



### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

				Miou	111500,111 100			
DESIGN DA	TA SHEE	T – SEP	ARATE	SEWAGE S	YSTEM	WCI	OH FILE #	
Owner <u>CO</u>	SIMO TRI	PI			Address 8 KIN	NGDOM RIDGI	E RD, BEDFORD, N	Y 10506
Located at (s	treet) HA			ST earest cross S		ec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality Watershed		OF BEDI				YCDEP:	Joint Review	Delegated ⊠
Presoak Date	SOIL	PERCO		TEST DATA		_	) WITH APPLICAT	
HOLE #		CLOC	K TIME			_	ERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	9:29	9:40	11	20	23	3	3.66
	2	9:41	9:56	15	20	23	3	5.0
	3	9:57	10:12	15	20	23	3	5.0
	4							

	4	10:03	10:15	12	20	23	3	4.0
	5							
#3	1	9:33	9:38	5	20	27-1/2	7-1/2	0.66
	2	9:42	9:45	3	20	25-1/4	5-1/4	0.57
	3	9:46	9:51	5	19	26	7	0.71

20

**20** 

**17** 

19

23-1/4

21

23

27

3-1/4

4

4

7

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

5

1

2

3

5

#2

9:50

9:28

9:37

9:52

10:02

9:36

9:49

9:58

**12** 

8

7

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

3.69

2.0

1.75

0.85

Lot 1 Page 1 of 2

DEPTH	HOLE NO. 1	HOLE NO.	HOLE NO. 3	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	5" TOPSOIL	
6"	LOAM	DK. BROWN LOA	AM DK. BROWN LOAM	
12"	SILTY LOAM			
18"	SILTY LOAM			
24"	<b></b>			
30"	<b></b>	LT. BROWN LOA	M SANDY LOAM	
36"		<b></b>		
42"		<b></b>	MIXED SANDS	
48"		MIXED SANDS	MODERATELY	
54"		MODERATELY	COMPACTED	
60"		COMPACTED		
66"		<b>+</b>		
72"				
78"				
84"	<b>\</b>	<b>1</b>		
INDICATED INDICATE L	NDWATER ENCOUNTERED LEVEL AT WHICH GROUN EVEL FOR WHICH WATER MADE BY PETRUCCELL	DWATER IS ENCOUNT LEVEL RISES AFTER I	BEING ENCOUNTERED	Ft. / In. Ft. / In. 5/12/09
		DESIG	GN	
Soil Rate Use	d Min/1"	Drop:	S.D. Usable Area Prov	vided
No. of Bedroo	oms Septic Tank Ca	npacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench Other	
_	ssional Name Rudolph C. Pe	truccelli, P.E.		
<del></del>	392 Columbus Avenue		SEAL	
	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN	DATA SHEET – SEPARATE SEV	WCDH FILE #						
Owner _	COSIMO TRIPI	Address	8 KINGDOM RIDGE RD, BEDFORD, NY 10506					
Located a	t (street) HARRIS RD & NEW ST (Indicate neare	st cross St.)	Sec.	60.7	Block 2	Lot	8, 8.1, 8.2 & 9	
Municipal	lity TOWN OF BEDFORD							
Watershed	d STONE HILL RIVER		NYCI	DEP:	Joint Review	Del	egated 🛛	

### SOIL PERCOLATION TEST DATA REQUIRED TO BE SUBMITTED WITH APPLICATION

Presoak Date: 5/19/09 Run date: 5/20/09

HOLE #		CLOC	K TIME			PERCOLATION				
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water und Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop		
#1	1	10:19	10:26	7	20	24	4	1.75		
	2	10:26	10:33	7	20	23-1/2	3-1/2	2.0		
	3	10:34	10:41	7	20	23-1/2	3-1/2	2.0		
	4	10:42	10:52	10	20	23-1/2	3-1/2	2.85		
	5	10:53	11:02	9	20	23	3	3.0		
#2	1	10:22	10:28	6	20	24-1/2	4-1/2	1.33		
	2	10:28	10:36	8	20	24	4	2.0		
	3	10:37	10:44	7	20	23-1/2	3-1/2	2.0		
	4	10:45	10:54	9	20	23-1/4	3-1/4	2.77		
	5	10:56	11:07	11	19-3/4	23-1/4	4	2.75		
#3	1	11:11	11:17	6	20	23-1/4	3-1/4	1.84		
	2	11:19	11:27	8	20	23	3	2.66		
	3	11:27	11:36	9	20	23	3	3.0		
	4									
	5									

Perc test done By: PETRUCCELLI ENGINEERING
Notes: Petruccelli engineering
and wcdh

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

<sup>1.</sup> Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

DEPTH	HOLE NO. 1 HOLE NO.		HOLE NO.	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPSOIL	
6"	DK. BROWN LOAM	DK. BROWN LO	AM DK. BROWN LOAM	
12"				_
18"	AT 15" LT.	LT. BROWN LO	AM LT. BROWN LOAM	
24"	BROWN LOAM			
30"				
36"	MIDIUM TO	SANDY LOAM	MODERATELY	
42"	FINE SANDS		COMPACTED	
48"			MIXED SANDS	
54"				_
60"				_
66"				
72"				_
78"				_
84"				_
			<del></del>	_
	NDWATER ENCOUNTERED?		VED ED	T): 4T
	LEVEL AT WHICH GROUNI EVEL FOR WHICH WATER			Ft. / In. Ft. / In.
	S MADE BY PETRUCCELL			5/12/09
		DESI		
Soil Rate Use	d Min/1" I		S.D. Usable Area Provi	ided
		<b>F</b>		
No. of Bedroo	oms Septic Tank Ca	pacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench Other	
Design Profes	ssional Name Rudolph C. Pet	ruccelli, P.E.	Signature	
			SEAL	
	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	ATA SHEI	ET – SEP	ARATE	SEWAGE S	SYSTEM	WCI	OH FILE#	
Owner <u>CC</u>	OSIMO TRI	IPI			Address 8 K	INGDOM RIDGE	E RD, BEDFORD, N	Y 10506
Located at (s	treet) <u>H</u>			ST earest cross		Sec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality Watershed		OF BED	FORD IVER		1	NYCDEP:	Joint Review 🔲	Delegated 🗵
Presoak Date			LATION '	TEST DATA	REQUIRED TO	BE SUBMITTEI  Run date: _	WITH APPLICAT 5/20/09	TION
HOLE #		CLOC	CK TIME			PF	ERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.	Depth From Gro Start Inches	of Water ound Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	11:44	12:07	23	20	23	3	7.66
	2	12:08	12:31	23	20	23	3	7.66
	3	12:31	12:54	23	20	23	3	7.66
	4							
	5							
#2	1	11:46	12:00	14	20	23	3	4.66
	2	12:01	12:17	16	20	23	3	5.33
	3	12:18	12:34	16	20	23	3	5.33
	4							
	5							
#3	1	11:47	11:54	7	20	23-1/4	3-1/4	2.15
	2	11:56	12:05	9	20	23	3	3.0
	3	12:16	12:26	10	20	23	3	3.0
	4							

Notes: and wcdh

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

Lot 3 Page 1 of 2

Perc test done By:

DEPTH	HOLE NO. 1	HOLE NO. 2	HOLE NO. 3	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPSOIL	
6"	SANDY LOAM	DK. BROWN	LOAMY SAND	
12"				
18"		<b>+</b>		
24"		BROWN MIXED SANI	os ↓	
30"		<b>\</b>		
36"			BROWN FINE	
42"			SANDS	
48"	BROWN MEDIUM			
54"	SANDS			
60"	<b></b>	MEDIUM SANDS		
66"	<b></b>			
72"				
78"	<b></b>			
84"				
INDICATED INDICATE I	NDWATER ENCOUNTERED? LEVEL AT WHICH GROUNE LEVEL FOR WHICH WATER I	OWATER IS ENCOUNTER LEVEL RISES AFTER BEI	NG ENCOUNTERED	Ft. / In. Ft. / In. 12/09
		DESIGN		
Soil Rate Use	d Min/1" I		S.D. Usable Area Provide	d
No. of Bedroo	oms Septic Tank Cap	pacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	L.F. x 24" w	ridth trench Other	
	ssional Name Rudolph C. Petr		ignature	
			SEAL	
_	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	T – SEP.	ARATE	SEWAGE S	SYSTEM	WC	DH FILE #	
Owner <u>CC</u>	SIMO TRII	PΙ			Address 8 KI	NGDOM RIDG	E RD, BEDFORD, N	NY 10506
Located at (s	treet) HA			ST earest cross		ec. <b>60.7</b>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality Watershed		OF BEDI HILL RI			N	YCDEP:	Joint Review	Delegated ⊠
Presoak Date		PERCO	LATION	TEST DATA	REQUIRED TO E	BE SUBMITTE  Run date:	D WITH APPLICA' 5/20/09	ΓΙΟΝ
HOLE #		CLOC	K TIME			P	ERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	1:02	1:09	7	20	23	3	2.33
	2	1:09	1:18	9	20	23	3	3.0
	3	1:19	1:28	9	20	23	3	3.0
	4							
	5							
#2	1	1:03	1:11	8	19-1/2	23-1/4	3-3/4	2.13
	2	1:11	1:21	10	20	23	3	3.33
	3	1:22	1:32	10	20	23	3	3.33
	4							
	5							
#3	1	1:04	1:29	25	20	23	3	8.33
	2	1:30	1:55	25	20	23	3	8.33
	3	1:56	2:21	25	20	23	3	8.33
								:

Notes: and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

Lot 4 Page 1 of 2

Perc test done By:

DEPTH	HOLE NO1	HOLE NO.	2	HOLE NO.	3	HOLE NO.
G.L.	5" TOPSOIL	TOPSOIL		TOPSOI	L	
6"	DK. BROWN LOAM &	<b>+</b>		AT 4" DK. BROWN		
12"	SANDS	AT 15" DK. BRO	WN	LOOSE SAI	NDY	
18"	AT 15" BROWN	BROWN LOAN	<u></u>	LOAM		
24"	SANDY LOAM	MEDIUM SANI	OS	<b>\</b>		
30"		<b></b>		<b>\</b>		
36"	SANDY LOAM			<b>\</b>		
42"		BROWN LOAN	<u></u>	<b>\</b>		
48"				DK. BROV	VN	
54"				LOOSE SAI	NDY	
60"				LOAM W/RO	OOTS	
66"		MEDIUM TO FI	NE -	<b>↓</b>		
72"		SANDS		<b>↓</b>		
78"				<b></b>		
84"				<b>\</b>		
			_			
	NDWATER ENCOUNTERED?		EDED			T-4 / T .
	LEVEL AT WHICH GROUNI LEVEL FOR WHICH WATER 1					Ft. / In. Ft. / In.
	S MADE BY PETRUCCELL				5/1	12/09
		DESIG	GN			
Soil Rate Use	d Min/1" I		OI1	S.D. Usable Aı	ea Provide	ď
		F				
No. of Bedroo	oms Septic Tank Ca	pacity	Gals.	Masonry		Metal
Absorption A	rea Prov. by	L.F. x 24"	_ width tre	nch C	Other _	
Design Profes	ssional Name Rudolph C. Pet	ruccelli, P.E.	Signature			
Address	392 Columbus Avenue		SEAL			
<u> </u>	Valhalla, NY 10595					

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	T – SEP.	ARATE	SEWAGE S	SYSTEM WCDH FILE #					
Owner <u>CO</u>	SIMO TRII	PI			Address 8 KI	NGDOM RIDG	E RD, BEDFORD,	NY 10506		
Located at (st	reet) <u>HA</u>					ec. <b>60.7</b>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>		
		(I	ndicate n	earest cross S	St.)					
Municipality Watershed		OF BED				YCDEP:	T. CAR. C	Dalamata I M		
watersheu		HILL R					Joint Review	Delegated 🗵		
	SOIL	PERCO	LATION '	TEST DATA	REQUIRED TO I	BE SUBMITTE	D WITH APPLICA	ATION		
Presoak Date:	5/19/09					Run date:	5/20/09			
HOLE #		CLOC	K TIME				ERCOLATION			
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop		
#1	1	9:31	9:43	12	18	21	3	4.0		
	2	9:43	9:55	12	18	21	3	4.0		
	3	9:55	10:07	12	18	21	3	4.0		
	4									
	5									
#2	1	9:35	9:45	10	18	21	3	3.33		
	2	9:45	9:57	12	18	21	3	4.0		
	3	10:02	10:12	10	18	21	3	3.33		
	4									
	5									
#3	1	9:33	9:43	10	18	21	3	3.33		
	2	9:44	9:55	11	18	21	3	3.66		
	3	9:58	10:08	10	18	21	3	3.33		
	,					:				

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

Lot 5 Page 1 of 2

DEPTH	HOLE NO. 1	HOLE NO.	HOLE NO.	3 HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPSOIL	
6"	DK. BROWN	SANDY LOAM	<b></b>	
12"	LT. BROWN LOAM			
18"		MIXED FINE SAN	NDS AT 15" DK. BRO	WN
24"			LOOSE SAND	Y
30"	<u></u>		LOAM	
36"				
42"	MOTTLING AT 42"	MIXED SANDS	MOTTLING AT	42"
48"				<del></del>
54"				<del></del>
60"			<del></del>	<del>-</del>
66"				<del></del>
72"			<del></del>	<del>-</del>
78"				<del></del>
84"				
INDICATED INDICATE L	NDWATER ENCOUNTERED? LEVEL AT WHICH GROUNI EVEL FOR WHICH WATER S MADE BY PETRUCCELL	OWATER IS ENCOUNT LEVEL RISES AFTER I	BEING ENCOUNTERED	Ft. / In. Ft. / In. 5/12/09
		DESIG	GN	
Soil Rate Used	d Min/1" I	Orop:	S.D. Usable Area	Provided
No. of Bedroo	oms Septic Tank Ca	pacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench Other	er
_	sional Name Rudolph C. Pet	ruccelli, P.E.		
	392 Columbus Avenue		SEAL	
	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	T - SEP	ARATE	SEWAGE S	SYSTEM	WC	CDH FILE #		
Owner <u>CO</u>	SIMO TRII	PI			Address 8 KI	NGDOM RIDG	E RD, BEDFORD,	NY 10506	
Located at (st	reet) <u>HA</u>					ec. 60.7	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>	
		ì		earest cross S	St.)				
Municipality Watershed		OF BED			NYCDEP: Joint Review Delegated 🛛				
				TEST DATA	REQUIRED TO F	BE SUBMITTE	D WITH APPLICA		
Presoak Date:						Run date:			
HOLE #		CLOC	K TIME			P	ERCOLATION		
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop	
#1	1	10:17	10:27	10	20	23	3	3.33	
	2	10:28	10:37	9	20	23	3	3.0	
	3	10:38	10:48	10	20	23	3	3.33	
	4								
	5								
#2	1	10:18	10:28	10	20	23	3	3.33	
	2	10:29	10:44	15	20	23	3	5.0	
	3	10:44	10:59	15	20	23	3	5.0	
	4								
	5								
#3	1	10:19	10:29	10	20	23	3	3.33	
	2	10:30	10:39	9	20	23	3	3.0	
	3	10:40	10:50	10	20	23	3	3.33	
					:	<u> </u>	<del>-</del>	<u> </u>	

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

Lot 6 Page 1 of 2

DEPTH	HOLE NO. 1	HOLE NO.	2 HOLE NO.	3 HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPSOIL	
6"	AT 4" BROWN	DK. BROWN SA	NDY ↓	
12"	SANDY LOAM	LOAM	AT 15" DK. BRO	OWN
18"	<b></b>		SANDY LOA	M
24"	<b></b>			
30"	MEDIUM SANDS	SANDY LOAN	м ↓	
36"	<b>+</b>		MEDIUM SAN	DS
42"	<b>+</b>		LOOSE	
48"	<b>+</b>			
54"				
60"				<del></del> -
66"				<del></del> -
72"				
78"				
84"	<b></b>			
INDICATED INDICATE L	LEVEL FOR WHICH WAT	OUNDWATER IS ENCOUN FER LEVEL RISES AFTER		Ft. / In. Ft. / In. 5/12/09
		DES	IGN	
Soil Rate Use	d Min	n/1" Drop:	S.D. Usable Area	Provided
No. of Bedroo	oms Septic Tan	k Capacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench Oth	
_	ssional Name Rudolph C 392 Columbus Avenue	S. Petruccelli, P.E.	Signature SEAL	
	Valhalla, NY 10595		~	
	·			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	ET – SEP	ARATE	SEWAGE S	SYSTEM	WC	CDH FILE #	
Owner <u>CO</u>	SIMO TRI	IPI			Address 8 K	INGDOM RIDG	E RD, BEDFORD,	NY 10506
Located at (st	reet) <u>H</u>					Sec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
		()	Indicate n	earest cross	St.)			
Municipality		OF BED						
Watershed	STONI	E HILL R	IVER			NYCDEP:	Joint Review	Delegated 🛚
	SOII	L PERCO	LATION 7	FEST DATA	REQUIRED TO	BE SUBMITTE	D WITH APPLICA	ATION
Presoak Date:	5/19/09	)				Run date:	5/20/09	
HOLE #		CLOC	CK TIME			P	PERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water ound Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	11:09	11:20	11	20	23	3	3.66
	2	11:21	11:31	10	20	23	3	3.33
	3	11:31	11:41	10	20	23	3	3.33
	4							
	5							
#2	1	11:12	11:22	10	18	22	4	2.5
	2	11:23	11:32	9	18	21	3	3.0
	3	11:32	11:41	9	18	21	3	3.0
	4						i i i	
	5				1			
#3	1	11:14	11:24	10	20	24	4	2.5
	2	11:25	11:34	9	20	23	3	3.0
	3	11:34	11:43	9	20	23	3	3.0
		+			:	:		<u> </u>

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

5

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

DEPTH	HOLE NO.	1 HOLE NO.	2 HOLE NO.	3 HOLE NO.	
G.L.	TOPSOIL	TOPSOIL		<u></u>	
6"	BROWN GRAY	Y REDISH BRO	WN SANDY I	JOAM	
12"	MIXED SAND	S LOAM	<u></u>		
18"					
24"		BROWN LOA	AM ↓		
30"					
36"		GRAY MEDIU	м то ↓		
42"		FINE SAND	S COARS	Е ТО	
48"	GRAY SANDS	<b>.</b>	MEDIUM	SANDS	
54"		SANDY LOA			
60"					
66"					
72"					
78"					
84"	<b></b>				
INDICATED INDICATE L	EVEL FOR WHICH V	TERED? YES/NO GROUNDWATER IS ENCOUN VATER LEVEL RISES AFTEI UCCELLI ENGINEERING	R BEING ENCOUNTERED		
		DES	SIGN		
Soil Rate Used	d	Min/1" Drop:	S.D. Usable	Area Provided	
No. of Bedroo	oms Septic	Tank Capacity	Gals. Masonry	Metal	
Absorption A	rea Prov. by	L.F. x 24"	width trench	Other	
_		oh C. Petruccelli, P.E.			
	392 Columbus Avenue		SEAL		
	Valhalla, NY 10595				

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	T – SEP	ARATE	SEWAGE S	SYSTEM WCDH FILE #				
Owner <u>CO</u>	SIMO TRII	PI			Address 8 KI	NGDOM RIDGE	RD, BEDFORD, N	NY 10506	
Located at (st	reet) <u>HA</u>			ST earest cross S		ec. <u><b>60.7</b></u>	Block 2	Lot 8, 8.1, 8.2 & 9	
Municipality Watershed		HILL R	IVER	TEST DATA			Joint Review   WITH APPLICA	Delegated ⊠	
Presoak Date:					-	Run date:			
HOLE#		CLOC	K TIME			PE	RCOLATION		
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop	
#1	1	9:46	10:14	28	20	23	3	9.33	
	2	10:15	10:48	33	20	23	3	11	
	3	10:50	11:23	33	20	23	3	11	
	4								
	5								
#2	1	9:32	9:42	10	20	23	3	3.33	
	2	9:44	10:04	20	20	23	3	6.66	
	3	10:04	10:30	26	20	23	3	8.66	
	4	10:32	10:52	20	20	23	3	6.66	
	5	10:54	11:25	31	20	23	3	10.33	
#3	1	9:38	10:00	22	20	23	3	3.14	
	2	10:01	10:33	32	20	23	3	10.66	
	3	10:34	11:04	30	20	23	3	10.0	
	1		:						

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

Lot 10 Page 1 of 2

DEPTH	HOLE NO. 1	HOLE NO.	2 HOLE NO.	3 HOLE NO.
G.L.	TOPSOIL	4" TOPSOIL	4" TOPSO	DIL
6"	BROWN SANDY LOAM	BROWN LOA	M BROWN SAND	Y LOAM
12"		W/ROOTS		
18"	<del></del>			
24"	MIX GRAY LOOSE	LOOSE SAND	Y GRAY MEDIUM	M SANDS
30"	SANDS	LOAM W/ COBB	LES	
36"				
42"	<del></del>			
48"	<del></del>			
54"				
60"				
66"		AT 66" ROCE		
72"			AT 72" RO	OCK
78"				
84"	<b>1</b>			
INDICATED INDICATE L	NDWATER ENCOUNTERED?  LEVEL AT WHICH GROUND  EVEL FOR WHICH WATER I  S MADE BY PETRUCCELL	WATER IS ENCOUNT EVEL RISES AFTER	BEING ENCOUNTERED	Ft. / In. Ft. / In. 5/12/09
		DES	IGN	
Soil Rate Use	d Min/1" D	rop:	S.D. Usable A	Area Provided
No. of Bedroo	oms Septic Tank Cap	pacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	_ L.F. x 24"	width trench	Other
Design Prof <u>es</u>	ssional Name Rudolph C. Petr	uccelli, P.E.	Signature	
Address 3	392 Columbus Avenue		SEAL	
	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

				Mou	iit Kisco, iv i 103	47			
DESIGN DA	TA SHEE	T – SEP	ARATE	SEWAGE S	YSTEM	WCD	H FILE #		
Owner <u>CO</u>	SIMO TRI	PI			Address 8 KIN	NGDOM RIDGE	RD, BEDFORD, N	Y 10506	
Located at (st	reet) <u>HA</u>			ST earest cross S		ec. <u>60.7</u> 1	Block 2 I	Lot <u>8, 8.1, 8.2 &amp; 9</u>	
Municipality		OF BEDI			N	VCDED -		D. (157	
	Vatershed STONE HILL RIVER NYCDEP: Joint Review ☐ Delegated ☑  SOIL PERCOLATION TEST DATA REQUIRED TO BE SUBMITTED WITH APPLICATION								
Presoak Date:	5/19/09					Run date: 5	/20/09		
HOLE #		CLOC	K TIME		PERCOLATION				
Hole Number	Run No.	Start	Stop	Elapse Time Min.	Depth o From Grou Start Inches	f Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop	
#1	1	11:42	11:53	11	20	23	3	3.66	
	2	11:54	12:10	16	20	23	3	5.33	
	3	12:11	12:35	24	20	23	3	8.0	
	4	12:37	1:05	28	20	23	3	9.33	

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				Perc test done By	:	PETRUCCELLI ENGINEERING
Notes:						and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

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3

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5

1

2

3

4

#2

#3

1:08

11:44

12:09

12:33

1:03

11:40

12:09

12:35

1:09

1:31

12:08

12:33

1:02

1:30

12:07

12:35

11:08

1:40

23

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24

29

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31

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

7.66

8.0

8.0

9.66

9.0

9.0

8.66

11.0

10.33

DEPTH	HOLE NO. 1	HOLE NO.	2 HOLE NO. 3	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPSOIL	
6"	BROWN MIXED SANDS	BROWN	BROWN SANDY LOAM	
12"	<u></u>	SANDY LOAN	<u>и</u>	
18"		AT 15" GRAY BR	own ↓	
24"		MIXED SAND	S MIXED SANDS	
30"	BROWN GRAY			
36"	MIXED SANDS			
42"				
48"		MIXED SAND	S MEDIUM SANDS	
54"			MODERATELY	
60"			COMPACTED	
66"				
72"				
78"				
84"		<b></b>		
INDICATED INDICATE I	NDWATER ENCOUNTERED?  LEVEL AT WHICH GROUND  LEVEL FOR WHICH WATER I  S MADE BY PETRUCCELL	WATER IS ENCOUNT EVEL RISES AFTER	BEING ENCOUNTERED	Ft. / In. Ft. / In. 09
		DES	SIGN	
Soil Rate Use	ed Min/1" D	rop:	S.D. Usable Area Provide	d
No. of Bedro	oms Septic Tank Cap	acity	Gals. Masonry	Metal
Absorption A	area Prov. by	_ L.F. x 24"	_ width trench Other _	
Design Prof <u>e</u> s	ssional Name Rudolph C. Petr	uccelli, P.E.		
Address _	392 Columbus Avenue		SEAL	
_	Valhalla, NY 10595			

### **Bureau of Environmental Quality** 118 N. Bedford Road

				Mou	ınt Kisco, NY	10549		
DESIGN DA	ATA SHEE	T – SEP	ARATE	SEWAGE S	SYSTEM	WCl	DH FILE#	
Owner <u>CC</u>	SIMO TRI	PI			Address 8	KINGDOM RIDGI	E RD, BEDFORD,	NY 10506
Located at (s	treet) HA			ST earest cross	C+ )	Sec. <u>60.7</u>	Block 2	Lot 8, 8.1, 8.2 & 9
Municipality	TOWN	•		carest cross	Ji.)	_		
Watershed	STONE	E HILL R	IVER			NYCDEP:	Joint Review	Delegated 🛛
Presoak Date			LATION	TEST DATA	REQUIRED T	O BE SUBMITTEI  Run date: _		TION
HOLE #		CLOC	K TIME			PI	ERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		th of Water Fround Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	12:15	12:31	16	20	23	3	5.33
	2	12:32	12:48	16	20	23	3	5.33
	3	12:48	1:12	24	20	23	3	8.0
	4	1:15	1:38	23	20	23	3	7.66
	5							
#2	1	12:13	12:29	16	20	23	3	5.33
	2	12:30	12:46	16	20	23	3	5.33

3 5 1:45 2:11 20 23 8.66 26 PETRUCCELLI ENGINEERING Perc test done By: Notes: and WCDH

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11

16

28

27

3

4

5

1

2

3

4

#3

12:47

1:13

12:17

12:29

12:45

1:16

1:10

1:36

12:28

12:45

1:13

1:43

Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

**SD27.6** Revised 01/18/08

7.66

7.66

3.66

5.33

9.33

9.0

Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

DEPTH	HOLE NO. 1	HOLE NO.	2 HOLE	E NO. 3	HOLE NO.
G.L.	TOPSOIL	3" TOPSOIL	. 49	" TOPSOIL	
6"	COARSE MEDIUM	AT 3" BROW	N AT	T 4" BROWN	
12"	SANDS	COARSE SAN	DS SA	NDY LOAM	
18"	<u></u>	AT 12" COAR	SE	$\downarrow$	
24"		SANDS COMPAC	CTED	<del></del>	
30"				<del></del>	
36"		MEDIUM TO CO.	ARSE MI	IXED SANDS	
42"	<b></b>	SANDS		<b></b>	
48"		<u></u>		<b></b>	
54"				<b></b>	
60"				<b></b>	
66"				<b></b>	
72"			MI	IXED SANDS	
78"			W	//COBBLES	
84"				<b></b>	
INDICATED INDICATE L	NDWATER ENCOUNTERED LEVEL AT WHICH GROUD LEVEL FOR WHICH WATE SMADE BY PETRUCCED	NDWATER IS ENCOUN R LEVEL RISES AFTER	BEING ENCOUNT		Ft. / In.
		DES	IGN		
Soil Rate Use	d Min/1	' Drop:	S.D. V	Usable Area Provided	I
No. of Bedroo	oms Septic Tank (	Capacity	Gals. Ma	asonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	_ width trench	Other _	
_	ssional Name Rudolph C. P	etruccelli, P.E.			
	392 Columbus Avenue		SEAL		
	Valhalla, NY 10595				

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	ET – SEP	ARATE	SEWAGE	SYSTEM	WC	DH FILE#	
Owner <u>CO</u>	SIMO TRI	IPI			Address 8 KI	NGDOM RIDG	E RD, BEDFORD,	NY 10506
Located at (st	reet) <u>H</u>	ARRIS RI	NEW (Indicate n	ST earest cross	St.)	Sec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality Watershed		OF BED			1	NYCDEP:	Joint Review	Delegated ⊠
			LATION '	TEST DAT	A REQUIRED TO		D WITH APPLICA	TION
Presoak Date:	5/19/09	)				Run date:	5/20/09	
HOLE #		CLOC	CK TIME				ERCOLATION	_
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water ound Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	10:24	10:51	27	20	23	3	9.0
	2	10:52	11:22	30	20	23	3	10.0
	3	11:24	11:54	30	20	23	3	10.0
	4							
	5							
#2	1	10:26	10:41	15	20	23	3	5.0
	2	10:42	11:03	21	20	23	3	7.0
	3	11:04	11:25	21	20	23	3	7.0
	4							
	5							
	1							
	2							
	3							
	4							
	5							

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

Notes:

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

and WCDH

Lot 13A Page 1 of 2

Perc test done By:

DEPTH	HOLE NO.	1	HOLE NO.	2 HOL	E NO.	HOLE NO.
G.L.	TOI	PSOIL	TOPSOIL	<u> </u>		
6"	BROW	N LOAM	BROWN SANDY	LOAM	_	
12"		<del>\</del>	<del></del>			
18"		$\downarrow$	<b></b>			
24"	AT 20" GF	RAY MIXED	GRAY MIXE	D		
30"	LOOSI	E SANDS	LOOSE SANI	OS		
36"		<del>\</del>	<b></b>			
42"		<del>\</del>	<b></b>			
48"		<del>\</del>				
54"		<del></del>				
60"					_	_
66"	66" ↓ ↓				_	_
72"		<del>\</del>				
78"		<del></del>				
84"		↓				
INDICATED INDICATE L	LEVEL AT W LEVEL FOR W	HICH WATER L	ES/NO VATER IS ENCOUN EVEL RISES AFTER ENGINEERING	BEING ENCOUN	TERED	_ Ft. / In. Ft. / In. /09
			DES	IGN		
Soil Rate Use	d	Min/1" Dr	op:	S.D.	Usable Area Provided	
No. of Bedrooms Septic Tank Capacity				Gals. M	Iasonry	Metal
Absorption A	rea Prov. by		L.F. x 24"	width trench	Other	
-			ccelli, P.E.			
	392 Columbus			SEAL		
	Valhalla, NY 10	0595				

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	ET – SEP	ARATE	SEWAGE	E SYSTEM WCDH FILE #					
Owner <u>CO</u>	SIMO TRI	IPI			Address 8 K	INGDOM RIDG	SE RD, BEDFORD, 1	NY 10506		
Located at (st	reet) <u>H</u>			ST earest cross		Sec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>		
Municipality Watershed	STONI	OF BED	IVER		_		Joint Review			
Presoak Date:			LATION '	TEST DATA	A REQUIRED TO	BE SUBMITTE Run date:	ED WITH APPLICA 5/20/09	TION		
HOLE #		CLOC	CK TIME				PERCOLATION			
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water ound Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop		
#3	1	12:01	12:11	10	20	23	3	3.33		
	2	12:12	12:26	14	20	23	3	4.66		
	3	12:27	12:41	14	20	23	3	4.66		
	4									
	5									
#4	1	12:03	12:16	13	20	23	3	4.33		
	2	12:17	12:32	15	20	23	3	5.0		
	3	12:32	12:47	15	20	23	3	5.0		
	4						i i i i			
	5									
	1									
	2									
	3									
	4									

Notes: and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All

data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

Lot 13B Page 1 of 2

Perc test done By:

DEPTH	HOLE NO. 3	HOLE NO.	4 HOLE NO	. HOLE NO.	
G.L.	TOPSOIL	TOPSOIL			
6"	DK. BROWN LOAM	DK. BROWN SA	ANDY		
12"		LOAM			
18"	<b></b>	AT 15" BROWN	LOAM		
24"	GRAY MIXED SANDS				
30"	<b></b>	GRAY MEDIUM S	SANDS		
36"					
42"					
48"					
54"					
60"	<b></b>				
66"					
72"					
78"					
84"		<b>_</b>		-	
INDICATED INDICATE L	NDWATER ENCOUNTERED LEVEL AT WHICH GROUN EVEL FOR WHICH WATER S MADE BY PETRUCCEL	NDWATER IS ENCOUN R LEVEL RISES AFTER	R BEING ENCOUNTERI		/ In.
		DES	SIGN		
Soil Rate Use	d Min/1"	Drop:	S.D. Usab	le Area Provided	
No. of Bedroo	oms Septic Tank C	apacity	Gals. Mason	ry Metal	
Absorption A	rea Prov. by	L.F. x 24"	width trench	Other	
_	sional Name Rudolph C. Pe	etruccelli, P.E.	Signature		
	392 Columbus Avenue	_	SEAL		
	Valhalla, NY 10595				

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DAT	ΓA SHEI	ET – SEP	ARATE	SEWAGE	SYSTEM	YSTEM WCDH FILE #				
Owner COS	SIMO TRI	IPI			Address 8 K	INGDOM RIDGI	E RD, BEDFORD, N	VY 10506		
Located at (str	reet) <u>H</u>			ST earest cross		Sec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>		
Municipality Watershed		OF BEDI			1	NYCDEP:	Joint Review	Delegated ⊠		
Presoak Date:	SOII 5/19/09		LATION	TEST DAT	A REQUIRED TO	BE SUBMITTEI  Run date: _	O WITH APPLICAT 5/20/09	TION		
HOLE #	CLOCK TIME					PI	ERCOLATION			
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water ound Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop		
#1	1	9:34	9:52	18	19-1/2	22-1/2	3	6.0		
	2	9:53	10:21	28	20	23	3	9.33		
	3	10:22	10:50	28	20	23	3	9.33		
	4									
	5									
#2	1	9:36	9:44	8	19-3/4	22-3/4	3	2.66		
	2	9:44	9:54	10	20	23	3	3.33		
	3	9:54	10:04	10	20	23	3	3.33		
	4									
	5									
	1									
	2									
	3									
	4									
	_		: 7					•		

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

Notes:

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

and WCDH

Lot 14A Page 1 of 2

Perc test done By:

DEPTH	HOLE NO.	1	HOLE NO.	2 HOLE NO	•	HOLE NO.
G.L.		PSOIL	TOPSOIL	<u></u>		
6"	SAND	Y LOAM	SANDY LOA	M		
12"		<b></b>	<b>↓</b>			
18"		<b></b>	<b>\</b>			
24"		<b></b>	<b>↓</b>			
30"		<b></b>	<b>↓</b>			
36"		<u> </u>	<b>\</b>	<del></del>		
42"		<b></b>	<b>↓</b>		·	
48"		<b></b>	<b>↓</b>		·	
54"		<b></b>	<b>↓</b>			
60"		<b></b>	<b>\</b>			
66"	AT 64	"ROCK			·	
72"		_	AT 69" ROC	К		
78"			<b></b>			
84"					· · · · · · · · · · · · · · · · · · ·	_
INDICATED INDICATE L	LEVEL AT W LEVEL FOR W	WHICH WATER LE	VATER IS ENCOUN EVEL RISES AFTER	TERED  R BEING ENCOUNTERE  DATE OF DEEP TES		Ft. / In.
			DES	SIGN		
Soil Rate Use	d	Min/1" Dro	op:	S.D. Usab	le Area Provided	
No. of Bedroo	oms	Septic Tank Capa	city	Gals. Mason	ry	Metal
Absorption A	rea Prov. by		L.F. x 24"	width trench	Other	
_			ccelli, P.E.	Signature		
<del></del>	392 Columbus			SEAL		
	Valhalla, NY 1	0595				

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	ET – SEP.	ARATE	SEWAGE	SYSTEM	WC	DH FILE #	
Owner <u>CO</u>	SIMO TRI	[PI			Address 8 F	KINGDOM RIDG	E RD, BEDFORD,	NY 10506
Located at (st	reet) <u>H</u>	ARRIS RD	NEW ndicate n	ST earest cross		Sec. <b>60.7</b>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality Watershed		OF BEDI				NYCDEP:	Joint Review	<b>Delegated</b> ⊠
		L PERCO	LATION	TEST DAT	A REQUIRED TO		D WITH APPLICA	ATION
Presoak Date:	5/19/09	1				Run date:	5/20/09	
HOLE #		CLOC	K TIME		_		ERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		h of Water round Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#3	1	12:49	1:19	30	23	24	1	30
	2	1:19	1:49	30	20	21	1	30
	3	1:50	2:20	30	20	21	1	30
	4							
	5							
#4	1	12:51	1:07	16	20	23	3	5.33
	2	1:08	1:26	18	20	23	3	6.0
	3	1:28	1:46	20	20	23	3	6.66
	4					1		
	5							
	1							
	2							
	3							
	4							
	_					:		

Notes: and WCDH

1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All

data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

Lot 14B Page 1 of 2

Perc test done By:

DEPTH	HOLE NO3	HOLE NO.	4 HOLE NO.	HOLE NO.
G.L.	TOPSOIL	TOPSOIL		
6"	BROWN SANDY LOAM	BROWN SANDY I	LOAM	
12"				
18"				
24"	COARSE TO MEDIUM			
30"	SANDS			
36"			<del></del>	<del></del> -
42"		AT 40" MOTTL	ING	<del></del> -
48"	AT 48" WATER	MIXED GRAY SA	ANDS	
54"			<del></del>	<del></del> -
60"			<del></del>	<del></del> -
66"			<del></del>	<del></del> -
72"	AT 72" ROCK			<del></del>
78"				<del></del>
84"				
INDICATED INDICATE I	NDWATER ENCOUNTERED?  LEVEL AT WHICH GROUND  LEVEL FOR WHICH WATER I  S MADE BY PETRUCCELL	WATER IS ENCOUN LEVEL RISES AFTER	<del></del>	Ft. / In. Ft. / In. 5/12/09
		DES	IGN	
Soil Rate Use	ed Min/1" D	rop:	S.D. Usable A	rea Provided
No. of Bedro	oms Septic Tank Cap	pacity	Gals. Masonry	Metal
Absorption A	area Prov. by	L.F. x 24"	width trench	Other
Design Prof <u>e</u>	ssional Name Rudolph C. Petr	ruccelli, P.E.	Signature	
Address _	392 Columbus Avenue		SEAL	
_	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	TA SHEE	ET – SEP	ARATE	SEWAGE S	SYSTEM	WC	CDH FILE #	
Owner <u>CO</u>	SIMO TRI	[PI			Address 8 K	INGDOM RIDG	SE RD, BEDFORD, N	NY 10506
Located at (st	reet) <u>H</u>	ARRIS RE	<b>NEW</b> ndicate n	ST earest cross	St.)	Sec. <u>60.7</u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality	TOWN	OF BED						
Watershed	STONI	E HILL R	IVER			NYCDEP:	Joint Review	Delegated 🛛
	SOII	L PERCO	LATION	TEST DATA	REQUIRED TO	BE SUBMITTE	D WITH APPLICA	ΓΙΟΝ
Presoak Date:	5/19/09	1				Run date:	5/20/09	
HOLE #		CLOC	CK TIME			P	PERCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water ound Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	1:57	2:01	4	17-3/4	20-3/4	3	1.33
	2	2:01	2:08	7	20	23	3	2.33
	3	2:09	2:18	9	20	23	3	3.0
	4							
	5							
#2	1	11:56	12:01	5	20	23-1/4	3-1/4	1.53
	2	12:08	12:18	10	20	23	3	3.33
	3	12:19	12:27	9	20	23	3	3.0
	4	1:56	2:05	9	20	23	3	3.0
	5							
#3	1	11:57	12:41	44	20	23	3	14.66
	2	12:48	1:52	64	20	23	3	21.33
	3	1:53	2:34	41	19-3/4	21-3/4	2	20.5
		•	-	-	:	•	<del>- :</del>	÷

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

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Lot 15 Page 1 of 2

<sup>1.</sup> Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

<sup>2.</sup> Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

DEPTH	HOLE NO. 1	HOLE NO.	2 HOLE	NO. 3	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	<u></u>	OPSOIL	
6"	LOAM	DK BROWN LOA	AM BRO	OWN SANDY	
12"	AT 10" REDISH	AT 12" BROWN LO	OAM CL	AY LOAM	
18"	BROWN LOAM			<del></del>	
24"	AT 24" FINE SANDS			<del></del>	
30"		MIXED GRAY SA	NDS	<del></del>	
36"	GRAY MIXED SANDS	<b></b>	<del></del> -	<b></b>	-
42"				<b></b>	
48"			AT 4	45" WATER	
54"				<b></b>	
60"				<b></b>	
66"		AT 63" WATEI	R	<b></b>	
72"				<b></b>	
78"				<b></b>	
84"	AT 84" WATER			<b></b>	
INDICATED INDICATE L	NDWATER ENCOUNTERED? LEVEL AT WHICH GROUND LEVEL FOR WHICH WATER I S MADE BY PETRUCCELL	WATER IS ENCOUNT LEVEL RISES AFTER 1	BEING ENCOUNTE	ERED	Ft. / In. Ft. / In. 2/09
		DESIG	GN		
Soil Rate Use	d Min/1" D	rop:	S.D. Us	sable Area Provide	d
No. of Bedroo	oms Septic Tank Cap	pacity	Gals. Mas	sonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench	Other _	
_	ssional Name Rudolph C. Petr	ruccelli, P.E.			
	392 Columbus Avenue	,	SEAL		
_	Valhalla, NY 10595				

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DA	ATA SHEE	T – SEP.	ARATE	SEWAGE S	YSTEM	WCD	H FILE#	
Owner <u>CC</u>	OSIMO TRII	PΙ			Address 8 KI	NGDOM RIDGE	RD, BEDFORD, N	NY 10506
Located at (s	street) HA			ST earest cross S		ec. <u><b>60.7</b></u>	Block 2	Lot <b>8, 8.1, 8.2 &amp; 9</b>
Municipality Watershed		OF BEDI			N	YCDEP:	oint Review	Delegated ⊠
	SOIL	PERCO				BE SUBMITTED	WITH APPLICAT	ΓΙΟΝ
Presoak Date	5/19/09					Run date: _5	5/20/09	
HOLE #		CLOC	K TIME			PEI	RCOLATION	
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop
#1	1	11:24	11:31	7	20	23	3	2.33
	2	11:32	11:41	9	20	23	3	3.0
	3	11:41	11:51	10	20	23	3	3.33
	4							
	5							
#2	1	11:26	11:42	16	20	23	3	5.33
	2	11:44	12:01	17	20	23	3	5.66
	3	12:03	12:23	20	20	23	3	6.66
	4	12:25	12:44	19	20	23	3	6.33
	5							
#3	1	11:27	11:42	15	20	23	3	5.0
	2	11:43	12:01	18	20	23	3	6.0
	3	12:03	12:30	27	20	23	3	9.0
	4	12.41	1.06	25	20	22	2	0 22

Notes:

Perc test done By: PETRUCCEL
and WCDH

SD27.6 Revised 01/18/08

PETRUCCELLI ENGINEERING

<sup>1.</sup> Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

<sup>2.</sup> Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

DEPTH	HOLE NO1	HOLE NO. 2	HOLE NO. 3	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPSOIL	
6"	LOAM	BROWN SANDY LO	DAM DK. BROWN LOAM	
12"	BROWN SANDY	<b>\</b>		
18"	CLAY LOAM		AT 15" BROWN LOAM	-
24"				-
30"		GRAY MIXED SANI	os ↓	-
36"	LOOSE GRAY MIXED	LOOSE		
42"	SANDS			
48"				
54"				<del>.</del>
60"				-
66"				· ·
72"				-
78"				
84"	AT 80" ROCK	<b>1</b>	<b></b>	
INDICATED INDICATE I	NDWATER ENCOUNTERED? LEVEL AT WHICH GROUND EVEL FOR WHICH WATER I	WATER IS ENCOUNTE LEVEL RISES AFTER B	EING ENCOUNTERED	Ft. / In. Ft. / In.
DEEP TESTS	S MADE BY PETRUCCELL	I ENGINEERING	DATE OF DEEP TESTS 5/1	2/09 & 5/19/09
		DESI		
Soil Rate Use	d Min/1" D	rop:	S.D. Usable Area Provi	ded
No. of Bedroo	oms Septic Tank Cap	pacity	Gals. Masonry	Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench Other	
_	ssional Name Rudolph C. Petr	ruccelli, P.E.	Signature	
Address	392 Columbus Avenue		SEAL	
	Valhalla, NY 10595			

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

				MIO	unt ixisco, iv i	10349			
DESIGN DA	TA SHEE	ET – SEP	ARATE	SEWAGE S	SYSTEM WCDH FILE #				
Owner <u>CO</u>	SIMO TRI	PI			Address 8	KINGDOM RID	GE RD, BEDFORD,	NY 10506	
Located at (st	reet) <u>H</u> A			ST earest cross		Sec. <u>60.7</u>	Block	Lot <b>8, 8.1, 8.2 &amp; 9</b>	
Municipality Watershed  TOWN OF BEDFORD STONE HILL RIVER						NYCDEP:	Joint Review	Delegated ⊠	
Presoak Date:			LATION '	TEST DATA	A REQUIRED TO	O BE SUBMITT  Run date:	ED WITH APPLICA 5/20/09	TION	
HOLE #		CLOC	TZ (DINA)						
HOLE # Hole Number	Run No.	Start	K TIME Stop	Elapse Time Min.		th of Water round Surface Stop Inches	PERCOLATION  Water Level Drop In Inches	Soil Rate Min./In. Drop	
#1	1	10:35	10:40	5	20	23	3	1.66	
	2	10:41	10:47	6	20	23	3	2.0	
	3	10:47	10:54	7	20	23	3	2.33	
	4	10:55	11:03	8	20	23	3	2.66	
	5	11:04	11:14	10	20	23	3	3.33	
#2	1	10:37	11:09	32	20	23	3	10.66	
	2	11:09	11:46	37	20	23	3	12.33	
	3	11:47	12:26	39	20	23	3	13	
	4								
	5								
#3	1	10:39	10:51	12	20	23	3	4.0	
	2	10:51	11:05	14	20	23	3	4.66	
	3	11:06	11:21	15	20	23	3	5.0	

Notes:

Perc test done By: PETRUCCELLI ENGINEERING
and WCDH

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1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

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DEPTH	HOLE NO. 1	HOLE NO. 2	HOLE NO. 3	HOLE NO.			
G.L.	TOPSOIL	8" TOPSOIL	TOPSOIL				
6"	DK. BROWN LOAM	SANDY LOAM	DK. BROWN LOAM				
12"	AT 10" BROWN		<u></u>				
18"	SANDY LOAM	<b></b>	<u></u>				
24"		<b></b>	BROWN LOAM				
30"			<u></u>				
36"							
42"		AT 40" MIXED SANDS					
48"		LOOSE					
54"							
60"	MIXED SANDS		<b>_</b>				
66"							
72"							
78"							
84"			<b>—</b>				
INDICATED INDICATE I	NDWATER ENCOUNTERED? LEVEL AT WHICH GROUNI LEVEL FOR WHICH WATER I	OWATER IS ENCOUNTEREI LEVEL RISES AFTER BEING	G ENCOUNTERED	Ft. / In. Ft. / In. 19/09			
		DESIGN					
Soil Rate Use	d Min/1" I	Prop:	S.D. Usable Area Provide	d			
No. of Bedrooms Septic Tank Capacity Gals. Masonry Metal							
Absorption A	rea Prov. by	L.F. x 24" widt	th trench Other				
	ssional Name Rudolph C. Pet		ature				
		SF	EAL				
	Valhalla, NY 10595						

### Bureau of Environmental Quality 118 N. Bedford Road Mount Kisco, NY 10549

DESIGN DATA SHEET – SEPARATE SEWAGE SYSTEM WCDH FILE #									
Owner <u>CO</u>	SIMO TRI	<u>IPI</u>			Address 8 KINGDOM RIDGE RD, BEDFORD, NY 10506				
Located at (st	treet) H			ST earest cross S		ec. <u>60.7</u>	Block 2	Lot 8, 8.1, 8.2 & 9	
Municipality Watershed TOWN OF BEDFORD STONE HILL RIVER				N	YCDEP:	Joint Review	<b>Delegated</b> ⊠		
Presoak Dates			LATION	TEST DATA	REQUIRED TO H	BE SUBMITTE	D WITH APPLICA 5/20/09	TION	
HOLE #		CLOC	K TIME			P	ERCOLATION		
Hole Number	Run No.	Start	Stop	Elapse Time Min.		of Water and Surface Stop Inches	Water Level Drop In Inches	Soil Rate Min./In. Drop	
#1	1	9:38	9:51	13	20	23	3	4.33	
	2	9:52	10:09	17	20	23	3	5.66	
	3	10:10	10:27	17	20	23	3	5.66	
	4								
	5								
#2	1	9:40	9:52	12	20	23-1/2	3-1/2	3.42	
	2	9:53	10:06	13	20	23-1/2	3-1/2	3.71	
	3	10:07	10:20	13	20	23	3	4.33	
	4	10:21	10:34	13	20	23	3	4.33	
	5								
#3	1	9:41	9:54	13	20	23	3	4.33	
	2	9:55	10:12	17	20	23	3	5.66	
	3	10:13	10:31	18	20	23	3	6.0	

Perc test done By: PETRUCCELLI ENGINEERING

Notes: and WCDH

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1. Tests to be repeated at same depth until approximately equal soil rates are obtained at each percolation test hole. All data to be submitted for review.

2. Depth measurements to be made from top of hole. DO NOT REPORT INCREMENTS OF LESS THAN ONE INCH.

SD27.6 Revised 01/18/08

Lot 18 Page 1 of 2

DEPTH	HOLE NO. 1	HOLE NO.	2 HOLE NO.	3	HOLE NO.
G.L.	TOPSOIL	TOPSOIL	TOPS		
6"	DK. BROWN LOAM	BROWN LOAD	M BROWN	LOAM	
12"	AT 10" BROWN				
18"	SANDY LOAM				
24"		GRAY MIXED SA	NDS ↓		
30"	<del></del>		GRAY MIX	ED SANDS	
36"	<b></b>	<b>_</b>		_	
42"	<b></b>	<b></b>			
48"	<b></b>	<b></b>		_	
54"	<del></del>				
60"	BOWN SANDY LOAM ↓				
66"					
72"			<u> </u>		
78"	<del></del>				
84"	<del></del>	<b>+</b>			
WAS GROUNINDICATED INDICATE L DEEP TESTS	Ft. / In. Ft. / In. 2/09				
		DESI	GN		
Soil Rate Used	d Min/1" [	Prop:	S.D. Usable	Area Provided	l
No. of Bedroo	oms Septic Tank Cap	pacity	Gals. Masonry		Metal
Absorption A	rea Prov. by	L.F. x 24"	width trench	Other _	
_	sional Name Rudolph C. Petr	ruccelli, P.E.			
_	392 Columbus Avenue		SEAL		
	Valhalla, NY 10595				