Woodard and Curran 709 Westchester Ave, Suite L2 White Plains, NY 10604

BORING NUMBER Leachate WellPAGE 1 OF 1

WOODARD Telepl	hone: 914-4 914-448-014	48-266 7								
CLIENT Village of I	Mamaroneck	(PROJECT NAME Taylors Lane C	composting Site (Site ID 360021)					
PROJECT NUMBER	213733			PROJECT LOCATION Village of	Mamaroneck, NY					
DATE STARTED 1	2/6/10	COI	/IPLETE	6/10 GROUND ELEVATION _15.7 ft MS	GROUND ELEVATION _15.7 ft MSL HOLE SIZE _14					
DRILLING CONTRA	CTOR More	etrench, Inc) .	GROUND WATER LEVELS:						
DRILLING METHOD										
LOGGED BY Evan		CHE	CKED E							
NOTES				AFTER DRILLING						
OEPTH O (ft) SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM Casing Top Elev: 17.03 (ft)					
2.5 2.00 2.0					Exisiting/Repaired 40 MIL HDPE Liner 6" Schedule 80 Perforated HDPE Discharge Pipe. INV. @ Elevation 9.2 Sand Filter Pack Stainless Steel (Type 304) Screen (Slott Size=0.03")					
<u> </u>										

BORING NUMBER LWB

PAGE 1 OF 1

CLIE	ENT Village of M	/lamaroneck	(PROJECT NAME _ Taylors Lane Comp	posting	Site (Site ID 360021)	
1	JECT NUMBER						PROJECT LOCATION Village of Mamaroneck, NY			
DAT	E STARTED 8/	17/10	CON	IPLET	ED _	8/17/10	GROUND ELEVATION 14.68 ft MSL HOLE SIZE 2-in			
DRII	LING CONTRAC	CTOR AAR	CO				GROUND WATER LEVELS:			
DRII	LING METHOD	GeoProbe	7822DT				$\overline{2}$ at time of drilling $\underline{3.00 \text{ ft}}$	/ Elev	11.68 ft	
LOG	GED BY Charle	ey Paternos	tro CHE	CKED	BY	Lou Russo	AT END OF DRILLING			
ПОТ	ES						AFTER DRILLING			
O (#)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG		MA [·]	TERIAL DESCRIPTION		WELL DIAGRAM	
2 2 2 3				71.18 7	0.5		Black TOPSOIL with grass	14.2		
WIP BORING LOGS/I AYE	_				3.2		y, medium to fine SAND with coarse race brick, wood, & asphalt	11.5		
¥ E						Black/Dark Brov	wn, moist, fine to medium sand, and, trace fine gravel, trace silt, some			
E - LEACT	_		PID = 0				matter (compost materials) with			
5					5.0	Black/Dark Broy	wn, moist, fine to medium sand,	9.7		
NECK - LAYLO	-		PID = 0			some coarse sa	and, trace fine gravel, trace silt, some matter (compost materials) with			
A -	-				7.0	COBBLE		7.7		
01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-		PID = 0		7.4	Black/Dark brov some coarse sa	wn, moist, fine to medium sand, and, trace fine gravel, trace silt, trace c matter (compost) with root	7.3		
IS 14:57 - WWHII EPLAINSYPROJECT	-				12.7			10		
3/21/					13.7	Tan/Gray, wet,	coarse to fine SAND, some coarse	1.0		
-105.0					14.3	Tan, Wet,coars	e to fine SAND, some coarse to fine	0.4		
ENIAL BH - WC 3 ID.	_				17.0	gravel		-23		

Bottom of borehole at 17.0 feet.

BORING NUMBER LWB-1A-B

PAGE 1 OF 1

&cu	RRAN Fax: 9 IT Village of M					PROJECT NAME Taylors Lane Com	posting Site (Site ID 360021)			
	ECT NUMBER				_	PROJECT LOCATION Village of Mamaroneck, NY				
	STARTED 8/		CON	/IPLETE						
1	.ING CONTRAC									
l	ING METHOD	•								
			_		BY Lou Russo	AT END OF DRILLING				
l .	·				· · · · · · · · · · · · · · · · · · ·	probe AFTER DRILLING				
			•			· · · · · · · · · · · · · · · · · · ·				
O DEPTH (ft)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM			
2.5		21-25-26- 34 (51)	PID = 0		ŠAND, little coa brick	Brown/Blk, moist, medium to fine rse to fine gravel, trace silt, trace	9.7			
 		3-3-5-10 (8)			SAND, little coa brick	rse to fine gravel, trace silt, trace	7.7			
7.5 		6-8-12-16 (20)	PID = 0 PID = 0		(SP-SM) Dark B	Brown/Blk, damp, medium to fine edium to fine gravel, trace silt, wood	5.7			
#LdHQ 0.0						om of borehole at 9.0 feet.	 -			

Woodard and Curran 709 Westchester Ave, Suite L2 White Plains, NY 10604 Telephone: 914-448-266 Fax: 914-448-0147 CLIENT Village of Mamaroneck PROJECT NUMBER 213733

BORING NUMBER PZ-A

PAGE 1 OF 1

PROJECT NAME Taylors Lane Composting Site (Site ID 360021) PROJECT LOCATION Village of Mamaroneck, NY GROUND ELEVATION 19.54 ft MSL HOLE SIZE 2-in **DATE STARTED** 8/17/10 **COMPLETED** 8/17/10 **DRILLING CONTRACTOR** AARCO **GROUND WATER LEVELS:** DRILLING METHOD GeoProbe 7822DT $\sqrt{2}$ AT TIME OF DRILLING 5.00 ft / Elev 14.54 ft LOGGED BY Charley Paternostro CHECKED BY Lou Russo AT END OF DRILLING ---**NOTES** AFTER DRILLING ---ENVIRONMENTAL DATA SAMPLE TYPE ENVIRONMENTAL BH - WC STD,GDT - 3/21/13 14:57 - \\WHITEPLAINS\PROJECTS\213733 \\ILLAGE OF MAMARONECK -TAYLOR LANE - LEACHATE\WIPBORING LOGS\TAYLORS LANE LANDFILL.GPJ GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM Casing Top Elev: 19.04 (ft) Casing Type: PVC 0.0 PID = 0Black, dry, TOPSOIL, trace roots with grass 1ft cement seal Brown, dry, medium to fine SAND, trace cobbles Well casing is flush mounted 1.5ft bentonite seal 2.5 6" sand pack above 16.8 Insulation top of well screen Dark brown/Black, moist, organic, leaves, roots 5.0 PID = 0Gray, Wet, SILT 6.0 13.5 Dark brown/Black, moist, organic, leaves, root 7.5 11.6 79 10ft of sand pack Light brown, moist, SILT encased around well screen to bottom of well 10.5 Brown, moist, medium to fine SAND, some medium to fine Gravel, trace cobble 10.0 PID = 012.5 13.6 6.0 Brown-Orange, moist, coarse to fine SAND, trace 5.0 Refusal at 14.5 Bottom of borehole at 14.5 feet. PID = 0

BORING NUMBER PZ-B

	RRAN Fax: 9					PD0 F07 W-17 T W T		011 (011 15 000000		
1	T Village of N		(PROJECT NAME Taylors Lane Com				
	ECT NUMBER			4DI ETE-	0/47/46	PROJECT LOCATION Village of Mamaroneck, NY				
1						GROUND ELEVATION 15.52 ft MSL HOLE SIZE 2-in				
1	ING CONTRAC					GROUND WATER LEVELS:				
	ING METHOD				Lou Buoso					
				CVED BI	Lou Russo					
NOIE	S					AFTER DRILLING		I		
o DEPTH o (ft)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	ATERIAL DESCRIPTION		WELL DIAGRAM Casing Top Elev: 17.22 (ft) Casing Type: PVC		
2			PID = 0	0.5	Black, dry , TO	PSOIL, trace roots with grass	15.0	16		
3.53 VILLAGE OF MANAGONECK 1 PAILOR LANGE LEVELA LEWIT BOOKING LOGS! AND LOG DEPTH 2.						arse to medium SAND, little coarse to I, little glass, brick, wood fragments	13.0	Well casing is +2 ft above grant 1.5ft bentonite	0 to	
				3.1			12.4	6" sand pack a		
OR LANE - LEACHAI				3.4	Glass Dark brown to	Black, moist, organic (composte)	12.1		een	
5.0			PID = 0	6.1			9.4			
					Black, wet, Sar brick fragments	ndy SILT with organic, little plastic,		encased arour well screen to bottom of well	p to	
10.0										
			PID = 0							
10.0				12.6 13.0 13.8	Dark brown, we to fine gravel, t Black, wet, SIL Tan, wet, medi	et, coarse to fine SAND, some coarse race cobbles T, trace fine sand um to fine SAND, trace medium to	3.4 2.9 2.5 1.8			
15.0			PID = 0		Botto	om of borehole at 15.0 feet.				

BORING NUMBER PZ-C

	RRAN Fax: 9									
1	IT Village of M		(e ID 360021)	
1	ECT NUMBER									
1						GROUND ELEVATION 17.15 ft MSL HOLE SIZE 2-in				
DRILL	ING CONTRAC	TOR AAR	CO							
LOGG	SED BY Charle	ey Paternos	tro CHE	CKED B	Y Lou Russo	AT END OF DRILLING				
NOTE	S					AFTER DRILLING				
DEPTH (ft)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	ATERIAL DESCRIPTION			ELL DIAGRAM Elev: 19.33 (ft)	
<u>0</u>	Ø		_					Casing Type	e: PVC	
AING LOGS) LANE L			PID = 0	1 1 1 0 O	(SP) Brown, dr	PSOIL, trace roots with grass y, coarse to medium SAND, little um gravel, little glass, brick, wood	16.8		1ft cement seal Well casing is 0 to +2ft above grade 1.5ft bentonite seal	
2				2.	6 Glass, plastic f	ragmente	14.6		6" sand pack above	
<u> </u>				3.	3		13.9		top of well screen	
A L					(OL) Dark brow wood, plastic fr	n, moist, Silty SAND with glass,				
				4.	1		12.9			
5										
3			PID = 0	***	(OL) Moist, bro	wn, Silty SAND and organics, brick,	44.0			
OF MANAROMECN - LATEOR LANE - LEACHAIN				5.	glass magnificing	et, Silty SAND and organics, brick,	11.6			
733 VILLAGE									10ft of sand pack encased around well screen to bottom of well	
10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			PID = 0	12	2.5		4.7			
15				13		, coarse to fine SAND and coarse to	3.7			
MINION ALL			PID = 0)		rse to fine SAND and coarse to fine lty sand, trace cobbles	0.6			
	<u> </u>				Botto	om of borehole at 17.0 feet.		I		
¥										

Woodard and Curran **BORING NUMBER PZ-D** 709 Westchester Ave, Suite L2 PAGE 1 OF 1 White Plains, NY 10604 Telephone: 914-448-266 WOODARD Fax: 914-448-0147 &CURRAN PROJECT NAME Taylors Lane Composting Site (Site ID 360021) **CLIENT** Village of Mamaroneck PROJECT LOCATION Village of Mamaroneck, NY PROJECT NUMBER 213733 **DATE STARTED** 8/17/10 **COMPLETED** 8/17/10 GROUND ELEVATION 15.54 ft MSL HOLE SIZE 2-in **DRILLING CONTRACTOR** AARCO **GROUND WATER LEVELS:** DRILLING METHOD GeoProbe 7822DT $\sqrt{2}$ AT TIME OF DRILLING <u>5.50 ft / Elev 10.04 ft</u> LOGGED BY Charley Paternostro CHECKED BY Lou Russo AT END OF DRILLING ---**NOTES** AFTER DRILLING ---ENVIRONMENTAL DATA SAMPLE TYPE ENVIRONMENTAL BH - WC STD.GDT - 3/21/13 14:57 - \\WHITEPLAINS\PROJECTS\213733 \\ILLAGE OF MAMARONECK -TAYLOR LANE - LEACHATE\\WIPBORING LOGS\TAYLORS LANE LANDFILL.GPJ GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM Casing Top Elev: 17.49 (ft) Casing Type: PVC 0.0 Black, dry, TOPSOIL, trace roots with grass (SP) Brown, dry, coarse to medium SAND, little medium to fine gravel, little glass, brick fragments 1ft cement seal 15.0 Well casing is 0 to +2 ft above grade 1.5ft bentonite seal 2.5 12.8 6" sand pack above Dark brown to black, dry, fine SAND, and top of well screen organics(roots, leaves, wood), some glass, brick, plastic fragments, little fine cobbles 11.3 Cobble encountered 5.0 PID = 0Black, moist, medium to coarse SAND, some silt. ☑ little brick, glass, plastic fragments Black, wet, organic(wood, roots, leaves), little glass, Gray, wet, coarse to fine SAND, some medium to fine gravel 7.5 10ft of sand pack 7.3 encased around well screen to bottom of well PID = 010.0 Gray, wet, medium to fine SAND Brown, wet, coarse to fine SAND and coarse to fine gravel 12.5 13.8 1.7

Bottom of borehole at 15.0 feet.

15.0

BORING NUMBER SB-1

OR Eastern Environ and Auger Impatori CHE	CKED BY Lou Russo	GROUND ELEVATION GROUND WATER LEVELS: AT TIME OF DRILLING _1.33 ft AT END OF DRILLING	HOLE SIZE 2-in				
OR Eastern Environ and Auger Impatori CHE	CKED BY Lou Russo	GROUND WATER LEVELS:	t				
and Auger Impatori CHE	CKED BY Lou Russo	$\sqrt{2}$ AT TIME OF DRILLING 1.33 ft					
ımpatori CHE	CKED BY Lou Russo	AT END OF DRILLING					
		AT END OF DRILLING					
VV VITS -UE) MENTAL		AFTER DRILLING					
VTS LUE) MENTAL			AFTER DRILLING				
VTS LUE) MENT							
BLOW COUNTS (N VALUE) ENVIRONMENTAL DATA	GRAPHIC	MATERIAL DESCRIPTION	WELL DIAGRAM				
	<u>46.44</u>	dry TOPSOIL, trace grass/roots					
	Brown dry fin	e to medium silty SAND, little clay					
	Brown moist GW encount	ered @ 1.33' bgs					
		vet CLAY					
	Brown/gray v	vet CLAY					
	/////\4.U	Bottom of borehole at 4.0 feet.					
		0.5 Brown dry fin 1.0 Brown moist GW encount 2.0 Brown wet fin	Brown dry fine to medium silty SAND, little clay Brown moist fine SILT w/ little clay GW encountered @ 1.33' bgs 1.5 Brown wet fine clayey SILT 2.0 Brown/gray wet CLAY Brown/gray wet CLAY				

BORING NUMBER SB-2

	PROJI	ECT NUMBER	213733				PROJECT LOCATION Village of Mamaroneck, NY GROUND ELEVATION HOLE SIZE 2-in GROUND WATER LEVELS:		
	DRILL DRILL LOGG	ING CONTRAC ING METHOD ED BY _Evan [*]	CTOR Easte Hand Auge Trumpatori	ern Enviroi r	nmental				
	NOTE	S					AFTER DRILLING		
- LEACHATE\WIP\BORING LOGS\TAYLORS LANE LANDFILL.GPJ	о ОЕРТН (ft)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG		MATERIAL DESCRIPTION		WELL DIAGRAM
AYLORS I					1/ 7/1/ 2/ 1/ 7/		dry TOPSOIL, trace grass/roots		
.OGS\T		A11			: \(\frac{1}{2}\) \(\frac{1}{2	Brown fine SI	LT, little clay		
ATE\WIP\BORING L	 	AU 1				1.0	silty SAND, little clay		
: -TAYLOR LANE - LEACH	 	AU 2				Gray moist fir GW encounte			
OF MAMARONECK -T	2				2	2.0 Gray/Brown v	vet fine silty CLAY		
213733 VILLAGE	3	AU 3			3	3.0			
3/21/13 14:57 - \\WHITEPLAINS\PROJECTS\	 	AU 4					AY, orange staining observed		
CODT.	4				<u> </u>	4.0	Bottom of borehole at 4.0 feet.		
NVIRONMENTAL BH - WC STD									

BORING NUMBER SB-3

DATE S DRILLII DRILLII LOGGE	NG CONTRAC	/16/11 CTOR <u>East</u> Hand Auge	ern Enviro er	nmenta	ED 11/16/11 al Solutions, Inc. BY Lou Russo	GROUND ELEVATION GROUND WATER LEVELS: AT TIME OF DRILLING 3.00	HOLE SIZE 2-in
(#) O	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG		MATERIAL DESCRIPTION	WELL DIAGRAM
- - -	AU 1				0.5 Tan fine to m	PSOIL, trace grass/roots edium silty SAND, some clay	
	AU 2				Tan fine silty 1.5 Tan fine silty 2.0		
3	AU 3				Tan fine CLA 2.5 Tan fine to m	edium silty SAND	
	AU 4				Reddish Tan	fine sandy SILT w/ little cobble	
4	I				4.0	Bottom of borehole at 4.0 feet.	

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BORING NUMBER SB-4

CLIE	Village of	Mamaroneck				PROJECT NAME _ Taylors Lane Composting Site (Site ID 360021)				
PROJ	ECT NUMBER	213733								
DATE	STARTED 1	1/16/11	cor	IPLETED	11/16/11	GROUND ELEVATION	HOLE SIZE 2-in			
DRILI	LING CONTRA	CTOR Easte	ern Enviro	nmental Sc	olutions, Inc.	GROUND WATER LEVELS:				
DRILI	ING METHOD	GeoProbe				_ $\sqrt{2}$ AT TIME OF DRILLING 1.75 ft				
LOGG	SED BY Evan	Trumpatori	CHE	CKED BY	Lou Russo	AT END OF DRILLING				
NOTE	:s					AFTER DRILLING				
	111		J K							
ENVIRONMENTAL BH - WC STD: 502/13 14:57 - \(\)WHITEPLANS\(\)PROJECTS\(\)27333 \(\)VILAGE OF MAMARONECK - TAYLOR LANE - LEACHATEWIPBORING LOGS\(\)TAYLORS LANE LANDFILL: GPD DEPTH C	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG		MATERIAL DESCRIPTION	WELL DIAGRAM			
ORST				7 / 1 0 0		OPSOIL, trace grass/roots				
-				<u>\(\frac{1}{2} \frac{1}{2} \)</u>	Brown dry To	OPSOIL w/ some Cobble				
890- 				0.5						
SOKING 					Brown dry fir	ne to medium silty SAND				
EIMID										
1				1.0		ne silty CLAY, little Sand				
						•				
EAN -										
YLOR				1.5	Brown wet si	ilty CLAY				
¥- - -					GW encount	tered @ 1.75'				
ONE 					$\bar{\Delta}$					
2 2	AS 1			2.0	Gray moist fi	ine CLAY				
Ž Ö					Gray moist ii	IIIE CLAT				
AGE										
13 VIII										
21373										
က် 										
3				3.0						
AINS					Gray moist fi	ine Clay				
- 1E										
<u>-</u>										
- 4:57										
73.1										
12/8 4				4.0						
109:0	W	1		<u>/////4.0</u>	1	Bottom of borehole at 4.0 feet.				
CSIL										
≱										
IALB										
Z W Z										
VIRON										
ź.										

Woodard and Curran WOODARD WOODARD WOODARD CURRAN 709 Westchester Ave, Suite L2 White Plains, NY 10604
Telephone: 914-448-266
Fax: 914-448-0147

BORING NUMBER SB-5

-	CLIEN	T Village of M	lamaroneck				PROJECT NAME			
-	PROJ	ECT NUMBER	213733					of Mamaroneck, NY		
	DATE	STARTED 11	/16/11	CON	IPLETED	11/16/11		HOLE SIZE 2-in		
							GROUND WATER LEVELS:			
	DRILL	ING METHOD	GeoProbe				\subseteq at time of drilling $_1$.75 ft		
	LOGG	ED BY Evan	Trumpatori	CHE	CKED BY	Lou Russo		<u>. </u>		
	NOTE	s					AFTER DRILLING			
Ì		111		J A						
LOGS/TAYLORS LANE LANDFILL.GPJ	O DEPTH (ft)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG		MATERIAL DESCRIPTION	WELL DIAGRAM		
ORS L		AS			71 1/2	Brown dry To	OPSOIL, trace grass/roots			
TAYL		1			0.2	Brown dry To	OPSOIL w/ little cobble			
0GS/					<u>\(\frac{1}{2} \) \(\frac{1}</u>					
NG					0.5	Brown dry fir	ne silty CLAY			
LEACHATE\WIP\BORING	_						·			
WIP										
¥ H	1				1.0	Drown dry fir	an nilty CLAV			
LEAC						Brown dry iir	ne silty CLAY			
LANE -										
					1.5					
-TAYLOR						Brown wet fi	ne silty CLAY tered @ 1.75' bgs			
Ŗ						\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	lered @ 1.75 bgs			
RON R										
VILLAGE OF MAMARONECK	2				2.0	Gray moist 0	CLAY			
님										
LAGE										
3 ∨I□										
1373										
CTS/2	_									
AINS/PROJECT	3				3.0					
NS/PF					3.0	Gray moist 0	CLAY			
LA.										
빍										
<u>}</u> -'										
3 14:5										
/21/13										
T-3	4				4.0					
70.G							Bottom of borehole at 4.0 feet.			
WC S										
BH-										
Ĭ										
NME										
VIRO										
Z										

BORING NUMBER SB-6

	IT Village of NECT NUMBER					PROJECT NAME _Taylors Lane Composting Site (Site ID 360021) PROJECT LOCATION _Village of Mamaroneck, NY			
1					ED 11/16/11	GROUND ELEVATION			
1						GROUND WATER LEVELS:	TIOLE GIZE 2-III		
					Coldions, mo.				
					BY Lou Russo				
NOTE									
			7						
O DEPTH (ft)	SAMPLE TYPE	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG		MATERIAL DESCRIPTION	WELL DIAGRAM		
AYLORS L				1/ 1/1/ 1/ 1/1/	Brown dry To	OPSOIL, trace grass/roots			
LEACHAILEWIP-BOKING LOGS/I AYLOKS LAND-ILL.GFD DEPTH (ft)					0.5 Brown dry fir	ne silty CLAY			
LANE					Brown wet fir GW encount	ne silty CLAY ered @ 1.5' bgs			
2	AS 1				2.0	ne sandy SILT, some clay			
SK13/33 VILLAGE						ne sandy SILT, little Clay			
- 3/2/1/3 14:97 - \www.ii i i i i i i i i i i i i i i i i i						ne sandy SILT, little Clay			
	<i></i>	1		1-13-1-1	4.0	Bottom of borehole at 4.0 feet.			
NVIKONMENI AL BH - WC S ID.GD I									