Calculation Sheet

REF:

CLIENT:	PROJECT:	JOB NO.:	CALC. REF. NO.:
Convatec	PEP Wind and Solar	BR10167	PAGE: 1 OF 1
CALCULATION	CALC. BY:	CHECKED BY:	APPROVED BY:
Greenfield Runoff Coefficient	(NAME AND SIGNATURE) H Wilson	(NAME AND SIGNATURE)	(NAME AND SIGNATURE)
	DATE: 31/01/2024	DATE:	DATE:

Greenfield Runoff Coefficient= PR_{rural} (%)

PR_{rural} = SPR + DPR_{cwi} + DPR_{rain}

where: DPRcwi = 0.25 x (cwi -125)

and DPR_{rain} = 0.45 x $(P-40)^{0.7}$ for P>40mm; or DPR_{rain} = 0 for P≤40mm

where P = rainfall depth

SAAR	1625	mm	
CWI	128	mm	*This informaiton can be obtained from Source Control*
SPR/SPR	49.84	%	*This informaiton can be obtained from Source Control*
Rainfall	74.7	mm	*Varies subject to design storm return period and duration. Obtained by the Wallingford Procedu*

Rainfall	74.70
DPR_{cwi} =	0.75
DPR_{rain} =	5.39
PR_{rural} =	**55.98%**

Greenfield Runoff Coefficient= 0.56