

Woodcroft Lane Development
Summary of Windes Calculations
Main Site Plots 01-43 (Excluding 06-12)

FC2789

Storm Return Period		Duration Mins	Summer Pipe 1.009		Winter Pipe 1.009	
Years	Climate Change		Water Level m	Flow l/s	Water Level m	Flow l/s
1		15	63.058	26.6	63.080	27.8
1		30	63.077	27.7	63.096	28.7
1		60	63.075	27.5	63.078	27.6
1		90	63.057	26.4	63.049	26.0
30		15	63.333	29.8	63.383	29.8
30		30	63.389	29.8	63.450	29.8
30		60	63.402	29.8	63.459	29.8
30		90	63.384	29.8	63.427	29.8
30	40%	15	63.501	29.8	63.571	29.8
30	40%	30	63.606	29.8	63.713	29.8
30	40%	60	63.648	29.8	63.765	29.8
30	40%	90	63.615	29.8	63.747	29.8
100	40%	15	63.685	29.8	63.797	29.8
100	40%	30	63.838	29.8	63.911	29.8
100	40%	60	63.875	29.8	63.913	29.8
100	40%	90	63.868	29.8	63.886	29.8

Note:

1yr discharge flows generally below 28.5l/s except 30min winter event

30-100yr plus 40% CC discharge flows below 30l/s as requested by LLFA

Flood storage provided below ground level

60min 30yr 40% CC - SWS7.1 water level 63.767m - weir to private tank set @ 63.77m