

# Little Mill RQP

discharge Little Mill

river

pollutant Fe

mean upstream river flow 402

the 95-percentile low flow 72.3

mean discharge flow 1.19

standard deviation 0.39

mean u/s river quality 500 (241 - 759)

standard deviation 500 (319 - 669)

number of samples 12

mean discharge quality 1000 (637 - 1363)

standard deviation 700 (455 - 945)

number of samples 12

the 95-percentile 2315 (1602 - 4609)

the 99-percentile 3560 (2273 - 8724)

the 99.5-percentile 4167 (2575 - 11055)

correlation: river and discharge flow 0.6000

downstream target 1000

mean M

calculate required discharge quality

calculate impact of input discharge quality

mean d/s river quality	1000	(605 - 1395)
standard deviation	761	(494 - 1028)
number of samples	12	

required discharge mean	98538	(63150 - 133926)
standard deviation	68260	(44323 - 92198)
number of samples	12	
the 95-percentile	228523	(159205 - 450685)
the 99-percentile	354531	(229725 - 852257)
the 99.5-percentile	404451	(250221 - 1067016)

correlation: river flow and quality 0.0000

correlation: discharge flow and quality 0.0000

MASS BALANCE: Monte Carlo

Calculations: 08 May 2025 at 08:55

old data - WORD

old data - EXCEL

old data - NOTE

new discharge

calculate

sensitivity

Excel Word Note

menu quit

OUT