

Network	Injection location	Execution time (s)	
		TD ^a	ED ^b
N1	All 97 nodes	259	24
N2	Node IN1029	970	294
	Node VN1263 ^c	326	670
N3	Node 100	2990	220
	Node 300	1440	17
N4	Node JUNCTION-2514	1780	15
	Node JUNCTION-3064	1760	17

Note that all simulations were done using a 2.8 GHz processor. The simulation durations were 168 h, except for Network N1, for which they were 24 h. All times are rounded to three significant figures or to the nearest whole second.

TD: time-driven; ED: event-driven. ^a Water-quality time step is 1 s.

^b Water-quality time step is 3600 s. ^c Quality tolerance is 1.0 mg L⁻¹.