

MASS BALANCE (MONTE CARLO): Version 6.0

Calculations: 01 June 2022 at 10:42

Discharge: Newhurst Package
Treatment Plants

River: Shortcliff Brook

Pollutant: SRP Target: 0.048 (mean)

Mean u/s river flow	16.2		Mean discharge flow	0.041	
95-percentile low flow	3.50		Standard deviation	0.0000	
		(confidence)			(confidence)
Mean u/s river quality	0.205	(0.20 - 0.21)	Mean d/s river quality	0.20	(0.20 - 0.20)
Standard deviation	0.00	(0.0018 - 0.0023)	Standard deviation	0.0020	(0.0017 - 0.0022)
Number of samples	98		Number of samples	98	
CURRENT DISCHARGE		(confidence)			
Mean discharge quality	0.0162	(0.016 - 0.016)			
Standard deviation	0.0000	(0.0000 - 0.0000)			
Number of samples	4				
95-percentile	0.016	(0.016 - 0.016)			
99-percentile	0.016	(0.016 - 0.016)			
99.5-percentile	0.016	(0.016 - 0.016)			

CORRELATION COEFFICIENTS	
River and discharge flow	0.6000
River flow and quality	-0.3000
Discharge flow and quality	-0.2000

	FILES WITH NON-PARAMETRIC DATA
River flow	none
River quality	none
Discharge flow	none
Discharge quality	none
Intermittent discharge flow	none

	INTERMITTENT DISCHARGE ADDED
% time in operation	0.0000
Mean flow (when operating)	0.0000
Standard deviation	0.0000
Correlation coefficient	0.0000
Mean quality	0.0000
Standard deviation	(0.0000 - 0.0000)

Correlation with flow	0
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