

From: [Mark A. Bryan](#)
To: [Joel D. Comanda](#)
Subject: RE: 11711 - 483 Webb Road
Date: Thursday, January 18, 2024 10:31:23 AM
Attachments: [438 Webb Road DCHD Septic Field Sheets.pdf](#)

Joel –

Attached are copies of the DCHD field sheets for this testing. All testing was conducted by me and witnessed by Bill Conrad and/or Joe Linderman, SEOs for DCHD. I plan to submit the testing and exemption for DCHD review/sign-off next week and can forward a copy of the transmittal letter to the Township so they know when it has been sent to DCHD. I'll give you the address to send a couple copies of the plans to DCHD as well.

Since we are applying for an exemption, there is no need for adoption by resolution, or any formal Township review. The exemption is literally a one page form accompanied by the testing information and plans. The most important part is to get Bill at DCHD to sign off on the exemption. Then, the only thing the Township needs to sign off on is the section of the exemption form indicating that the subdivision is in a part of the Township planned to be served by on-lot sewage disposal. Thanks,

Mark

Mark A. Bryan, President

Environmental Management & Consulting, Inc.

484-888-6923

mbryan@envmc.com

From: Joel D. Comanda <Joel@InLandDesign.net>
Sent: Thursday, January 18, 2024 8:30 AM
To: Mark A. Bryan <mbryan@envmc.com>
Subject: 11711 - 483 Webb Road

Mark,

A reminder to send me the testing forms so that I can forward them to the Township today.

In addition, I am attaching the Grading plan so that you can use it with your application.

Joel D. Comanda, P.E.

Project Manager



Civil Engineers, Surveyors & Land Development Consultants

16 Hagerty Boulevard

West Chester, PA 19382

[\(484\) 947-2928 x111](tel:(484)947-2928x111) Office

[\(484\) 947-2946](tel:(484)947-2946) Fax

[\(484\) 467-3098](tel:(484)467-3098) Mobile

Joel@InLandDesign.net



Delaware County Health Department Soil Evaluation Field Report

Name Emmett + Jennifer Devlin Subdivision _____
Location 432 Webb Rd Municipality Shadds Ford Twp.
One-Call Serial no. 2022-326-2552 Call Data _____
Contractor Mark Bryan

Lot # 2 Test Pit # 11-30-6 Application # 230125-23-P-000-032 Slope % _____

Soil Log

0	to	12	DK Br Silo gran fri abt
12	to	37	Br Silo 2SBK fri clear
37	to	55	Fd Br Silo 2SBK fri clear
55	to	84	Var Rd Br Lo 1SBK fri bop
	to		

Limiting Zone is 84 inches due to N/A Perc at 32/84 inches
Mottling due to: Perched/High Water Confirmation Pit Limiting Zone 11-30-7
☐ Do NOT Perc Site Unsuitable Soil Profile Similar 11-30-6

Site Plan

Test pit: 11-30-7

0-14	DK Br Silo gran fri abt.
14-30	Br Silo 2SBK fri cl
30-48	Var Br Silo 2SBK fri clear
48-84	Var Rd Br Lo 1SBK fri bop

Water source & well

Comment

Show all pits on plan

I, the undersigned, the (agent for) OWNER do hereby acknowledge receipt of notice from the Delaware County Health Department's completion of percolation testing in connection with the above captioned sewage permit application number, said notice is given by said Department in accordance with 35 P.S. 750.7(b)(8) Et Seq. I further acknowledge that all test holes must be backfilled within (3) days of this notice.

Till J. Corbett III
Enforcement Officer Signature

11-30-2023
Date

Mark A. Bryan
Received by



Delaware County Health Department Soil Evaluation Field Report

Name Erinett + Jennifer Devlin Subdivision _____
Location 432 Webb Rd Municipality Chadds Ford Twp.
One-Call Serial no. 2023 - 326 - 2552 Call Data _____
Contractor Mark Bryan

Lot # 2 Test Pit # 11.30.3 Application # 230125 - 23 - D - 000 - 032 Slope % _____

Soil Log

0	to	13	PKBr Silo gran fri abt
13	to	34	Rd Br Silo 2SBK fri clear
34	to	52	Var Gr Rd Br Silo 1-2 SBK fri ch 30% CF clear
52	to	84	Var Gr Rd Br Sandy Lo mp fri bop
	to		

Limiting Zone is 29 inches due to mottling Perc at 20 inches
Mottling due to: Perched/High Water Confirmation Pit Limiting Zone 11.30.4 m29" 11.30.5 m37"
☐ Do NOT Perc Site Unsuitable Soil Profile Similar 11.30.3 84"

Site Plan

Test Pit #	11.30.4	Test Pit	11.30.5
0-11	PKBr Silo gran fri abt	0-12	PKBr Silo gran fri abt
11-29	Br Silo 2SBK fri clear	12-37	Br Silo 2SBK fri clear
29-48	Br Heavy Silo 2-3 SBK firm c+D m29"	37-53	Br Heavy Silo 2-3 SBK firm c+D m37"

Comment

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Will F. Conrad III 11.30.2023 Mark A Bryan
Enforcement Officer Signature Date Received by



Delaware County Health Department Soil Evaluation Field Report

Name DEVLIN Subdivision DEVLIN
Location 439 WEBB RD Municipality CHADDS FORD TWP
One-Call Serial no. 2023-326-2552 Call Data _____
Contractor MARK BRYAN

Lot # 1 Test Pit # 11-30-1 Application # 230125-23-D-00-031 Slope % 6

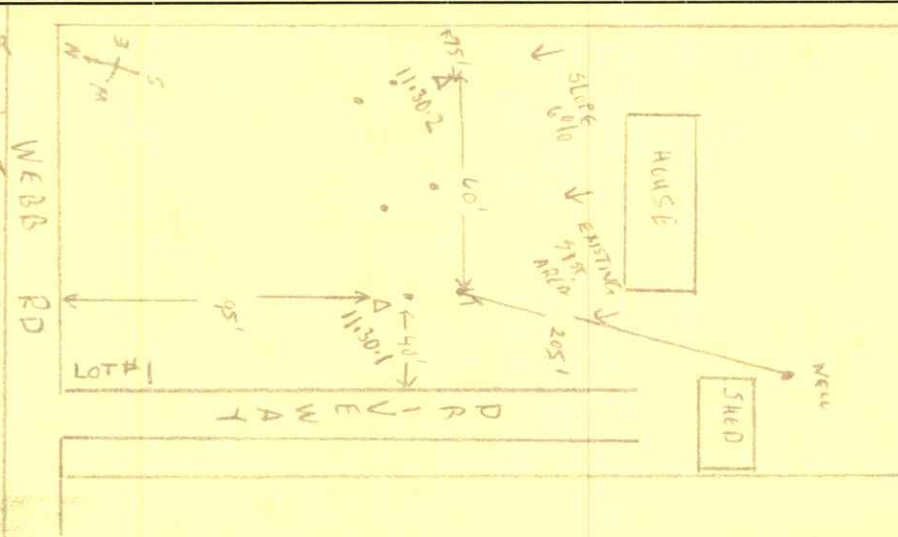
Soil Log

0	to	13	DK BR CLEAR SMOOTH SI	IGR	L
13	to	38	MED OR BR CLEAR SMOOTH SIL	ISBK	FRI
38	to	45	DK OR BE CLEAR SMOOTH SIL	ISBK	FRI
45	to	84	VAA OR BR CLEAR SMOOTH SI	ISBK	FRI BOP
	to				

Limiting Zone is 84 inches due to N/A Perc at 36/24 inches
Mottling due to: Perched/High Water Confirmation Pit Limiting Zone 11-30-2
☐ Do NOT Perc Site Unsuitable Soil Profile Similar 11-30-1

Site Plan

TP 11-30-2
0-12 DK BR CLEAR SMOOTH SI IGR VFA
12-36 OR BR CLEAR SMOOTH SIL ISBK FRI
36-84 VAA OR BR CLEAR WAVY SIL ISBK FRI



Comment

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Joseph P. [Signature]
Enforcement Officer Signature

11/30/2023
Date

Mark A. Bryan
Received by



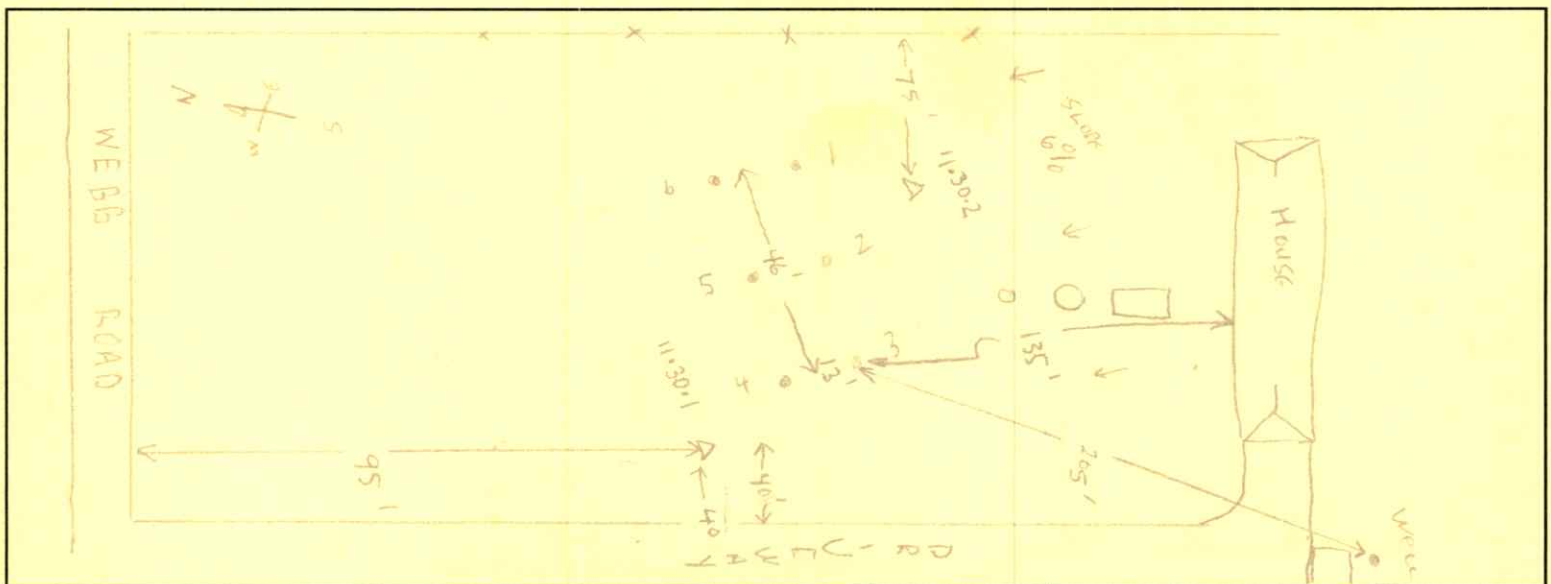
Delaware County Health Department Pre-Soak and Perc Form

Name DEVLIN Application # 230125-23-D-000-031
Subdivision DEVLIN Municipality CHADDS FORD TWP.
Location 438 WEBB RD Contractor BRYAN
Test Pit 11-30-1 Lot # 1 Slope % 6
Initial Presoak was checked on: 11/30/2023 Holes were dug at depth(s) of: 36 & 24 inches
And appeared to be properly prepared and presoaked. [Signature]

Enforcement Officer Signature

	Hole Depth	Remaining Water	PS1 10-30	PS2 11	1 11-20	2 12	3 12-30	4 1	5	6	7	8	Time Interval
1	36"	0	1	7/8	3/4	5/8	5/8	5/8	48				30/10 min
2	36"	0	1	1	7/8	7/8	3/4	3/4	40				30/10 min
3	36"	0	1	1	3/4	3/4	3/4	5/8	48				30/10 min
4	24"	0	4 1/2	4 1/4	4 1/8	4 1/8	4 1/8	4 1/8	7.3				30/10 min
5	24"	0	3	3	2 3/4	2 5/8	2 1/2	2 1/2	12				30/10 min
6	24"	0	3	3	3	2 7/8	2 7/8	2 7/8	10.4				30/10 min
7									105.7 / 6 = 28				30/10 min
8									1.7 * 500 = 855	54 * 16			30/10 min
9									x 600 = 1026	65 * 16			30/10 min

Site Plan



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[Signature]
Enforcement Officer Signature

12/1/2023
Date

[Signature]
Received by



Delaware County Health Department Pre-Soak and Perc Form

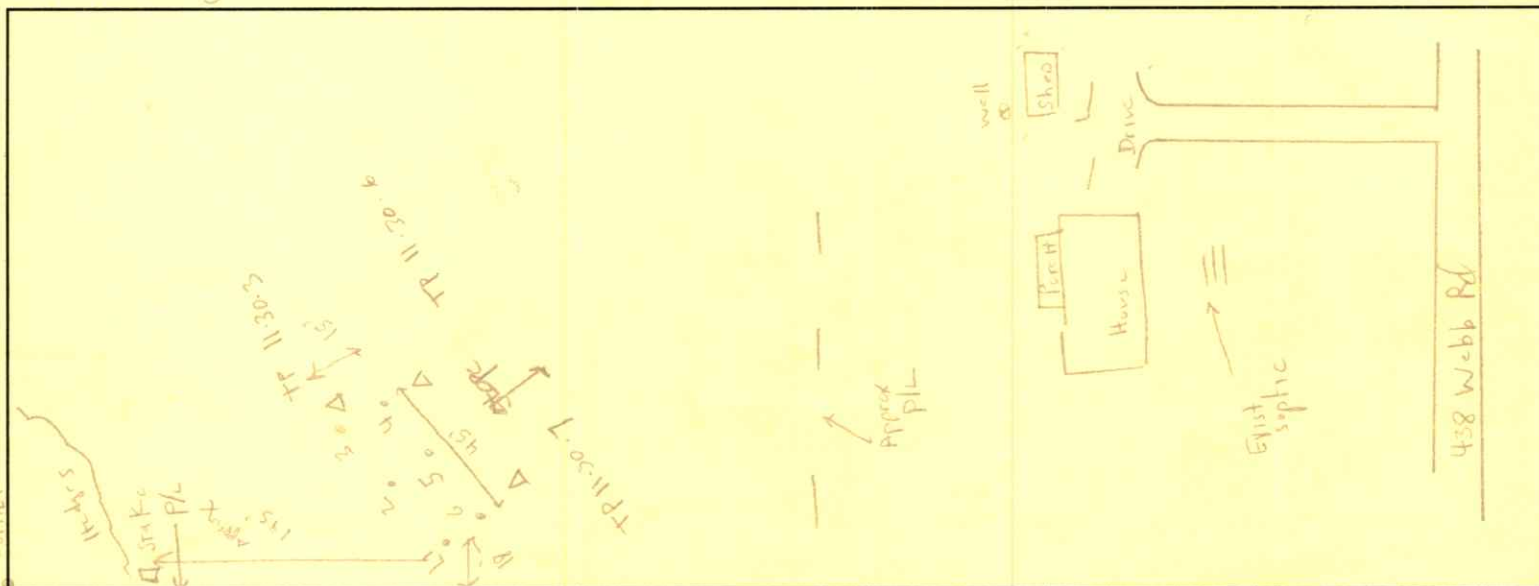
Name Emmett + Jennifer Devlin Application # 230125-23-D-000-032
Subdivision _____ Municipality Chadds Ford Twp
Location 438 Webb Rd Contractor Mark Bryon
Test Pit 11-30-3, 6, 7 Lot # 2 Slope % 6-8%
Initial Presoak was checked on: 12-4-2023 Holes were dug at depth(s) of: 32 / 24 inches
And appeared to be properly prepared and presoaked. will be covered

Enforcement Officer Signature

	Hole Depth	Remaining Water	PS1	PS2	1	2	3	4	5	6	7	8	Time Interval
1	32	0	2	1 1/2	1 1/2	1 1/4	1 1/4	1 1/8	1 1/8	/	26.7		30/10 min
2	↓	↓	5 1/2	4 3/4	4 3/8	3 3/4	3 3/4	3 1/2	3 1/2	/	8.6		30/10 min
3	↓	↓	5	4 1/4	4	3 3/4	3 3/4	3 1/2	3 1/2	/	8.6		30/10 min
4	24	↓	3	3 1/2	3 3/8	3 1/4	3 1/4	3	3	/	10		30/10 min
5	↓	↓	2	1 1/4	1 1/4	1	1	7/8	7/8	/	34.3		30/10 min
6	↓	↓	5 1/2	4 3/4	4 1/4	4 1/4	4 1/4	4	/		7.5		30/10 min
7											95.7/6 = 16		30/10 min
8													30/10 min
9													30/10 min

$$1.23 \times 600 = 738$$
$$(2) 10 \times 45 = 900$$

Site Plan



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will be covered

Enforcement Officer Signature

Date

12-5-2023

Received by

Mark A Bryon



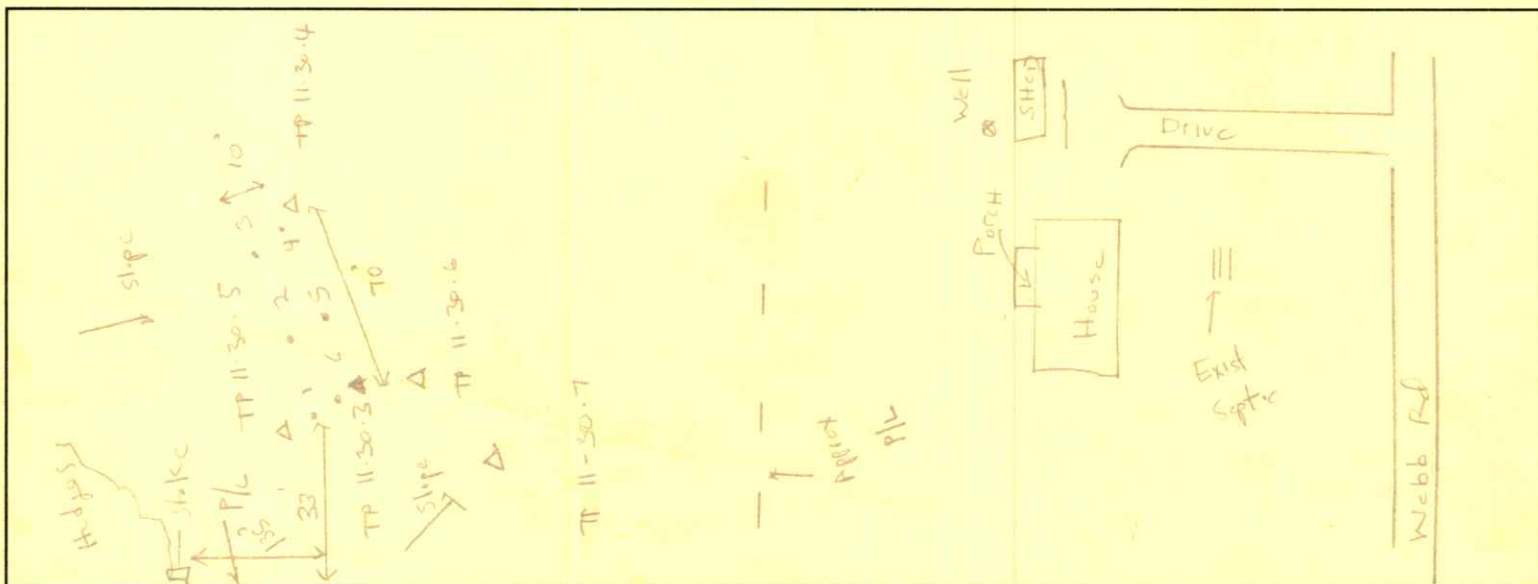
Delaware County Health Department Pre-Soak and Perc Form

Name Emmett + Jennifer Devlin Application # 230125-23-D-000-C32
Subdivision _____ Municipality Chadds Ford Twp
Location 438 Webb Rd Contractor Mark Bryon
Test Pit 11-30-3, 4, 5 Lot # 2 Slope % 6%
Initial Presoak was checked on: 12.4.2023 Holes were dug at depth(s) of: 20 inches
And appeared to be properly prepared and presoaked. Will J Conrad III

Enforcement Officer Signature

	Hole Depth	Remaining Water	PS1	PS2	1	2	3	4	5	6	7	8	Time Interval
1	20	0	3	2 1/4	2	1 3/4	1 3/4	1 3/4	/		17.1		30/10 min
2			2 1/2	2 3/4	2 1/2	2	2	1 7/8	1 3/4	/	17.1		30/10 min
3			5 1/2	4 1/2	2	1 3/4	1 3/4	1 3/4	/		17.1		30/10 min
4			2 1/2	2 1/2	2 1/4	2 1/8	2 1/8	2	/		15		30/10 min
5			3 1/2	3 1/4	3	3	3	3	/		10		30/10 min
6			4	3 1/4	2 3/4	2 3/4	2 3/4	2 3/4	/		10.9		30/10 min
7											87.2/6 =		30/10 min
8					1.5	$1.5 \times 600 = 900$		60/15			14.53		30/10 min
9						$500 = 750$							30/10 min

Site Plan Elevated



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Enforcement Officer Signature

Date

Received by

Will J Conrad III
12.5.2023

Mark A Bryon