

Company Remote Engineering Design Services				Project Big Green Farm Penley	
Item Infiltration coefficient calculations for Big Green Farm Penley - TP3				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: 3 Test number: 1 Date of test:

SEEPAGE TEST RESULTS

Depth	Time	Mins		Depth	Time	Mins		Depth	Time	Mins
425	5:40	0								
850	6:20	40								
1275	7:30	110								

Infiltration test time (25% to 75%) = 56 mins

Infiltration coefficient = 0.1732 m/hr

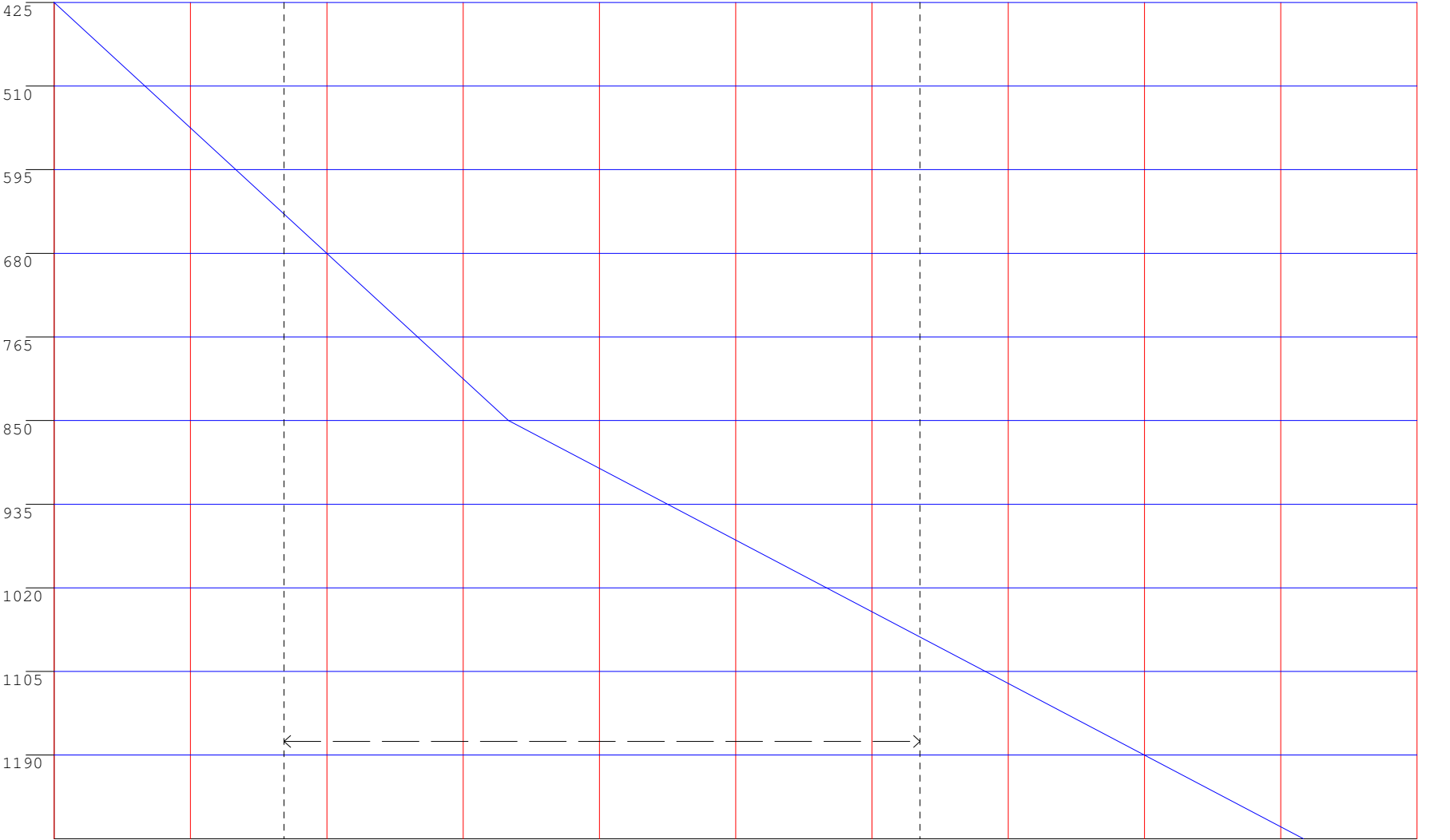
Infiltration coefficient = 4.811E-5 m/sec



Company Remote Engineering Design Services				Project Penley	
Item Infilt. coeff. calcs for TP3				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. 3 Test No. 1 Test date Inf.time = 56 mins.