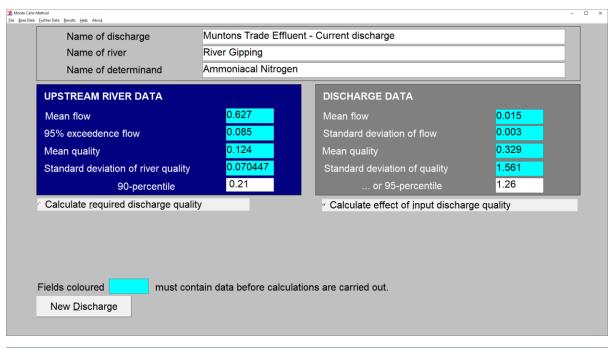
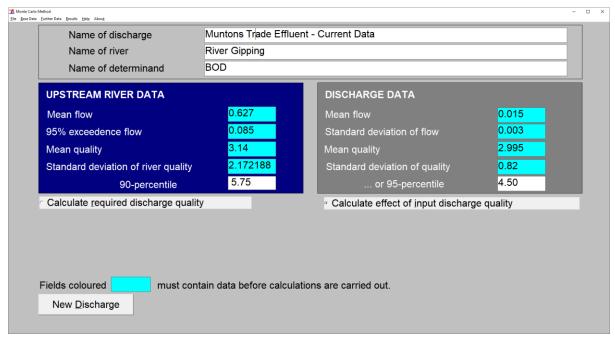
1.0 Trade Effluent – Current Discharge

1.1 Ammoniacal Nitrogen



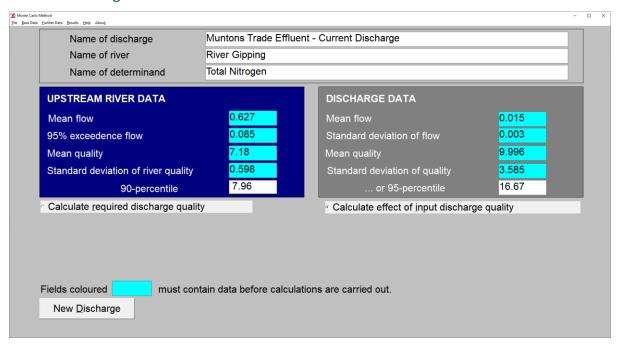
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	0.13	Mean quality	0.32
Standard deviation of quality	0.09	Standard deviation of quality	0.85
90-percentile quality	0.23	95-percentile quality	1.31
95-percentile quality	0.28	99-percentile quality	3.97
99-percentile quality	0.45	99.5-percentile quality	5.37

1.2 BOD (Calculated)



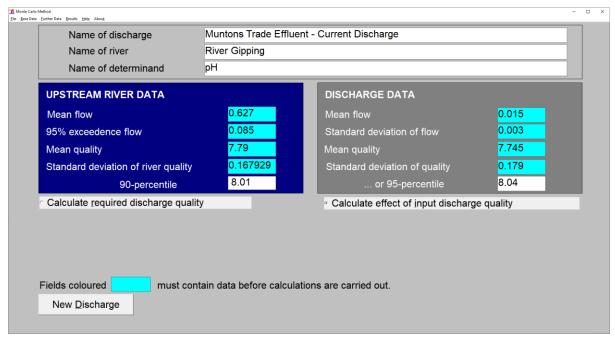
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	3.16	Mean quality	3.03
Standard deviation of quality	2.10	Standard deviation of quality	0.82
90-percentile quality	5.53	95-percentile quality	4.52
95-percentile quality	7.05	99-percentile quality	5.35
99-percentile quality	10.13	99.5-percentile quality	5.60
			the corresponding e Carlo sample.

1.3 Total Nitrogen



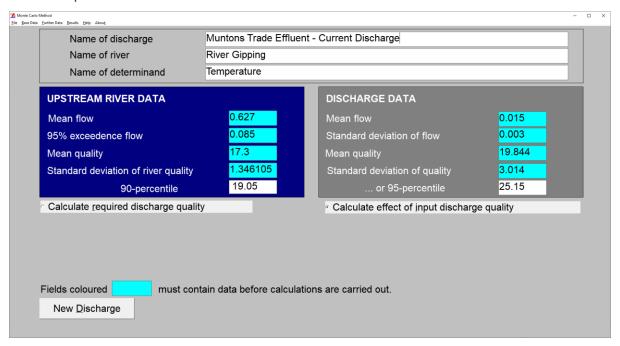
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	7.33	Mean quality	10.15
Standard deviation of quality	0.61	Standard deviation of quality	3.56
90-percentile quality	8.15	95-percentile quality	16.80
95-percentile quality	8.40	99-percentile quality	20.87
99-percentile quality	8.89	99.5-percentile quality	22.14

1.4 pH



RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	7.79	Mean quality	7.75
Standard deviation of quality	0.16	Standard deviation of quality	0.18
90-percentile quality	7.99	95-percentile quality	8.05
95-percentile quality	8.06	99-percentile quality	8.16
99-percentile quality	8.15	99.5-percentile quality	8.20
		Differences between the above values and	
		input data are due to the effect of the Monte Carlo sample	

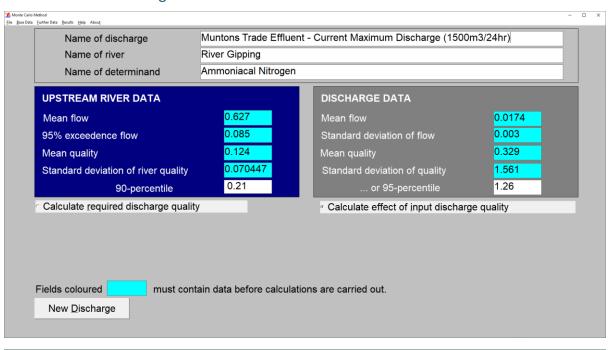
1.5 Temperature



RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	17.45	Mean quality	19.99
Standard deviation of quality	1.28	Standard deviation of quality	3.00
90-percentile quality	19.12	95-percentile quality	25.23
95-percentile quality	19.64	99-percentile quality	27.73
99-percentile quality	20.39	99.5-percentile quality	28.44
		Differences between the above values and input data are due to the effect of the Mon	

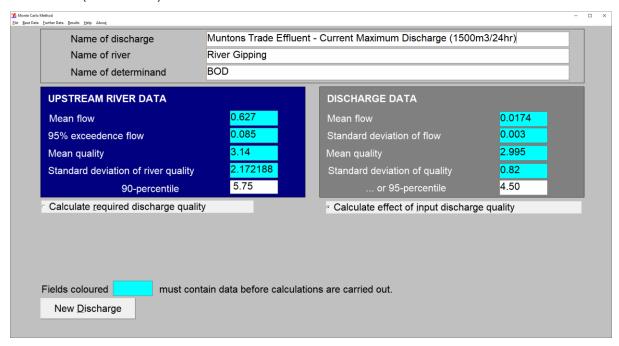
2.0 Trade Effluent – Maximum Current discharge (1500m3/day)

2.1 Ammoniacal Nitrogen



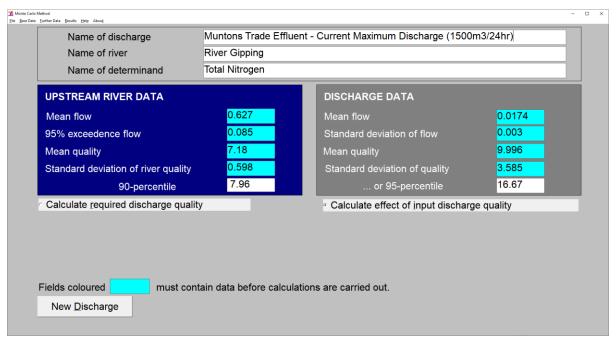
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	0.14	Mean quality	0.32
Standard deviation of quality	0.09	Standard deviation of quality	0.85
90-percentile quality	0.23	95-percentile quality	1.31
95-percentile quality	0.29	99-percentile quality	3.97
99-percentile quality	0.47	99.5-percentile quality	5.37
			I the corresponding e Carlo sample.

2.2 BOD (Calculated)



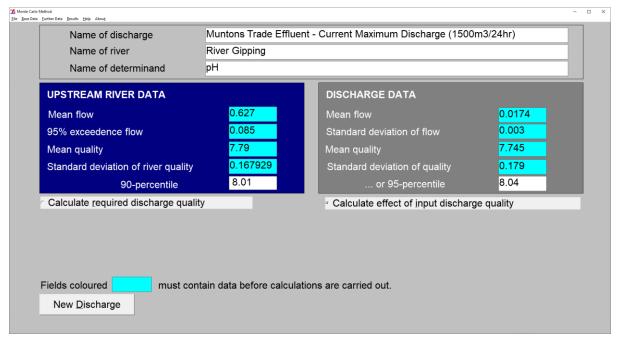
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	3.16	Mean quality	3.03
Standard deviation of quality	2.08	Standard deviation of quality	0.82
90-percentile quality	5.53	95-percentile quality	4.52
95-percentile quality	7.03	99-percentile quality	5.35
99-percentile quality	9.97	99.5-percentile quality	5.60
		Differences between the above values and input data are due to the effect of the Mont	

2.3 Total Nitrogen



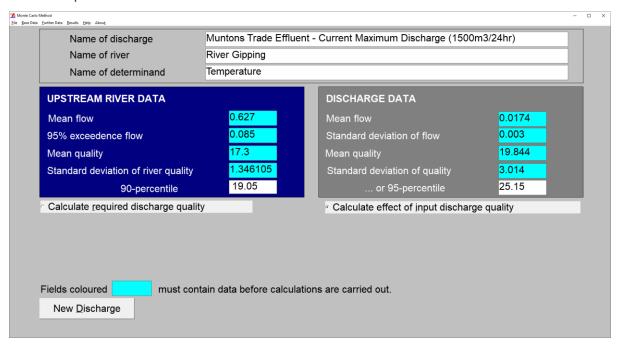
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	7.35	Mean quality	10.15
Standard deviation of quality	0.62	Standard deviation of quality	3.56
90-percentile quality	8.17	95-percentile quality	16.80
95-percentile quality	8.46	99-percentile quality	20.87
99-percentile quality	9.00	99.5-percentile quality	22.14

2.4 pH



RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	7.79	Mean quality	7.75
Standard deviation of quality	0.16	Standard deviation of quality	0.18
90-percentile quality	7.99	95-percentile quality	8.05
95-percentile quality	8.05	99-percentile quality	8.16
99-percentile quality	8.15	99.5-percentile quality	8.20
	Differences between the abovinput data are due to the effec		

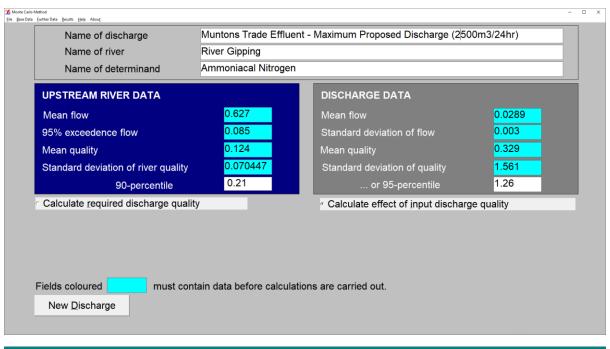
2.5 Temperature



RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	17.47	Mean quality	19.99
Standard deviation of quality	1.28	Standard deviation of quality	3.00
90-percentile quality	19.13	95-percentile quality	25.23
95-percentile quality	19.63	99-percentile quality	27.73
99-percentile quality	20.43	99.5-percentile quality	28.44
		Differences between the above values and input data are due to the effect of the Mon	

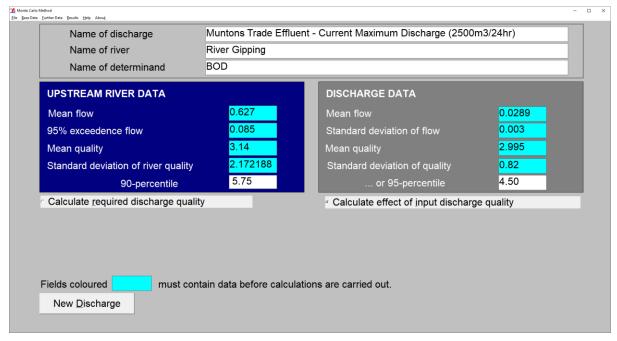
3.0 Muntons Trade Effluent – Maximum proposed discharge

3.1 Ammoniacal Nitrogen



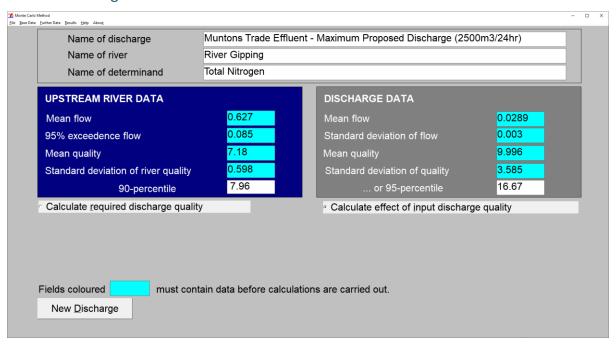
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	0.14	Mean quality	0.32
Standard deviation of quality	0.12	Standard deviation of quality	0.85
90-percentile quality	0.24	95-percentile quality	1.31
95-percentile quality	0.30	99-percentile quality	3.97
99-percentile quality	0.54	99.5-percentile quality	5.37
	Differences between the above values and the co input data are due to the effect of the Monte Carlo		

3.2 BOD (Calculated)



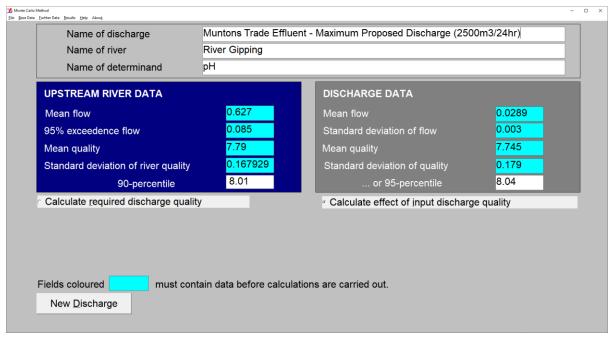
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	3.15	Mean quality	3.03
Standard deviation of quality	2.00	Standard deviation of quality	0.82
90-percentile quality	5.39	95-percentile quality	4.52
95-percentile quality	6.94	99-percentile quality	5.35
99-percentile quality	9.82	99.5-percentile quality	5.60

3.3 Total Nitrogen



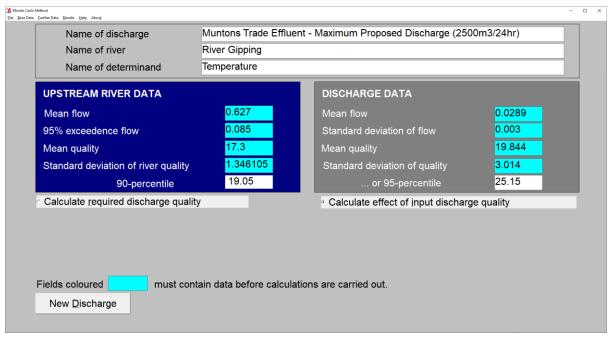
RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY		
Mean quality	7.46	Mean quality	10.15	
Standard deviation of quality	0.70	Standard deviation of quality	3.56	
90-percentile quality	8.35	95-percentile quality	16.80	
95-percentile quality	8.73	99-percentile quality	20.87	
99-percentile quality	9.69	99.5-percentile quality	22.14	

3.4 pH



RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	7.79	Mean quality	7.75
Standard deviation of quality	0.15	Standard deviation of quality	0.18
90-percentile quality	7.98	95-percentile quality	8.05
95-percentile quality	8.04	99-percentile quality	8.16
99-percentile quality	8.15	99.5-percentile quality	8.20

3.5 Temperature



RIVER DOWNSTREAM OF DISCHARGE		DISCHARGE QUALITY	
Mean quality	17.56	Mean quality	19.99
Standard deviation of quality	1.27	Standard deviation of quality	3.00
90-percentile quality	19.24	95-percentile quality	25.23
95-percentile quality	19.73	99-percentile quality	27.73
99-percentile quality	20.70	99.5-percentile quality	28.44