

Company Remote Engineering Design Services				Project Big Green Farm - Penley	
Item Infiltration coefficient calculations for Big Green Farm Penley-TP5				Job Ref RED-EDL-001	Sheet no. 1
MasterDrain	Calc. by JGW	Date 09/11/20	Checked by	Date	Approved by Date

SOIL INFILTRATION TEST

Location data

Location :

Soil type:

Trial pit data

Pit dimensions : Length = 1500mm Width = 800mm Depth = 1700mm

Trial pit number: 5 Test number: 1 Date of test:

SEEPAGE TEST RESULTS

Depth	Time	Mins		Depth	Time	Mins		Depth	Time	Mins
425	5:30	0								
850	6:20	50								
1275	7:00	90								

Infiltration test time (25% to 75%) = 45 mins

Infiltration coefficient = 0.2155 m/hr

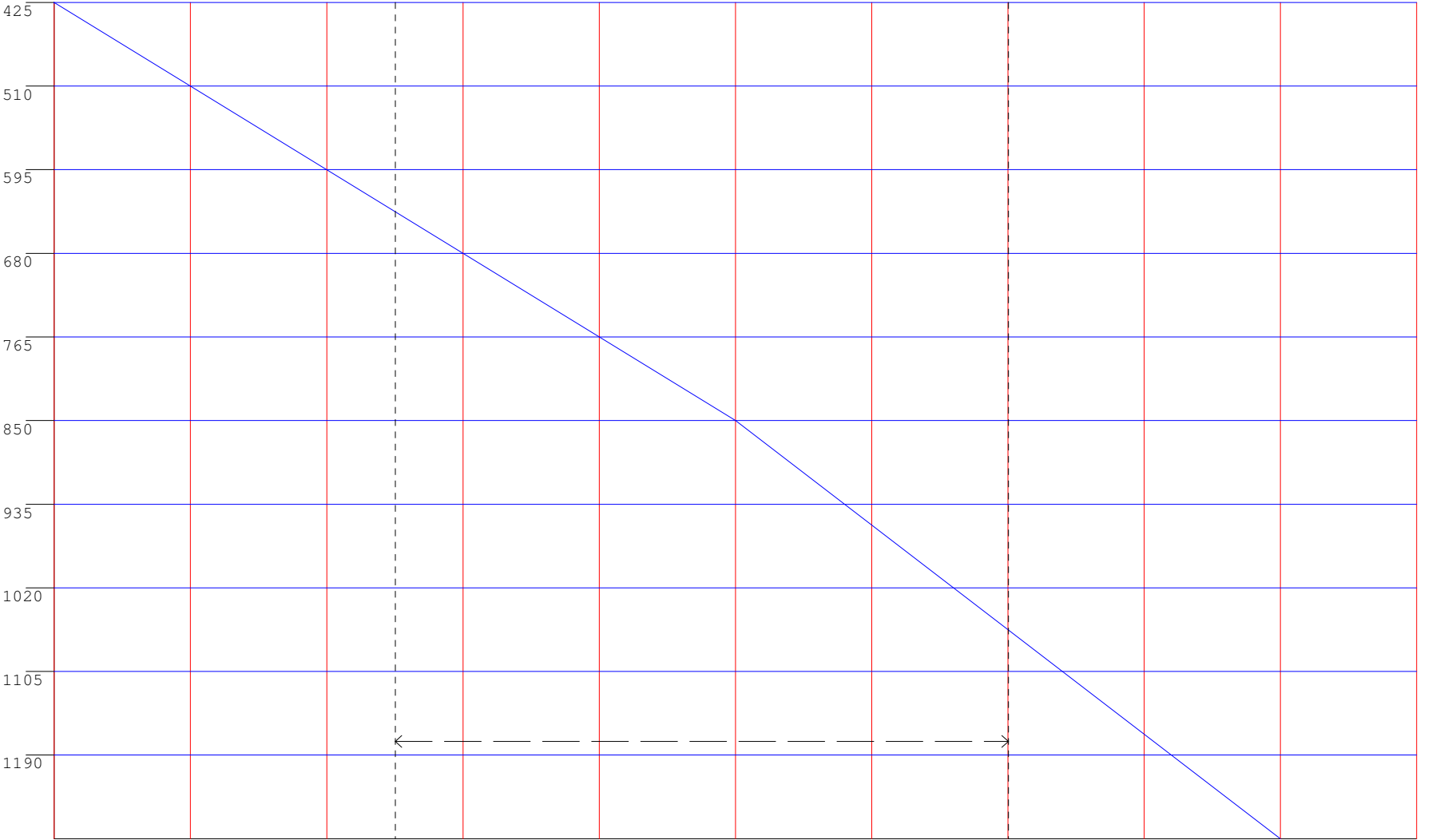
Infiltration coefficient = 5.987E-5 m/sec



Company Remote Engineering Design Services				Project Penley	
Item Infilt. coeff. calcs for TP5				Job Ref	Sheet no. 2
MasterDrain	Calc. by JGW	Date 09/11/20	Checked by	Date	Approved by Date

mm depth

Infiltration depths against time for



Minutes

Test pit No. 5

Test No. 1

Test date

Inf.time = 45 mins.