

Coedwaungaer

discharge

Coedwaungaer Wastewater Treatment Works

river

pollutant

Fe

mean upstream river flow

6247

the 95-percentile low flow

556

mean discharge flow

0.32

standard deviation

0.11

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

downstream target

1000

mean

M

calculate required discharge quality

☒

calculate impact of input discharge quality

☐

mean d/s river quality

1000

(525 - 1475)

standard deviation

916

(595 - 1238)

number of samples

12

required discharge mean

3513763

(2251860 - 477566)

standard deviation

2434101

(1580503 - 328769)

number of samples

12

the 95-percentile

8148925

(5677120 - 160710)

the 99-percentile

12642280

(8191778 - 303907)

the 99.5-percentile

14422350

(8922656 - 380488)

correlation: river flow and quality

0

correlation: discharge flow and quality

0

MASS BALANCE: Monte Carlo

Calculations: 24 February 2025 at 10:51

old data - WORD

old data - EXCEL

old data - NOTE

new discharge

calculate

sensitivity

Excel

Word

Note

menu

quit

OUT