TRIAL PI	T RECO	RD							
Contract: CHURCHTOWN WASTEWATER TREATMENT PLANT PIT No. 1									
No.									
Location: Treatment Plant Site							tion Method:		
Client:						JCB			
Date: 04/10/2005		1	r	1		Ground	Level:		
Description	Rod Level	Legend	Depth	5	sample	es	Remarks		
	Levei		(m) bgl	Ref No	Type	Depth			
TOPSOIL			() öği		.) p o	Dopui			
Orange/brown clay			0.40						
Gray slaty rock			1.60						
			· 150.						
			other						
		- Al	2114						
		Ses N	Dr.						
		allipolities							
		on Piret							
	and the second	OWIE							
	or institution								
	tropy								
	Lot C								
150	Î								
C ³									
Observations		Groundwat	L ter Conditior						
		Groundwal		13					
TRIAL PIT ENDED AT 2.1m DEPTH		NO WATE	R ENCOUN	ITEREI	D				

TRIAL PI	T RECO	RD							
Contract: CHURCHTOWN WASTEWATER TREATMENT PLANT PIT No. 2									
No.									
Location: Treatment Plant Site							tion Method:		
Client:						JCB			
Date: 04/10/2005		1	r	1		Ground	Level:		
Description	Rod Level	Legend	Depth	5	sample	es	Remarks		
	Levei		(m) bgl	Ref No	Type	Depth			
TOPSOIL			() öği		.) 0	Dopui			
Orange/brown clay			0.20						
Gray slaty rock			1.00						
			. 150.						
			other						
		- Al	2114						
		Ses N	Dr.						
		allipolities							
		on Piret							
	and the second	OWIE							
	or institution								
	tropy								
	Lot C								
150	Î								
C ³									
Observations		Groundwat	L ter Conditior						
		Groundwal		13					
TRIAL PIT ENDED AT 2.1m DEPTH		NO WATE	R ENCOUN	ITEREI	D				

TRIAL PI	T RECO	RD					
Contract: CHURCHTOWN WASTEWAT	ER TRE					PIT No	. 3
No.						Sheet	
Location: Treatment Plant Site							tion Method:
Client:		JCB					
Date: 04/10/2005			1	1		Ground	Level:
Description	Rod Level	Legend	Depth	sampl		es	Remarks
	Level		(m) bgl	Type	Depth		
TOPSOIL			(iii) ogi		1990	Dopui	
Orange/brown clay			0.20				
Gray slaty rock			2.20				
			150.				
			there				
		*	· my or				
		es of	or a				
		11POSTIEO					
		on purell					
	and the second	10 whet					
	THEFT	0					
	Fordie						
	of con						
	6						
Cor							
Observations		Groundwat	ter Condition	าร			
					_		
TRIAL PIT ENDED AT 2.3m DEPTH MADE GROUND ASSOCIATED WITH AC		NO WATE	R ENCOUN	IIEKEL	J		
ROAD NO LONGER IN USE.	~E33						

TRIAL PI	T RECO	RD					
Contract: CHURCHTOWN WASTEWAT No. Location: Treatment Plant Site Client:	PLANT			JCB	ation Method:		
Date: 04/10/2005						Ground	Level:
Description	Rod Level	Legend	Depth	:	sample	es	Remarks
	20101		(m) bgl	Ref No	Туре	Depth	
TOPSOIL							
Gray mottled clay			0.20				
Orange/brown clay			0.20				
Gray slaty rock		Pupperind	2.20				
Conse	For inspect	owneit	2.20				
Observations		Groundwa	ter Conditio	ns			l
TRIAL PIT ENDED AT 2.2m DEPTH			ABLE AT 1.		PTH b	gl	

Type of Test: T-Test	x	or	P-Test	
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Percolation Test Hole	1	2
Depth from ground surface to top of hole (mm) (A)	600mm	700mm
Depth from ground surface to base of hole (mm) (B)		
Depth of hole (mm) [B-A]		
Dimensions of hole [length x breadth (mm)]		

Each hole must be pre-soaked twice before the test is carried out (from 10.00a.m. to 5.00 p.m. and from 5.00 p.m. to the next morning)

			1	- OV	1			
Date of test			95/10/2005 05/10/20					
Date pre-soak			[©] Q‡/10/200504/10/2					
Time filled to 4			20	ailet				
Time water lev	vel at 300mm		a put es	x				
Percolation Test Hole No.		1	For inspection owner to		2			
Fill No.	Start Time	Finish Time	Δt (min)	Start Time	Finish Time	Δt (min)		
	(at 300mm)	(at 200mm)		(at 300mm)	(at 200mm)			
1			4m30s			1m46s		
2			4m39s			2m01s		
3			5m33s			2m09s		
	Ave	rage Δt	4m54s	Ave	rage Δt	1m59s		
Average Δt/4	= [Hole No. 1]	<u>1.2</u> (tុ)	Avera	ige Δt/4 = [Hol	e No. 1] <u>0.5</u>	(t ₂)		
T-Value = (tុ + t₂)/2 = (min/25mm)								
Result of Test: T=								
Comments:								

Type of Test:	T-Test	x	0	or	P-Test			
Percolation Te	est Hole				3	4		
Depth from gr (mm) (A)	ound surface t	o top c	of hole	700	Omm			
Depth from gr (mm) (B)	ound surface t	o base	e of hole					
Depth of hole	(mm) [B-A]							
Dimensions o (mm)]	f hole [length x	bread	lth					
	ust be pre-soa) p.m. to the r			ore the test is	ther us	rom 10.00a.m. ب	to 5.00 p.m.	
Date of test					05/10/2005	5		
Date pre-soak					04/10/2005	5		
Time filled to 4				0	Stell -			
Time water lev	vel at 300mm			Purp	<u>8</u> 2			
Percolation Test Hole No.			3	For inspection were		4		
Fill No.	Start Time	Finis	h Time	Δt (min)	Start Time	Finish Time	Δt (min)	
	(at 300mm)	(at 20	00mm)		(at 300mm)	(at 200mm)		
1				50s				
2				58s				
-		+		4 4 9	+	+	+	

3			1m10s			
	Ave	rage ∆t	0.99m	Ave	rage ∆t	
Average ∆t/4	= [Hole No. 1]	<u>0.25</u> (t) Aver	age Δt/4 = [Ho	le No. 1]	(t ₂)
T-Value = (t़	+ t ₂ + t ₃)/2 =	0.65	_ (min/25mm)			
Result of Tes	t: T= 0.0	65				

Comments: Excessive percolation

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Type of Test: T-Test	or P-Test	
Percolation Test Hole	1	2
Depth from ground surface to top of hole (mm) (A)	400mm	400mm
Depth from ground surface to base of hole (mm) (B)		
Depth of hole (mm) [B-A]		

E.

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Depth of hole (mm) [B-A]	
Dimensions of hole [length x breadth (mm)]	

Each hole must be pre-soaked twice before the test is carried out (from 10.00a.m. to 5.00 p.m. ther use. and from 5.00 p.m. to the next morning)

Date of test			05/10/2005 05/10						
Date pre-soak				204/10/2005	,	04/10/2005			
Time filled to 4			20	10 ⁰ il ^{eu}					
Time water lev	vel at 300mm		P 10	×					
Percolation Test Hole No.		1	For inspection purpo		2				
		ent	, o						
Fill No.	Start Time	Finish Time	Δt (min)	Start Time	Finish Time	Δt (min)			
	(at 300mm)	(at 200mm)		(at 300mm)	(at 200mm)				
1			172			172			
2									
3									
	Ave	erage Δt	172	Ave	erage ∆t	172			
Average Δt/4	= [Hole No. 1] <u>43</u> (tọ)	Avera	ge Δt/4 = [Hole	e No. 1] <u>43</u>	(t ₂)			
T-Value = (tុ + t₂)/2 = (min/25mm)									
Result of Test: T=									
Comments:	See last page								

Type of Test:	T-Test		or	P-Test	X					
Percolation Test Hole			3		4					
Dopth from ar				400mm		4000mm				
Depth from ground surface to top of hole (mm) (A)			400	40001111						
Depth from ground surface to base of hole (mm) (B)										
Depth of hole (mm) [B-A]										
Dimensions of (mm)]	hole [length x	breadth								
Each hole must be pre-soaked twice before the test is carried out (from 10.00a.m. to 5.00 p.m. and from 5.00 p.m. to the next morning)										
Date of test	Date of test			05/10/2005		05/10/2005				
Date pre-soaking started				<u>م</u> 04/10/2005 04/10/2005						
Time filled to 4			all ⁰	iller						
Time water lev	el at 300mm/		an Post ice	×						
Percolation Test Hole No.	3 For inspection of the second									
Fill No.	Start Time	Finish Time	Δt (min)	Start Time	Finish Time	Δt (min)				
	(at 300mm)	(at 200mm)		(at 300mm)	(at 200mm)					
1			212			147				
2										
3										
Average Δt			212	Ανε	erage Δt	147				
Average Δt/4 = [Hole No. 1] <u>53</u> (tុ) Average Δt/4 = [Hole No. 1] <u>37</u> (t₂)										
T-Value = (tុ + t₂)/2 = (min/25mm)										
Result of Test: T=										
Comments: See last page										

or

P-Test

Х

Type of Test: T-Test

Percolation Test Hole			5		6	
Depth from ground surface to top of hole (mm) (A)			400mm		4000mm	
Depth from ground surface to base of hole (mm) (B)						
Depth of hole (mm) [B-A]						
Dimensions of hole [length x breadth (mm)]						
Each hole mu and from 5.00	-	iked twice bef next morning)	ore the test is	carried out (f	rom 10.00a.m. ب	to 5.00 p.m.
Date of test				05/10/2005	5	05/10/2005
Date pre-soak	ing started			04/10/2005 04		
Time filled to 4			.00	. Neb		
Time water lev			n Party	X ¹		
Percolation Test Hole No.	5		For inspection parts	6		
Fill No.	Start Time	Finish Time	Δt (min)	Start Time	Finish Time	Δt (min)
	(at 300mm)	(at 200mm)		(at 300mm)	(at 200mm)	
1			272			101
2						
Average Δt			272	Ave	erage ∆t	101
Average ∆t/4	= [Hole No. 1]] <u>68</u> (tុ)	Avera	ge Δt/4 = [Hol	e No. 1] <u>25</u>	(t ₂)
T-Value = (t़	$+ t_2 + t_3 + t_4 +$	$t_5 + t_6)/6 = 4$	5 (min/25m	nm)		
Result of Tes	t: T= 4	5				
Comments:						