

Little Mill RQP

discharge

river

pollutant

mean upstream river flow

the 95-percentile low flow

mean discharge flow

standard deviation

mean u/s river quality (241 - 759)

standard deviation (319 - 669)

number of samples

mean discharge quality (637 - 1363)

standard deviation (455 - 945)

number of samples

the 95-percentile (1602 - 4609)

the 99-percentile (2273 - 8724)

the 99.5-percentile (2575 - 11055)

correlation: river and discharge flow

downstream target

mean

calculate required discharge quality

calculate impact of input discharge quality

mean d/s river quality	<input type="text" value="1000"/>	(605 - 1395)
standard deviation	<input type="text" value="761"/>	(494 - 1028)
number of samples	<input type="text" value="12"/>	

required discharge mean	<input type="text" value="98538"/>	(63150 - 133926)
standard deviation	<input type="text" value="68260"/>	(44323 - 92198)
number of samples	<input type="text" value="12"/>	
the 95-percentile	<input type="text" value="228523"/>	(159205 - 450685)
the 99-percentile	<input type="text" value="354531"/>	(229725 - 852257)
the 99.5-percentile	<input type="text" value="404451"/>	(250221 - 1067016)

correlation: river flow and quality

correlation: discharge flow and quality

MASS BALANCE: Monte Carlo

Calculations: 08 May 2025 at 08:55