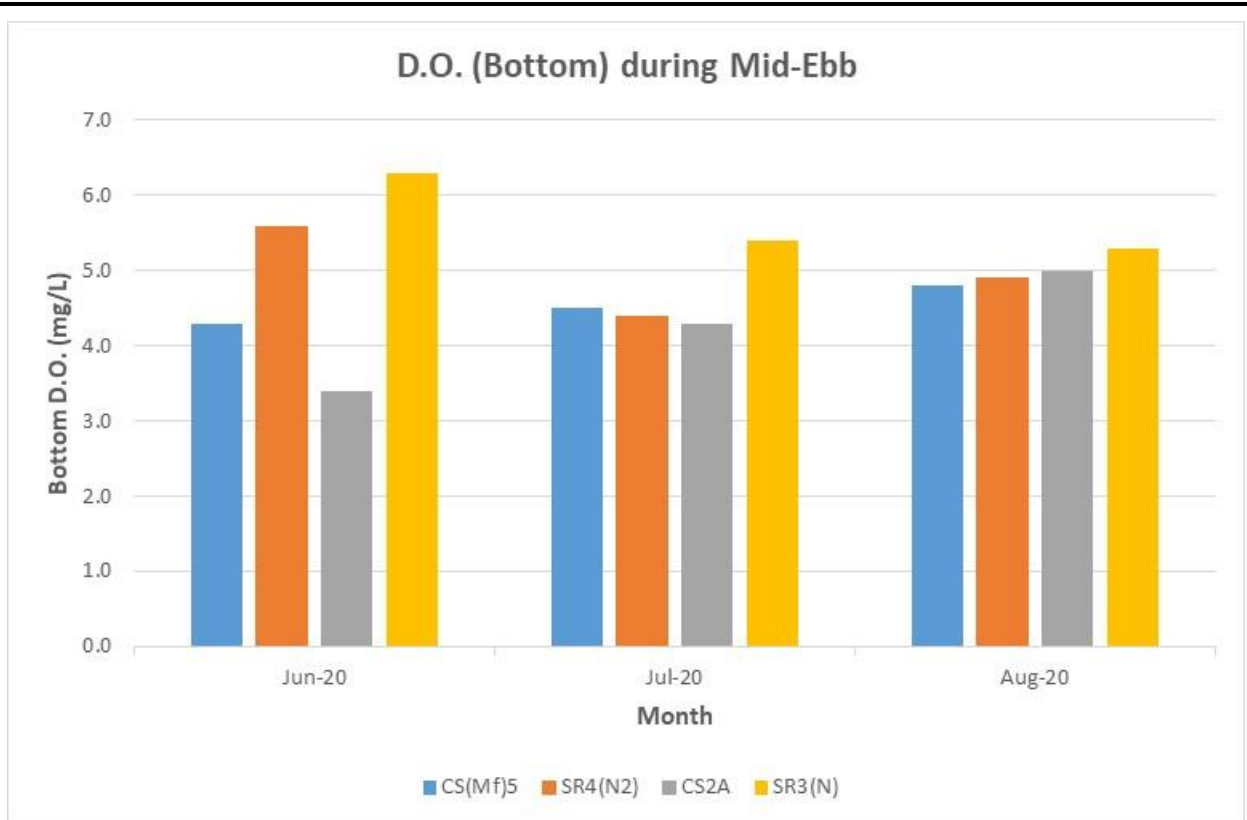




**Figure J2 Operational Phase Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 June 2020 and 31 August 2020. The weather conditions during the monitoring period varied mostly from sunny to cloudy.**



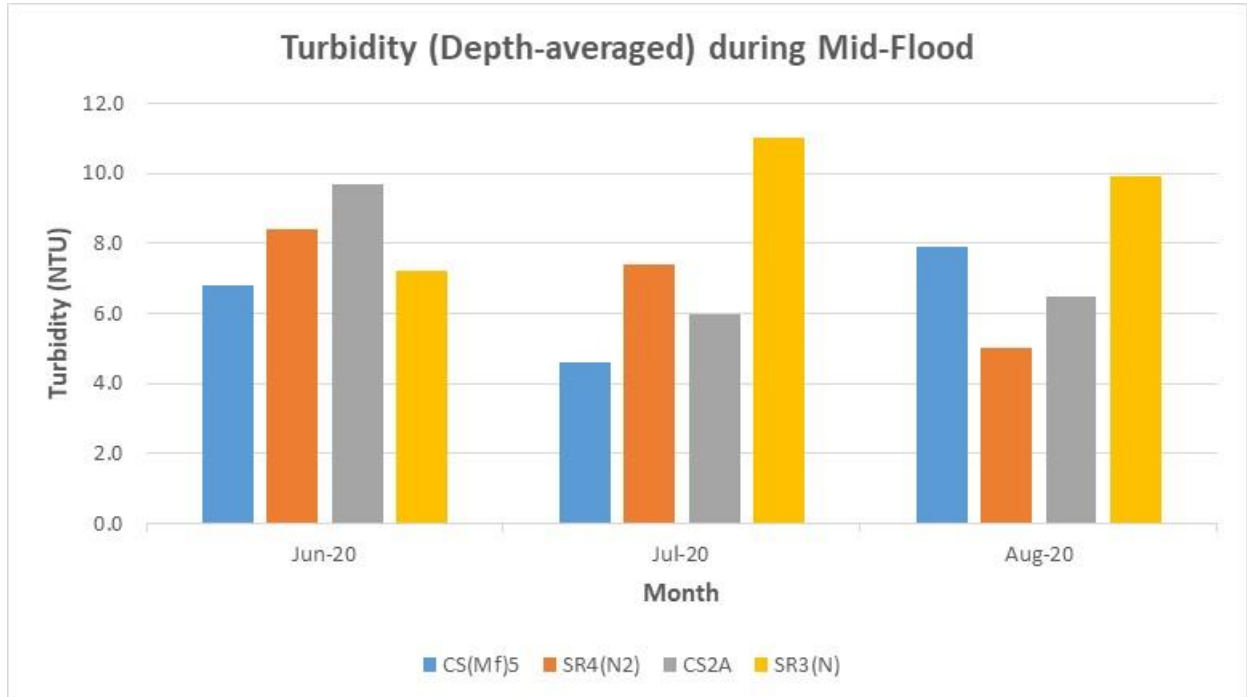
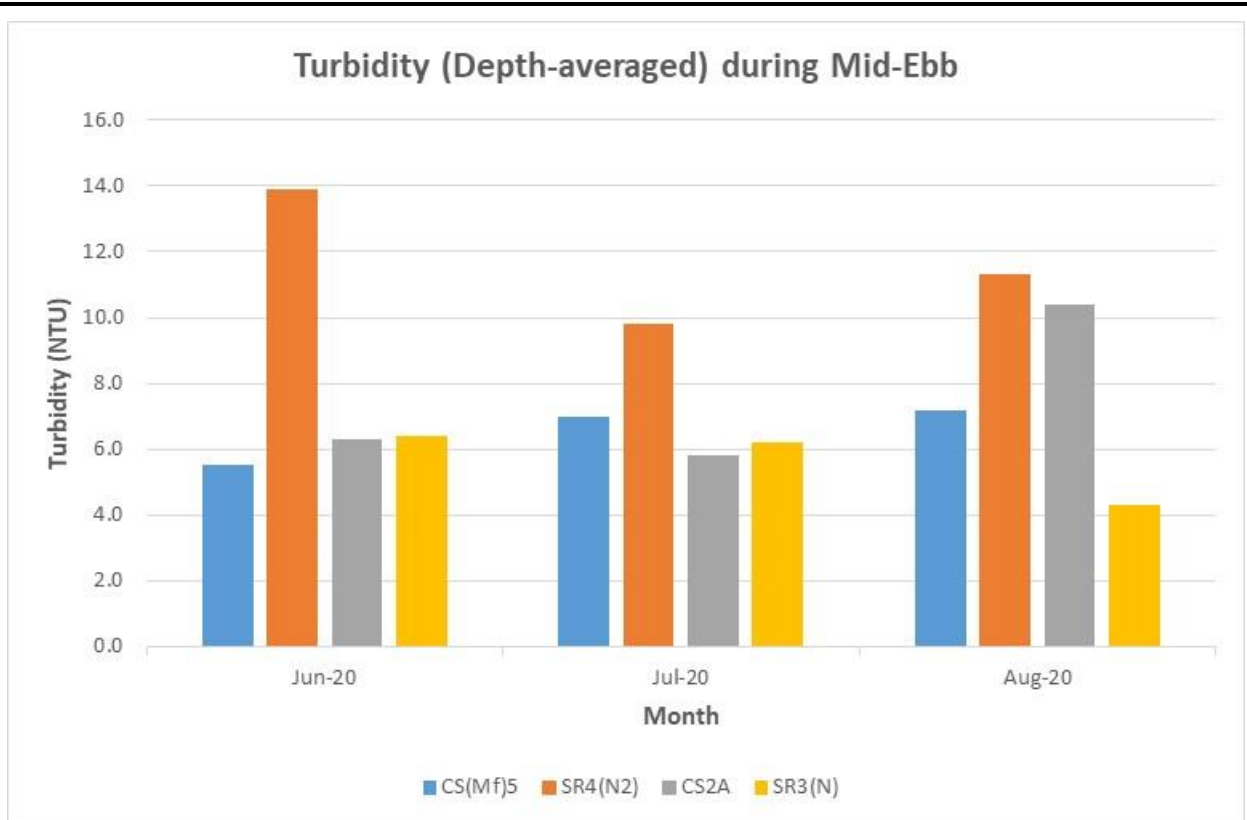
Ref: 0212330\_Impact-WQM\_August2020\_graphs\_Rev a.xls



**Figure J3 Operational Phase Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom waters between 1 June 2020 and 31 August 2020. The weather conditions during the monitoring period varied mostly from sunny to cloudy.**

Ref: 0212330\_Impact-WQM\_August2020\_graphs\_Rev a.xls

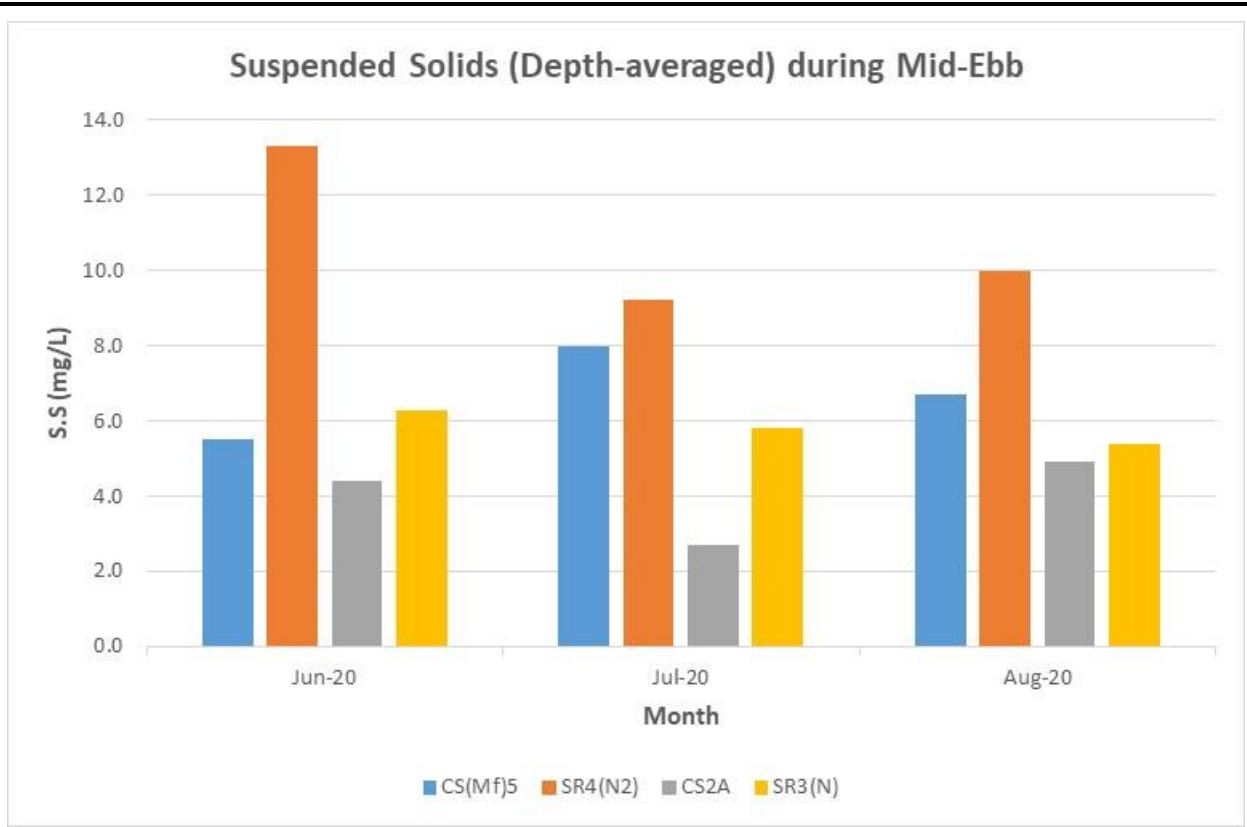




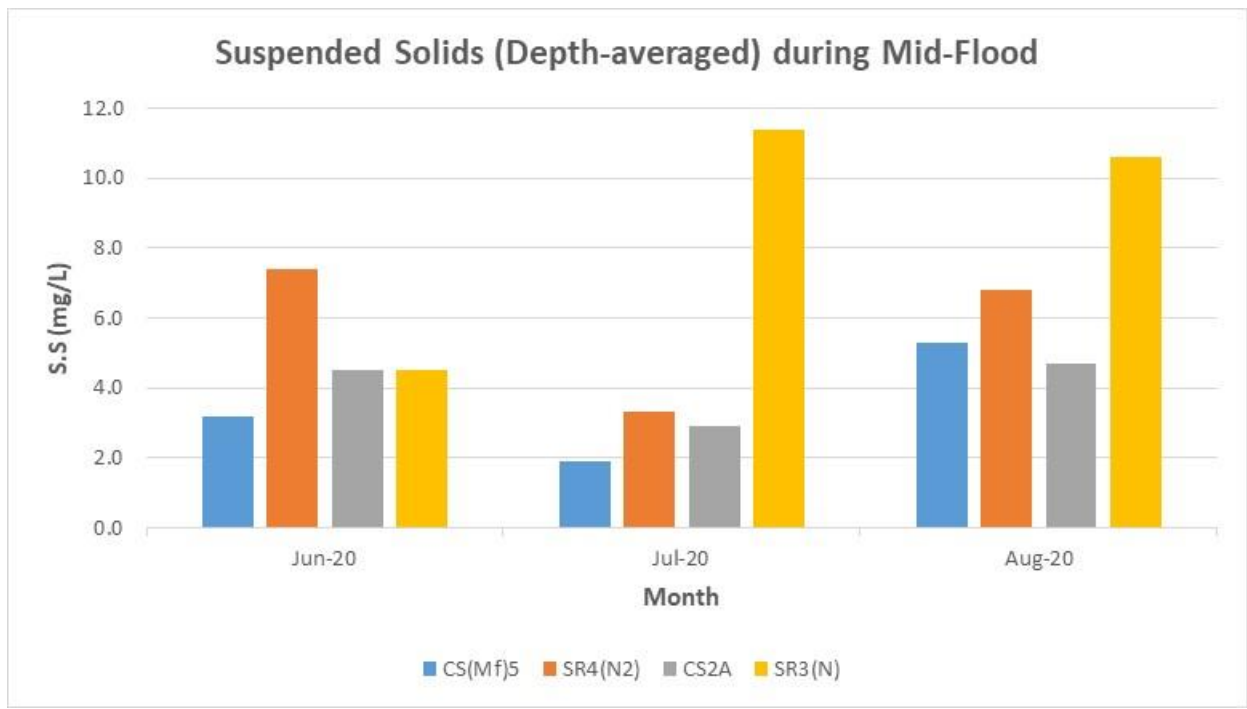
**Figure J4 Operational Phase Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 June 2020 and 31 August 2020. The weather conditions during the monitoring period varied mostly from sunny to cloudy.**

Ref: 0212330\_Impact-WQM\_August2020\_graphs\_Rev a.xls





v



**Figure J5 Operational Phase Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 June 2020 and 31 August 2020. The weather conditions during the monitoring period varied mostly from sunny to cloudy.**

Ref: 0212330\_Impact-WQM\_August2020\_graphs\_Rev a.xls



Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
24-08-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	3:08	12.6	Surface	1.0	1	28.5	7.9	22.2	5.1	73.8	4.9	7.1	5.0	7.2	6.7
									2	28.5	7.9	22.2	5.1	73.8	4.8	7.4			
							Middle	6.3	1	28.4	7.9	23.2	4.8	70.5	6.9	6.8			
									2	28.4	7.9	23.2	4.8	70.6	6.9	7.0			
							Bottom	11.6	1	28.2	7.9	24.0	4.8	69.9	10.0	6.1			
									2	28.2	7.9	24.0	4.8	69.8	9.9	5.8			
		SR4(N2)	Cloudy	Calm	4:02	3.9	Surface	1.0	1	28.6	7.9	22.4	5.1	74.0	8.6	10.2	5.1	11.3	10.0
									2	28.6	7.9	22.4	5.1	74.1	8.6	10.6			
							Bottom	2.9	1	28.6	7.9	23.3	4.9	71.6	14.0	9.7			
									2	28.6	7.9	23.3	4.9	71.5	14.0	9.4			
							Surface	1.0	1	28.4	8.0	23.0	5.4	78.5	9.3	5.4			
									2	28.4	8.0	23.0	5.4	78.5	9.1	5.9			
	CS2A	Cloudy	Moderate	5:00	6.2	Middle	3.1	1	28.3	8.0	24.6	5.0	73.8	8.2	4.8	5.2	10.4	4.9	
								2	28.3	8.0	24.7	5.0	73.8	8.0	4.6				
						Bottom	5.2	1	27.9	8.0	26.7	5.0	73.8	13.8	4.1				
								2	27.9	8.0	26.7	5.0	73.6	13.8	4.4				
						Surface	1.0	1	28.7	8.0	22.4	5.3	76.9	3.9	6.0				
								2	28.7	8.0	22.4	5.3	76.9	3.9	5.7				
	Mid-Flood	CS(Mf)5	Sunny	Moderate	11:13	12.8	Surface	1.0	1	28.4	8.0	23.2	5.1	75.0	2.2	3.3	5.0	7.9	5.3
									2	28.5	8.0	23.2	5.1	75.1	2.1	3.4			
							Middle	6.4	1	27.4	8.0	27.4	4.9	72.1	8.2	4.1			
									2	27.4	8.0	27.4	4.9	72.1	8.2	4.5			
							Bottom	11.8	1	27.4	8.0	27.4	4.7	68.8	13.2	8.4			
									2	27.4	8.0	27.4	4.7	68.6	13.2	8.3			
SR4(N2)		Sunny	Calm	10:27	4.1	Surface	1.0	1	28.9	8.0	22.1	5.3	77.7	5.2	9.4	5.3	5.0	6.8	
								2	28.9	8.0	22.1	5.3	77.6	5.3	9.2				
						Bottom	3.1	1	28.8	8.0	22.1	5.3	77.6	4.9	4.4				
								2	28.8	8.0	22.1	5.3	77.6	4.7	4.0				
						Surface	1.0	1	28.5	8.0	23.2	5.3	76.9	4.0	5.1				
								2	28.5	8.0	23.1	5.3	77.0	4.0	5.4				
CS2A	Sunny	Moderate	9:14	6.5	Middle	3.3	1	28.4	8.0	24.0	5.0	74.0	5.3	4.7	5.2	6.5	4.7		
							2	28.4	8.0	24.0	5.0	74.0	5.3	4.9					
					Bottom	5.5	1	28.0	8.0	26.1	4.8	71.2	10.4	3.9					
							2	28.0	8.0	26.1	4.8	71.2	10.2	4.2					
					Surface	1.0	1	28.8	7.9	22.7	5.1	74.1	7.4	11.8					
							2	28.8	7.9	22.7	5.1	74.2	7.4	12.1					
SR3(N)	Sunny	Calm	9:48	3.6	Surface	1.0	1	28.7	8.0	22.7	5.2	75.5	12.5	9.6	5.1	9.9	10.6		
							2	28.7	8.0	22.7	5.2	75.4	12.4	9.0					
					Bottom	2.6	1	28.7	8.0	22.7	5.2	75.5	12.5	9.6					
							2	28.7	8.0	22.7	5.1	75.4	12.4	9.0					
					Surface	1.0	1	28.8	7.9	22.7	5.1	74.1	7.4	11.8					
							2	28.8	7.9	22.7	5.1	74.2	7.4	12.1					