

Cilycwm WwTW RQP

discharge Cilycwm

river

pollutant Fe

mean upstream river flow 542

the 95-percentile low flow 103

mean discharge flow 0.55

standard deviation 0.18

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)

INT

NPD

correlation: river and discharge flow 0.6000

correlation: river flow and quality 0.0000

correlation: discharge flow and quality 0.0000

downstream target 1000

mean M

calculate required discharge quality

calculate impact of input discharge quality

mean d/s river quality 1000 (609 - 1391)

standard deviation 754 (490 - 1018)

number of samples 12

required discharge mean 294501 (188738 - 400265)

standard deviation 204009 (132466 - 275551)

number of samples 12

the 95-percentile 682989 (475821 - 1346958)

the 99-percentile 1059592 (686586 - 2547124)

the 99.5-percentile 1208788 (747846 - 3188965)

MASS BALANCE: Monte Carlo

Calculations: 04 April 2025 at 03:52

old data - WORD

old data - EXCEL

old data - NOTE

new discharge

calculate

sensitivity

Excel

Word

Note

menu

quit

OUT