

MASS BALANCE (MONTE CARLO): Version 6.0

Calculations: 01 June 2022 at 10:48

Discharge: Newhurst Package

Treatment Plants

River: Shortcliff Brook

Pollutant: BOD Target: 4 90-percentile

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	1	(0.99 - 1.01)	Mean d/s river quality	1.00	(0.99 - 1.00)
Standard deviation	0.01	(0.0044 - 0.016)	Standard deviation	0.0095	(0.0040 - 0.015)
Number of samples	5		Number of samples	5	
90-percentile	1.01	(1.00 - 1.03)	90-percentile	1.01	(1.00 - 1.03)
CURRENT DISCHARGE		(confidence)			
Mean discharge quality	0.0579	(0.058 - 0.058)			
Standard deviation	0.0001	(0.0000 - 0.0002)			
Number of samples	4				
95-percentile	0.058	(0.058 - 0.058)			
99-percentile	0.058	(0.058 - 0.059)			
99.5-percentile	0.058	(0.058 - 0.059)			

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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